

THE REGON DIFFUSER

NOVEMBER
2024

THE OFFICIAL NEWSLETTER OF THE ASHRAE OREGON CHAPTER SINCE 1946

WELCOME TO THE 2024-25 SOCIETY YEAR!



President's Address

Hello ASHRAE Oregon Members!

The Oregon board has been hard at work this summer planning what promises to be an exciting year filled with engaging technical presentations and fun networking events.

This year is particularly special as the Oregon Chapter will be hosting the **2025 ASHRAE Region XI Chapters Regional Conference (CRC)**. We are thrilled to welcome chapter leaders and members from Oregon, Washington, Alaska, and Western Canada. This gathering will be a fantastic opportunity to engage, learn, and plan for the future together.

I would also like to recognize our newly established **Cascades Section** in Bend! Members Council approved the official formation of this section during the 2024 ASHRAE Annual Conference in Indianapolis. This expansion is a testament to our growing community and commitment to reaching more members. Learn more about the dynamic team leading the Cascades Section in this month's issue.

We kicked off the Technical Seminar year on October 17th at Migration Brewing with an engaging presentation on **Hydronic Balancing** lead by **Kirk Phipps**. We also hosted our first **YEA Bowling Mixer** of the year on September 26th at Grand Central Bowling and Arcade!

Our next technical seminar will be a virtual lunch session on **Targeting Success - Improve Employee Satisfaction, Retention, and Profit**, featuring ASHRAE Distinguished Lecturer and Past Society Vice President **Julia Keen P.E., PhD, FASHRAE, HBPD**. Mark your calendars 😊

This is just the beginning. We have a lot more planned and look forward to seeing you at our events!

Thank you,

Elsa Harder
President, ASHRAE Oregon Chapter



Upcoming Events:

November 7: Virtual Lunch Seminar: *"Targeting Success - Improve Employee Satisfaction, Retention, and Profit"* with ASHRAE Distinguished Lecturer Julia Keen PE, PhD, FASHRAE, HBPD

December 12: ASHRAE Cascades Section Social Event

December 12: ASHRAE Oregon/ AIA /CSI /ASPE /AFO/NOMA Ugly Sweater Holiday Party



Chapter may not act for Society

VIRTUAL LUNCH SEMINAR



Targeting Success
Improve Employee Satisfaction, Retention, and Profit.

Presented by



Julia Keen P.E., PhD,
ASHRAE Fellow, HBDD

November 7, 2024
Virtual Lunch Meeting
11:45am - 1:00pm



**MARK YOUR
CALENDARS NOW!
SIGN UP AT
WWW.ORASHRAE.ORG
OR SCAN THE QR CODE**

As the building design and construction industry looks at the composition of the future workforce, it is clear that the demographics of today's workforce will need to change to meet future demand for employees. It is projected that this change will include increasing the number of women employed in the building design and construction industry. We have seen an increase in young women enrolling in STEM disciplines at the university level and an improvement in the number of women students attaining college degrees, but we have not seen the same increase in the percent of women employed in the STEM workforce. This inconsistency can be attributed to poor retention of women once they enter the profession. This presentation will address why women leave the industry and what can be done to help increase retention. This is an important topic for our industry as a whole as well as for employers trying to minimize turnover and maximize productivity and profit.

About the Speaker: Julia Keen is a Professor in the GE Johnson Department of Architectural Engineering and Construction Science at Kansas State University holding the Bob and Betty Tointon Engineering endowed chair. She also owns her own consulting company, Keen Designs, PA. Her specific areas of interest include HVAC design, energy codes, high performance design, HVAC education, and the advancement of women in the building design and construction industry.

Julia Keen received her Bachelor's Degree in Architectural Engineering from Kansas State University. Upon graduation, she worked as a Mechanical/Electrical Project Engineer in Waterloo, Iowa. In this capacity she was responsible for the design of building systems from initial planning stages through final project inspection and completion. In July 2003, Julia accepted a faculty position with K-State in the Architectural Engineering and Construction Science Department. She completed her Master's degree in Architectural Engineering (2005) and her Doctorate (2010) in Education both from K-State. She is a Licensed Mechanical Professional Engineer in Kansas and Iowa and holds the ASHRAE Certification - High-Performance Building Design Professional (HBDDP).

In addition to her 9-month faculty appointment at K-State, Julia has the opportunity to stay current with the HVAC industry in a consulting capacity. Her consulting endeavors include performing as HVAC professional education consultant, engineering design, plan check and quality review, and acting as an owner's representative in facility planning and project implementation.

Julia became involved in ASHRAE as a student member of the Kansas State University student branch. She has acted as the faculty advisor to this branch since 2003 during which time the chapter has routinely attended the ASHRAE winter meetings and the competition team that she has coached has finished first in the ASHRAE Design Competition six times. Through the years, Julia has held several chapter positions including President of the Cedar Valley Chapter. She has also been involved in many Society level committees including: Finance, Publishing and Education Council, Planning, Publications, Conferences and Expositions, and Certification as well as chaired TC6.1-Hydronic and Steam Equipment and Systems. Julia served in the elected positions on the ASHRAE Society Board of Directors as Vice President (2017 - 2019) and Director-at-Large (2013 - 2016). As a DAL and VP she served as Ex Officio/Coordinating Officer to the Refrigeration, Society Rules, and Standards Committees and was a voting member of Tech Council. Her service to the organization was recognized in 2024 when she was given the Exceptional Service Award. Julia continues to promote her passion of HVAC education through the HVAC Essentials Course she co-developed and delivers for ASHRAE around the world. She was promoted to the grade of ASHRAE Fellow in 2016 and was presented with the 2018 ASHRAE E. K. Campbell Teaching Award.

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

November 7, 2024: Virtual Lunch Seminar: "Targeting Success - Improve Employee Satisfaction, Retention, and Profit" with ASHRAE DL Julia Keen

November 13, 2024: ASHRAE Oregon Board of Governors Meeting. Hybrid. 4:45pm - 6:45pm.

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

December 12, 2024: Joint ASHRAE Oregon/AIA/CSI/ASPE/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 Social. Details coming soon!

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

January 16, 2025: ASHRAE Oregon Technical Meeting. Finalizing topic/location. Details coming soon!

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

November 7-8, 2024: 6th International Conference on Efficient Building Design. Beirut, Lebanon

November 11, 2024: Deadline to submit papers for the IEQ 2025 Conference

November 11, 2024: Distinguished Lecturer Nomination Informational Session

November 15, 2024: Deadline for ASHRAE Decarb Challenge

November 18-20, 2024: HVAC Design Training Level I . Austin, Texas

November 21-22, 2024: HVAC Design Training Level II . Austin, Texas

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 of 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

November 13, 2024: ASPE Portland Tech Session with Wine Tasting and Dinner. "Positive Workplace Culture - For Work, Home, and Life" with Mike Nash. Mary Hill Winery, Vancouver, Washington. 4:30pm - 8:30pm.

November 14, 2024: AIA Oregon Architecture Awards Celebration. Portland Art Museum. 5:00pm - 10:00pm.

December 18, 2024: ASPE 2nd Annual Holiday Brunch. Topic/Location TBA. 11:00am - 1:00pm.

Did we miss something? If you have an event you'd like added to the calendar, please email dabellon@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 Tjerina
Student Activities Chair

Up to \$250,000 Awarded in Scholarships!

Through its Society Scholarship Program, ASHRAE seeks to motivate students worldwide to pursue an engineering or technology career in the HVAC&R field that will further promote sustainable technology for the built environment. Scholarships range from \$3,000 to \$12,500 and awarded for the 2025-2026 academic year if you apply by **December 1st, 2024**. For information on eligibility and how to apply, please visit the Scholarship Program Website. Now accepting applications for our Undergraduate Engineering, Engineering Technology, Regional/Chapter, & University-specific Scholarships. The deadline for applications and supporting materials is **December 1st**.

Treasurer Report



Cassie Kuwahara
Chapter Treasurer

Chapter Balances

Beginning Balance (July 1, 2024): \$109,510.14

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

Major Transactions:

- Golf Tournament Net Expenses: \$32,226.52
- Other Expenses
 - End of Summer Bash
 - YEA Bowling Event
- October Meeting
 - Expense: \$1,176.60
 - Revenue: \$1,128.04



Membership Promotion



Victoria Ericksen
Membership Promotion Chair

Membership Metrics

ASHRAE Membership: **54,015 members**

Region XI Membership: **3,480 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:

- **556 members**
- **30 student members**

- Welcome to our new members! [Dan Somlea](#), [Maurice Gunderson](#), [Maille Ryan](#), [Halston Hoover](#), [Tyler Klarkowski](#), [Tony Lewellen](#), [Aaron Millis](#), [Brian Francis](#), [Zach Harrison](#), [Ryan Moon](#) and [Eric Tabert](#)

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 Portland catering!
- Bubbly drinks from Portland breweries!

We want to hear from you! Please complete the online member feedback survey by November 30th!!



CTTC

Chapter Technology
Transfer Committee



Eileen Jensen
CTTC Chair

Oregon Chapter Technology Awards Program

The Oregon chapter is inviting members to submit projects for consideration in the chapter-level technology awards. We're looking for recent projects that demonstrate innovation in effective energy management, indoor air quality, and good mechanical design. Winners at the chapter level will be eligible to go on to the regional level at the 2025 CRC in May. Regional winners will be eligible to go on to the Society level.

The benefits of winning include recognition from your peers as being innovative and capable of achieving a high level of competence, as well as the opportunity to bring additional recognition and prestige to buildings with innovative designs.

The deadline to submit projects for consideration is March 14, 2025 so you have time to do this. But don't wait too long! For more information on the Technology Awards program, as well as the application form and sample entries, please see the website at <https://www.ashrae.org/membership/honors-and-awards/technology-awards-program>.

If you have questions, please contact Eileen Jensen at nesnejen@gmail.com. Entries will need to be emailed to her by close of business 3/14/25. Good luck!

Honors and Awards

Honors and Awards (H&A)



Eileen Jensen
Honors and Awards Chair

The deadline to submit nominations for the Distinguished Service Award (DSA) and Exceptional Service Award (ESA) is December 1st. These awards are based on a point system and recognize members who have served the Society in various capacities. The Oregon chapter has a number of members who have been recognized with these awards and the chapter H&A chair is always looking to put more names forward. To see if you qualify, go to this webpage and scroll down to the information about the Distinguished Service Award and Exceptional Service Award: <https://www.ashrae.org/membership/honors-and-awards>.

If you have questions or would like help in nominating someone, please contact Eileen Jensen (chapter H&A chair) at nesnejen@gmail.com.

Research Promotion

ASHRAE Oregon Research Promotion



Rudy Nagasimha
Research Promotion Chair

Donate to ASHRAE Research! We are already 26% to our \$24,500 Research Promotion Goal! Thank you to everyone who has donated!! That means we are just \$1,050 away from meeting our mid-year goal of hitting 30% before **December 1st** (which translates to PAOE Points!) If you haven't already contributed, please consider making a donation before the end of the month. If you have any questions, please let me know.

GOAL: \$24,500



Congratulations John!

ASHRAE Oregon Chapter Past President and current BOD Member / CRC General Chair **John Tijerina** recently passed the Principles and Practice of Engineering (PE) Exam! Congrats John!!

Do you have some good news you'd like to share? Email dabellon@pwsigroup.com.



YEA

Young Engineers in ASHRAE



Kha Pham
YEA Chair

YEA Event at Grand Central Bowling and Arcade!

The ASHRAE YEA social event at Grand Central Bowling and Arcade (September 26th) combined professional networking with a fun night of bowling. With several newcomers in attendance, the event provided a valuable opportunity for young professionals in the HVAC industry to connect and exchange ideas.

The relaxed bowling atmosphere facilitated conversations about industry trends and career experiences, allowing attendees to build connections that extend beyond the lanes. Overall, it was a successful event that enhanced professional relationships within the local ASHRAE chapter.

Get ready for our annual **Ugly Sweater Party** on **December 12**, now with a new partnership with AIA and CSI! 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! Stay tune for more info!!



Happy Birthday!

November Birthdays

Chrissi Antonopoulos
Nathan Aring
Takako Baker
Tozer Bandorawalla
Simon Batenhorst
Douglas Behrend
Zack Bradcovich
Greg Collins
Thomas A Congdon
Jay F Culbertson, Jr
Steven E Dacus
Kevin A Duell

Brian D Francis
Richard A Gordon
Robert W Gulick
Katherine G Hammack
Raymond S Herndon
Eileen Jensen
Jacob A Jones
Andrew J Lasse
Ariel Levy
Adam T Lund
Thomas E McClung
Gary L Montgomery
William F Raleigh
James H Sackinger
Lewis E Seagraves

David Arthur Sellers
John M Slate
Jason Sullivan
Jesse Swanson
Michael Swanson
Katie N Taylor
Harold D Thiemann
John F Thies
David C Thomsen
Steve Van Riessen
Anthony E. Vazquez
Philip W Walker
Sharon M Watt
Farid Yamin
Chung-yu Yang

CASCADES SECTION

At the recent 2024 ASHRAE Annual Conference in Indianapolis this past summer, Members Council approved the formation of the **Cascades Section**, under the ASHRAE Oregon Chapter, to better serve the members within the geographical area surrounding Bend, Oregon.

Save the date!! December 12th

Join us for a social event hosted by the ASHRAE Cascades Section on Thursday evening, December 12th! This will be a great opportunity to network and explore the future of our Section. Save the date—location to be determined. Please contact Thomas Kelly at Thomas.kelly@colebreit.com to RSVP and indicate if you would like to be included in the ASHRAE Cascades Directory for future events. We look forward to seeing you there! Let's meet the volunteer members who have stepped up to lead the Cascades Section!



Thomas Kelly
Section President

Thomas Kelly

Thomas began his engineering career in 2016 at Mazzetti, an MEP firm specializing in healthcare, where he worked on mechanical designs for hospital projects across California, including Stanford Healthcare. In 2019, he joined Southland Industries, gaining hands-on experience in construction by coordinating with trade partners to manage schedules, budgets, and field issues for semiconductor and data center projects. In 2022, Thomas transitioned to ColeBreit Engineering, where he now leads projects in the education, commercial, and multi-family sectors. He oversees mechanical designs and heads a team of mechanical engineers. An outdoor enthusiast, Thomas spends his free time skiing, mountain biking, hiking, and exploring the outdoors.

Thomas is excited to launch the ASHRAE Cascades Section and serve as its inaugural president, with the goal of advancing the local industry and fostering stronger connections among engineers, contractors, and architects.

Kyle Swenson

Kyle has been leading the engineering and business development efforts of CEA Consulting Engineers since the start of 2022. Prior to this, he has worn multiple hats in the building construction industry throughout his engineering career. He first spent 4 years as a mechanical engineer with Integral Group, an MEP firm specializing in "Deep Green Engineering", where he worked on a multitude of large projects including higher education research laboratories, office spaces, high rise apartment complexes, food service facilities, and large central plant operations. He has also worked in the software world as a control systems and retro-commissioning engineer where he successfully analyzed BMS data for many buildings to help clients improve the performance of their buildings and reduce their energy and operating costs. Before moving to Bend and coming onboard with CEA, Kyle was the Director of Engineering for a decentralized wastewater treatment company that was designing, installing, and operating small solids recovery and membrane bioreactor systems that would allow for the recycling of blackwater in large commercial buildings.



Kyle Swenson
Section VP/ President-Elect

Jack-Ryan Hilton

Jack-Ryan Hilton is an owner and Mechanical Designer at Laminar Flow engineering with 6 years of experience in the MEP industry. He specializes in sustainability and is known for being a solution oriented problem solver. He has a strong sense of integrity and is respectful to everyone he works with.



Jack-Ryan Hilton
Section Secretary

Eric Tabert

Eric is third generation in HVAC behind his father and grandfather. He started in his father's fabrication shop at a very young age and worked his way through the ranks from the shop to a project management position. Over the last couple decades, he has worn many hats in the industry and is passionate about continual learning and teaching the next generation of industry team members. Currently, he is a Project Manager for Apollo Mechanical Contractors and helping to grow the Bend, OR team of the fifth largest mechanical contractor in the country in 2023.



Eric Tabert
Section Treasurer

END OF SUMMER BASH

We had a great time closing out the Summer of 2024 with the Portland ASPE Chapter at McMenamins Kennedy School! Attendees enjoyed great food, fun games, drinks, and prizes. Huge thanks to Maddie Giovagnoli, Victoria Ericksen and Cheyl McDermott (ASPE) for organizing this event!



OCTOBER TECHNICAL MEETING

The ASHRAE Oregon Chapter kicked off the technical program schedule on **October 10th, 2024** at Migration Brewing in Portland with a great seminar on **hydronic balancing**, presented by **Kirk Phipps** with Hays Fluid Controls. Kirk emphasized the importance of proper balancing and discussed different strategies with varying degrees of accuracy. When deciding between manual balancing valves and automatic balancing valves, the design engineer needs to balance first cost versus proper control and balancing labor. Thank you to Kirk Phipps for sharing your expertise and perspectives with our chapter members!



SOCIETY NEWS

ASHRAE's Task Force for Building Decarbonization Transitions to the new Center of Excellence for Building Decarbonization (CEBD)

The team has already developed a wealth of resources to help industry professionals create practical strategies to minimize the impact of GHG emissions on climate change. These resources include three technical guides (with more on the way). The CEBD will now take a more strategic role in guiding ASHRAE's direction on decarbonization while the operational tasks will be managed by the three councils. If you'd like to learn more, please visit ASHRAE.org and visit the CEBD's homepage.

Spot a familiar face? Yes - that's Oregon Chapter's very own **Bing Liu, PE!**



ASHRAE's very first Women in ASHRAE Leadership Symposium kicked off in Chicago, September 26-27

This groundbreaking event was not just a conference, but a career-changing experience! Set in the vibrant city of Chicago on the "Magnificent Mile" on September 26-27, 2024, this symposium was the place to be for aspiring and current leaders in the HVACR industry. For more information, visit ASHRAE's website.



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

Mark your calendars now for the Winter Conference!! Hotel rooms are booking fast! Scan the QR code below for all the details!



HISTORY CORNER

A Note From the Editor

We are excited to be relaunching *The Oregon Diffuser* this year! As many of you may know, the *Oregon Diffuser* was the second chapter newsletter in ASHRAE, with its first publication in **1946**. As I prepared for this first issue, I had the honor of sitting down with past editor and friend (and Past Oregon Chapter President / Region XI Director and Regional Chair) **Kevin Marple** to discuss the history of the newsletter and reflect on the evolution from physical printing and mailing to our current digital format. I had previously served as the newsletter editor for the Central Arizona Chapter (*The Dust Devil*) and the San Diego Chapter (*The Upblast*) and it was great to reminisce about the challenges of creating and distributing a resource that was useful to the chapter members.

While many of those challenges have gone away thanks to the wonders of technology, one challenge remains - getting the right content. We want to make sure that we provide is timely and useful. So if you'd would like to contribute anything, please let me know. In future issues we hope to include columns on design practices and trends, and highlight local projects and code changes. We'll also be adding a section for advertisers and job postings. If you have any comments, recommendations, articles, photos, etc., please send them to dabellon@pwsigroup.com.

Thank you!

Devin Abellon

Devin A. Abellon
Newsletter Editor 2024-45



Devin Abellon
Newsletter Editor
2024-2025



Kevin Marple
Newsletter Editor
1996-1998

As we launch the 2024-25 edition of ***The Oregon Diffuser***, we look back at the history of this important publication by revisiting "The Birth of the *Oregon Diffuser*," an article written by Bruce Morrison for the October 1996 issue, and take a look at the cover of the very first issue, published in 1946.

Excerpts courtesy of Kevin Marple.

Birth of The Oregon Diffuser

by Bruce Morrison

J. Donald Kroeker and I would sometimes have lunch together at Manning's Cafeteria on Fourth and Alder Streets. In the fall of 1945 after I had opened my office we had several discussions about ASHRAE, and Don was always generous with suggestions or help. One of the things he wanted to see for the chapter was a publication that would help us to be more closely knit and provide more service to the industry. At that time there was only one other chapter of ASHVE. I was hesitant about recommending it to the Board of Governors due to the need for an editor who could put in the necessary time to prepare the publication for printing. At the Board of Governors meeting in May 1946 it was discussed and, on the basis that Don Kroeker would act as editor, the Board of Governors approved it. I cannot remember whether the chapter voted on it or not in May. However, the first issue was born and placed in the mail for delivery a week before the October meeting in 1946.

Originally the **Diffuser** started as a monthly publication. The issue is published before each meeting of the Oregon chapter. It is interesting to note that in the **Prexy's Words of Wisdom** in the first issue, I first thanked Don Kroeker for starting and editing the **Oregon Diffuser**. I next had the pleasure of thanking the chapter for their response to providing travel funds for Professor Willey to present the only chapter-sponsored research "Heat Loss through Wetted Walls" at the summer meeting in Montreal, Canada. The chapter's committees were a delight because of their interest in bringing in new members to the chapter, putting on the air conditioning conference, and providing programs for the meetings. In closing my words of wisdom, I suggested we try to have as many guests as possible to hear the National ASHVE president, Alfred Offner, who was the speaker for our October 1946 meeting.

The first issue of the Diffuser had a picture of the attendees of the third HVAC conference, which was the first sponsored by the Oregon chapter of ASHVE. As I recollect, attendance was about 90 to 100.

HISTORY CORNER

THE OREGON DIFFUSER

Oregon Chapter of the American Society

of Heating and Ventilating Engineers

Volume I Number 1

October 1946



CHAPTER PERIODICAL TAKES BOW

PUBLICITY COMMITTEE LAUNCHES DOPE SHEET; RAISES HOPES OREGON DIFFUSER DIFFUSION WILL BE MONTHLY



It's Brand New.

FOR SOME time a need has been felt for a chapter publication which would constitute a concrete medium of the usual abstract existence characteristic of a technical society, one which would assist in converging more interest from lives beset with bids for attention at every turn; in cementing a fellowship engendered by a community of thought springing from a common source of livelihood; in centering enthusiasm; in promoting mutual assistance in technical matters; and in approaching the position which a healthy chapter should occupy in the conduct of affairs of the Society.

The OREGON DIFFUSER has been authorized by the Chapter for the purpose of fulfilling these functions. It will diffuse news, papers, comments, programs, good will. It will constitute a record repository of Chapter activity, to summarize which the Chapter meetings are usually too crowded.

Naturally, no publication comes into periodical existence spontaneously. It is not bisexual or self-reproducing. Each issue of the DIFFUSER is a brain child, usually with several parents. To continue to diffuse light a lamp requires oil, labor; perfectly characterized by (continued page 3)

NATIONAL PRESIDENT TO VISIT CHAPTER

NEW YORK CONSULTING ENGINEER AND AUTHOR TO HEADLINE DOUBLE FEATURE OCTOBER MEETING



President Offner

has since been Consulting Engineer for numerous governmental and private buildings throughout the United States and abroad. Mr. Offner has been a member of the Society's Council since 1935, and is particularly well prepared to answer any questions we may have concerning activities of the Society.

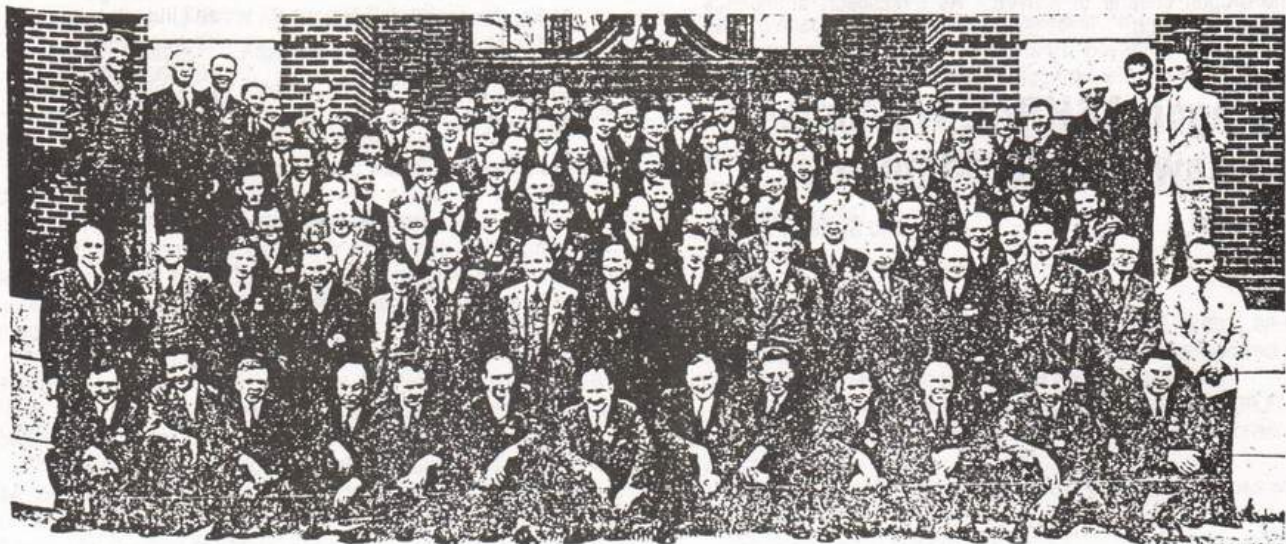
REPORT BY PROF. WILLEY MAKES DOUBLE-FEATURE MEET

Oregon Chapter's past president, Earl Willey, will report also on his Eastern excursion last spring, and the Society's first water-borne meeting, at which Earl presented the paper on the Society's first Chapter-sponsored research project.

Further, more information on preparations for the Chapter's greatest activity of the year, the first post-war Oregon Air Conditioning Conference, will be presented. (continued page 4)

ALFRED J. OFFNER, President of ASHVE, Consulting Engineer and Author of numerous technical articles, will headline the first meeting of Oregon Chapter's 1946-1947 year in the Heathman Hotel's Georgian Room, Thursday, October 17. His topic will be "The Post-War Era - A Challenge to Heating and Air Conditioning Engineers."

From New York State, Mr. Offner, has had a broad experience in the field of engineering and has been active in the advancement of the Engineering Profession. He became senior member of the firm, Offner and McKnight, Consulting Engineers, in 1919, and



This Group Attended the Third Oregon Air Conditioning Conference Being Revived this Chapter Year. See Story Page 3.

APPROVED MEETING MINUTES

The following ASHRAE Oregon Board of Governors meeting minutes were approved at the BOG meeting held on October 9th. The minutes from the October 9th meeting will be published after they have been approved.

April 10, 2024 BOG Meeting

CALL TO ORDER

A meeting of ASHRAE Board of Governors was held in person on 4/10/24.

Called to order at 4:35 pm PST by John Tijerina

Attendees include: John Tijerina, Elsa Harder, Ryan Pinckard, Cassie Kuwahara, Rosie Welch, Rudy Nagasimha, Kha Pham, Victoria Ericksen, Eileen Jensen, Mark Trader

Quorum established? Yes (6 of 7 Governors in attendance)

APPROVAL OF MINUTES

Approve February Minutes

Motion to approve minutes - Cassie / Second - Rosie

All in agreement, none opposed.

OFFICER REPORTS - X to indicate no formal report shared, notes taken by Secretary

John Tijerina - President - X

CRC registration update:

- John, Elsa, Ryan, Victoria, Maddie, and Rudy are attending on behalf of Oregon, Athena is TBD;
- Rosie, Geoff Jenks, John Farley, and Eileen are also attending in leadership roles
- Rooms are booked
- Register for CRC if you haven't (then submit to Cassie for reimbursement)

Elsa Harder - President Elect/Programs Chair - X

- Elsa is still working on touring hotels before selecting one for CRC 2025
- Coordinating a trade show event with CSI Portland
- And other events if possible (their conference is at the same time)
- Working on updating the Programs calendar
- April event is likely a happy hour, TBD
- May is likely a code update
- March meeting was hosted in Bend, OR for the first time
- DL speaker on natural ventilation
- Mostly engineers in attendance
- 17 total attendees
- Everyone who registered showed up!
- Consider hosting in May next year for better weather & potentially a social event

Ryan Pinckard - Secretary - X

Cassie Kuwahara - Treasurer

QuickBooks Reports

- No Reports - Need to some receipts to categorize our bank transactions.
- Account Values
 1. US Bank Oregon Checking - \$58,262.37
 2. Willamette Valley Checking - \$1,113.77
 3. PayPal \$9,445.76
 4. Edward Jones \$36,223.60
- Requested Transfer of \$5,000 to US Bank Account.
- I've reached out to Eileen, Keith, Kevin, Nicole, Rudy, Rosie, & Ryan to set up an Audit Committee. Hoping to get this scheduled for next week and to tie up the report by end of April.
- I have a meeting scheduled with Dena on April 23rd to review our FY finances so far this year.
- Consider changing to Stripe payment procession ILO PayPal for Constant Contact events. Might help us save on fees, especially during golf registration. Cassie will make our chapter an account to check it out. More to come.

COMMITTEE CHAIR REPORTS

Elsa Harder - Student Activities - X

- One student went to the ASHRAE Winter Conference and connected with a professional speaker who will be providing a webinar for PNW students. Presentation by AEI on April 23rd (link TBD). Networking success story.
- Trivia Night prizes are being sent soon.

Kha Pham - Young Engineers in ASHRAE

- Maintaining 93 YEA members (started FY at 93)
- John trying to help coordinate a YEA/MP event soon

Victoria Ericksen - Membership Promotion

- 539 current members
- Starting to flatten out instead of continue to decrease

John Tijerina - Newsletter

- John will be issuing a newsletter with the YEA/MP event invitation once setup Code information/meeting may also be included (for May) Golf will be included until the event happens

Electronic Communications

- See above

Government Advocacy

- Geoff Jenks gave testimony for the Oregon Energy Code discussion in favor of 90.1-2022 adoption

Chapter Technology Transfer

- We did not receive any submissions for tech awards this year.

Honors & Awards

- Reviewing a list of potential DSA/ESA/Fellow nominees from Oregon Chapter.

Rosie and Team - Golf

- Met with Cassie on 4/9 to go over tournament items
- Pretty sure we landed on golf balls and an ASHRAE trucker hat
- Working on pricing and going to request samples
- Plan to send out registration tomorrow or Friday (July 26th @ 8am)
- New constant contact format is super cool
- Working with Cassie to decide on payment method. There is a new offering via CC called Stripe and is cheaper.
- Keeping sponsorship pricing the same
- Will start to put together tournament packet
- Date scheduled in May to purchase raffle prizes
- Looking for volunteers. We are toying with manning the photo booth ourselves for some savings. Might reach out to membership for volunteers if needed.

Rudy Nagasimha - Research Promotion - X

- Achieved PAOE goal of 60% RP objective by end of March 2024
- Met the scholarship requirement
- RP asking to tag into the May meeting for 15-20 minute presentation
- Rudy has extra gift cards to use for RP (Amazon)

DEI - n/a

UNFINISHED BUSINESS - n/a

NEW BUSINESS

ASHRAE Polo's for the Board Members

- Not a fan of the options on the ASHRAE Merchandise page, so I'm looking at external options,
- I'm thinking Simple White Polo w/ Colored ASHRAE logo?
- Do we want the ASHRAE Oregon Logo or just ASHRAE?
- How many shirts do we need/size?
- John, Elsa, Ryan, Cassie, Mark, Maddie, Victoria, Rudy, Rosie, Eileen, Kha, Geoff, Other
- I will send out options once I have pricing details based on how many we need.

ANNOUNCEMENTS

CLOSURE

Motion to adjourn made by Elsa / •

Second to the motion made by Cassie

Meeting adjourned - 5:51pm

APPROVED MEETING MINUTES

June 12, 2024 BOG Meeting

CALL TO ORDER

A meeting of ASHRAE Board of Governors was held in person on 6/12/24. Called to order at 4:45 pm PST by John Tijerina
Attendees include: John Tijerina, Elsa Harder, Ryan Pinckard, Cassie Kuwahara, Rosie Welch, Rudy Nagasimha, Mark Trader, Kha Pham, Victoria Ericksen, Maddie Giovagnoli
Quorum established? Yes (5 of 7 Governors in attendance)

APPROVAL OF MINUTES

Approve April Minutes (RESEND THESE TO EVERYONE FOR JULY APPROVAL)

Motion to approve minutes – Second – All in agreement, none opposed.

OFFICER REPORTS – X to indicate no formal report shared, notes taken by Secretary

John Tijerina – President – X

- PAOE points are due soon—please start adding points for your position.
- PAOE input meeting TBD (but soon)
- We attended CRC in Spokane, WA and it mostly went well, but we need to earn more awards in the future.
- Athena is now officially our GAC moving forward—official per the CIQ

Elsa Harder – President Elect/Programs Chair – X

- We officially signed our CRC 2025 contract with the Hyatt Regency Portland by the convention center.
- We had a DL on May 30th on Refrigeration for Dummies by Steve Kujak.
- Attendance was tolerable (approx. 20 ppl).
- Tried a new venue in North Portland called Easton Broad.

Ryan Pinckard – Secretary – X – N/A

Cassie Kuwahara – Treasurer

- Financial reports for recent months will be sent via email soon.
- Still reconciling CRC expenses.
- Budget 2024-25
- Need to schedule a meeting to review & vote to approve by September 2025.
- Most likely being held in July with the annual BOG planning meeting.

COMMITTEE CHAIR REPORTS

Elsa Harder – Student Activities – X

- Nothing new at this time.

Kha Pham – Young Engineers in ASHRAE

- Ali Luqman is being recruited to help with YEA.

Victoria Ericksen – Membership Promotion

- July 18th @ PAE from 5-8pm
- Meet the BOG & how you can you get involved with ASHRAE
- August 28th @ Kennedy School w/ASPE (or September 4th)
- Membership appreciation event (YEA/MP/DEI/etc.)
- 574 current members

John Tijerina- Newsletter

- Nothing new to report.

Electronic Communications

- No report at this time.

Government Advocacy

- Athena is officially GAC moving forward.

Chapter Technology Transfer

- Nothing new at this time.

Honors & Awards

- Nothing new at this time.

Rosie and Team – Golf

- Cassie & Rosie went on the annual raffle prize shopping spree—got some great items!
- Looking to get sponsorships from companies in our industry
- The hats & golf balls for goodie bags have arrived. They look good!
- Tournament is almost sold out—only 3 sponsorships left.
- Pumpkin Ridge has a new tournament/event manager that Rosie is confirming details with.
- Info packet is still in production but expected to be released to registrants soon.

Rudy Nagasimha – Research Promotion – X

- Talked to Margaret Smith (endowment manager at ASHRAE Society) regarding the process of starting a new fund.
- Minimum to establish an endowment is \$30K. Can donate it over 3 years max. The fund accrues interest along the way.
- Whenever the minimum is hit, the fund needs 12 months to grow.
- Endowment provides a 5% guaranteed scholarship every year (30k – > 1500 scholarship).
- Every 15K in principal growth bumps up the scholarship amount (\$45K = \$2,250; \$60K = \$3,000).
- Only investment amount is invested, principal isn't touched. If money isn't spent, it rolls over to the next year.
- The chapter can set the criteria for awards, the chapter promotes and selects the recipient. ASHRAE only manages the funds.
- The chapter can choose to breakup that distribution (Multiple different scholarships or one large one).
- Any extra growth over 5% can be disbursed as needed or can be reinvested into the principal.
- Any contribution still counts as an RP donation.
- Application draft is available for the Chapter to review if we want to pursue this.

DEI – See MP report.

John Tijerina & Elsa Harder – CRC Chair

- Discussing a Call to Action and Tiered Sponsorships (more TBD).
- Discussing a joint trade show opportunity with CSI during their expo also at the Hyatt at the same time.
- Discussing providing vouchers for breakfasts rather than provide catering for an unknown quantity of ppl.
- Orientation party / welcome dinner will likely be held at MAC.
- Exploring hosting drag bingo or trivia as part of the welcome party to give serious PDX vibes.
- Looking for good YEA event sites—suggestions encouraged!
- Pips & Bounce tournament? OMSI? Arcade?

UNFINISHED BUSINESS

ASHRAE Polo's for the Board Members

- Cassie & Rosie are still researching for best options.
- Plan is to have them by the golf tournament.

NEW BUSINESS

- Bend/Cascades Section paperwork has been filed.

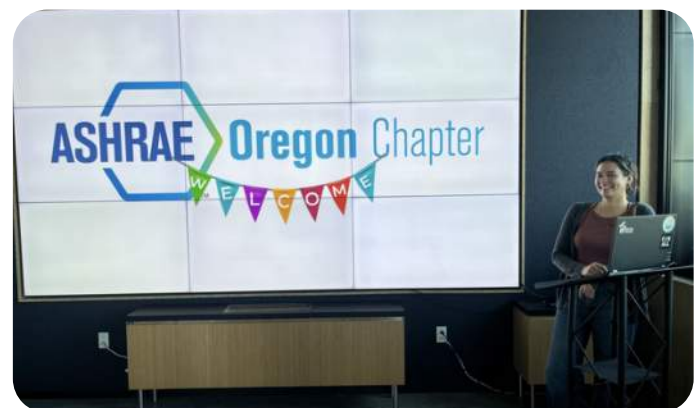
ANNOUNCEMENTS

CLOSURE

Motion to adjourn made by Cassie

Second to the motion made by Rosie

Meeting adjourned – 6:18pm



APPROVED MEETING MINUTES

September 11, 2024 BOG Meeting

Call to Order

A meeting of ASHRAE Oregon BOG was held virtually on 09/11/2024 at 4:52 PM by Elsa Harder.

Roll Call / Establish Quorum

Attendees included (voting governors notated with *):

*Elsa Harder - President | CRC Committee *Maddie Giovagnoli - Vice President of Programs | President Elect | DEI Chair *Ryan Pinckard - Secretary | MP Committee Member *Cassie Kuwahara - Treasurer | Golf Co-chair *John Tijerina - SA Student Activities Chair | CRC Chair | Newsletter Chair *Victoria Ericksen - MP Membership Promotion Chair *Rudy Nagasimha - RP Research Promotion Chair
Quorum Established? YES | NO - 6 of 7 Governors in attendance

Rosie Welch - Golf Co-chair | Special Events Committee | RVC YEA (Region XI) Eileen Jensen - Honors & Awards Chair | CTT Chapter Technology Transfer Chair Kha Pham - YEA Young Engineers in ASHRAE Chair Athena Edison-Lahm - GAC Government Advocacy Chair Devin Abellon - CRC Planning Committee Mark Trader - YEA Committee Member Brett Daniels - SA Committee Member | K-12 STEM Champion Rae Riddle - SA Committee Member | K-12 STEM Champion Hamed Shahrokian - Oregon Chapter Member
 Thomas Kelly - Cascades Section President Kyle Swenson - Cascades Section Vice President | President Elect Ryan Hilton - Cascades Section Secretary
 Rob Craddock - DRC Director & Regional Chair (Region XI) Jeff Hurd - RMCR Regions Members Council Representative (Region XI) Geoff Jenks - RVC GA Government Affairs (Region XI) Nicky Dunbar - Regional ECC Electronic Communications Chair (Region XI) Norm Grusnick - Regional Treasurer (Region XI)

Approval of Minutes

Minutes needing to be approved by vote: 2024 April / 2024 June; To be sent for review to vote in October

Officer Reports

President (Elsa): Nothing to report at this time aside from CRC (see section below).

VP Programs (Maddie)

- Looking into OMSI and a few other places for venues to use this year.
- October tech meeting is scheduled for October 17th @ Migration (Glisan)
 - Topic is Hydronic Balancing presented by Kirk Phipps (Hays Fluid Controls)
 - Event invitation will be sent soon
 - Need to figure out the Audio setup for the venue
 - Devin and Elsa might have an option for us to try out
 - CRC A/V equipment might also be an option
- March presenter is scheduled, more info TBD
- Looking into DL speakers
- Interested in the April DL co-host opportunity ("Dr. B" would present)
 - 3rd Thursday in April preferred

Secretary (Ryan)

- Will create a new minutes template for FY2024-25 by the October BOG.

Treasurer (Cassie)

- Working with Dena to review this tax year's numbers so far
- Uploading documents to Basecamp regularly for safekeeping

Research Promotion (Rudy)

- RP donation is being made for 2025 from the golf profits
- Full Circle RP donation is being submitted on behalf of all BOG & Chairs by Cassie
- Preparing for a Fall 2024 clay shooting RP event
- Targeting late September to get the event invitation to membership
- Still interested into establishing an endowment—more info was shared in June 2024

Student Activities (John)

- Will be sending out scholarship info to student branches.
- Will be scheduling visits to the different student chapters.
- Coordinating RVC visit with Justin Albo to Oregon.
- K-12 outreach has begun with committee support

CRC Chairs (John & Elsa)

- Will be meeting with our event coordinator at the Hyatt for planning purposes
- More info to come

Newsletter (John) - Nothing to report at this time

Membership Promotion (Victoria)

- Had a joint social in August with ASPE Portland
- At least 50 people attended
- Members were encouraged to bring their children
- Devin posted some action photos from the event in Basecamp
- 535 current members

538	Start Total: Total that your chapter started the year with. (Total includes paid and unpaid members and does not include students .)
11	Goal: Goal for number of new members, which is 2% (as set by your MP Regional Vice Chair).
549	Net growth goal: Total growth goal to reach by year's end.
530	Year End totals: Your chapter's membership total of paid and unpaid members at the end of the Year (06/30/2024).

APPROVED MEETING MINUTES

September 11, 2024 BOG Meeting (CON'T)

DEI (Maddie)

- Asking for help and/or a potential new lead Chair for DEI
- Devin could help train any new DEI chairs/committee

YEA (Kha)

- December 10th is target for the annual Ugly Sweater Party
- Working with many similar industry groups

Honors & Awards (Eileen)

- Nothing new at this time.
- Going to research our membership for CSA, DSA, ESA award eligibility.
- Fellow awards aren't due until May 2025

CTTC (Eileen)

- Had a kickoff meeting with the RVC.
- Puget Sound interested in co-hosting a DL in April 2025
 - Eileen to follow up after confirming.
- Working on procuring more applications for tech awards this year.
 - Add info to slides before tech meetings
 - Potential newsletter article

Golf (Rosie & Cassie)

- We made around \$24k profit at our tournament this past summer
 - Lower than usual, but this was expected as we tried a higher-end course and didn't raise our fees
 - Pumpkin Ridge did not perform to expectations, so we're researching a new course for 2025
- Gathering info from OGA & The Reserve
 - More info to be shared soon
- Targeting August 1st (+/- 1 week)

GAC (Athena)

- No report at this time.

Historian (n/a)

- No report. Still searching for a historian.

ECC (n/a)

- No report. Still searching for a historian.

Cascades Section (Thomas, Kyle, and Ryan)

- No report. They will be invited to attend October's BOG and all future as well.

Region XI (Rob & Jeff)

- No report/comments.

New Business

- Discuss the RP endowment fund in October

Announcements - N/A

Closure

Motion to adjourn by Elsa

Second by Cassie

Meeting adjourned at 5:54 PM

