

CRC Chapter Summary Report 2024-2025

Chapter President Michael Halcomb

April 21, 2025



2024-2025 ASHRAE CRC CHAPTER SUMMARY REPORT

| | | | | |
|--|------------------|--|-------------------------------|-------------------------------|
| REGION | VIII | CHAPTER WEBSITE: ASHRAECOK.ORG | | |
| CRC LOCATION | TULSA | | | |
| CHAPTER | CENTRAL OKLAHOMA | | | |
| CHAPTER NUMBER | 068 | | | |
| 1. MEMBERSHIP PROMOTION | | YTD/REPORTED 2024-2025 | REPORTED 2023-2024 | REPORTED 2022-2023 |
| NUMBER OF AREA-ASSIGNED MEMBERS (AAM) | | 277 | 233 | 258 |
| NUMBER OF CHAPTER DUES PAYING MEMBERS (CDPM) | | 120 | 129 | 143 |
| NUMBER OF NEW MEMBERS TO DATE (AAM) | | 26 | 38 | 28 |
| NUMBER OF MEMBERS DELINQUENT TO DATE (AAM) | | 20 | 11 | 23 |
| 2. STUDENT ACTIVITIES | | | | |
| NUMBER OF NEW STUDENT MEMBERS | | 15 | 19 | 11 |
| NUMBER OF ACTIVE STUDENT BRANCHES | | 2 | 2 | 2 |
| 3. CHAPTER TECHNOLOGY TRANSFER | | | | |
| NUMBER OF REGULAR MONTHLY MEETINGS WITH TECH PROGRAM | | 7 WITH 1 LEFT | 8 | 8 |
| MONTHLY MEETING ATTENDANCE (TOTAL/AVERAGE) | | 375/53.7 TO DATE | 420/52.5 | 312/39 |
| NUMBER OF SEMINARS, ALI COURSES, TOURS OR OTHER TECHNICAL PROGRAMS OUTSIDE REGULAR MONTHLY MEETING | | 5 | 5 | 4 |

| | | | |
|--|-----------|----------|----------|
| NUMBER OF TECHNICAL PROGRAMS ON REFRIGERATION TECHNOLOGY | 3 | 3 | 4 |
| NUMBER OF SOCIAL EVENTS SEPARATE FROM A TECHNICAL PROGRAM (I.E. GOLF, MEMBER'S NIGHT OUT, ETC.) | 7 | 6 | 8 |
| NUMBER OF TECHNOLOGY AWARD SUBMITTALS TO CHAPTER/REGION | 0 | 0 | 0 |
| 4. RESEARCH PROMOTION/FUNDRAISING | | | |
| CHAPTER GOAL | \$31,220 | \$41,820 | \$42,000 |
| TOTAL DOLLARS CONTRIBUTED | \$24,257 | \$24,832 | \$51,265 |
| 5. GOVERNMENT AFFAIRS | | | |
| LIST THE CHAPTER GOALS AND GRASSROOTS ADVOCACY OF THE PAST YEAR (USE SEPARATE PAGE) | SEE BELOW | | |
| INFORMATION THAT MAY BE INCLUDED: HOLDING COMBINED CHAPTER MEETINGS WITH OTHER ORGANIZATIONS TO DISCUSS HVAC&R, VISITING ELECTED/APPOINTED OFFICIALS, HOLDING A "DAY ON THE HILL," INVITING ELECTED/APPOINTED OFFICIALS TO SPEAK AT CHAPTER MEETINGS | | | |
| SEEKING PROCLAMATIONS FROM GOVERNORS, MAYORS AND OTHER ELECTED OFFICIALS FOR NATIONAL ENGINEERS WEEK (E-WEEK) | 0 | 0 | 1 |
| SOLICITING NOMINATIONS FOR THE GOVERNMENT ADVOCACY AWARD AND OBTAINING GOVERNMENT AFFAIRS AWARD ENTRIES INTO REGIONAL COMPETITION | 0 | 0 | 0 |
| NUMBER OF ADVOCACY MEETINGS AND OTHER ACTIVITIES | | | |
| OTHER GRASSROOTS ACTIVITIES NOT MENTIONED ABOVE (USE SEPARATE PAGE) | | | |

| | | | | |
|---|--|--------------|--------------|-------------|
| 6. YOUNG ENGINEERS IN ASHRAE (YEA) | | | | |
| NUMBER OF NEW YEA MEMBERS | | 6 | 10 | 10 |
| NUMBER OF TOTAL YEA MEMBERS | | 52 | 49 | 50 |
| PERCENTAGE OF YEA MEMBERS FROM THE TOTAL CHAPTER MEMBERSHIP | | 19 | 21 | 19.4 |
| 7. CHAPTER HISTORY | | | | |
| CHAPTER HISTORICAL DISPLAY AT CRC | | YES | YES | YES |
| CHAPTER HISTORY MOVED TO WEB SITE | | YES | YES | YES |
| 8. FINANCES | | | | |
| TOTAL FUNDS BALANCE | | \$114,381.93 | \$102,067.79 | \$72,454.00 |
| CHAPTER DUES | | \$65 | \$60 | \$60 |
| MEMBER COST OF MEALS | | \$30 | \$30 | \$30 |
| DATE OF LAST CHAPTER AUDIT | | JULY 2024 | JULY 2023 | NOV 2022 |

Executive Summary

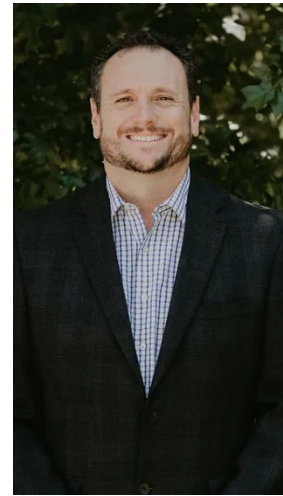
The strength of the Central Oklahoma ASHRAE chapter is in its volunteers. We are very fortunate to have people that continuously volunteer every year and contribute. The last few years that I have been more engaged in ASHRAE I have found that it is truly remarkable when you find the kind of talented people we have and a giving heart to donate their time and energy to others.

I was looking back at some of our chapter history this year and talking to folks that attended our meetings when the attendance was in the 100s years ago. I have been thinking to myself “how do we get back to those numbers”. My message this year has been trying to coerce people into coming to our meetings. Unfortunately, I think we are dealing with society problems more than people being interested.

Our industry has changed so much, just in the last 30 years I have been in it. We live in the busiest era in history. But here’s the twist: it’s not just because we have more to do. It’s because we have *more pulling at our attention* than ever before. While we have more tools and can communicate quicker and easier than ever before. The line between work and life has blurred. We check emails at dinner, listen to meetings while driving, and scroll social media in the five seconds we stand in line. We tell ourselves we’re being efficient, but the cost is real: fractured focus, mental fatigue, and the constant feeling that we’re falling behind.

The irony is that all this “busyness” doesn’t always equal productivity. We’re *doing* more, but often *accomplishing* less. We’re overcommitted and under-connected, racing from task to task without pausing to think, reflect, or recharge.

I have been thinking about this all year long and I think we may need to approach things differently with new ideas as everyone is having the same problem in getting members to show up for meetings and events. It is going to take some out of the box thinking to improve this. I will still be involve in an officer role the next couple years and want to try and find new ways to get people to meetings.



Officers:

| | |
|----------------------|-----------------|
| Michael Halcomb | President |
| Scott Sanders, PE | Vice President |
| Will Thompson | President-Elect |
| Stephanie Thomas, PE | Treasurer |
| Kale Harper, PE | Secretary |

Board of Governors:

Josh Arnett; Jon Wilbore, Payton Parker; Damon McClure; John Dale

Committee Chairs:

| | | |
|---|---|-------------------------------|
| Chapter Technology Transfer (CTTC) | Kale Harper, PE John Dale | Chair Co-Chair |
| Student Activities | Michael Akins Payton Parker Aruna Abharagoonawardhana, PE | Chair Co-Chair Co-Chair |
| Young Engineers in ASHRAE | Ty Klakulak John Wilmore | Chair Co-Chair |
| Membership Promotion | Will Kinser Ryan Sutton | Chair Co-Chair |
| Historian | Dusty Stoabs, PE | Chair |
| Research Promotion/Events | Mathew Akins | Chair |
| Government Affairs | Caleb Deck, PE Jeff Forman Byron Hughes | Chair Co-Chair Co-Chair |
| Electronic Communication | Josh Arnett | Chair |
| Social Media | Heather Martin | Chair |
| Refrigeration | John Dale | Chair |
| Chapter Honors and Awards | John Harrod, PE Caleb Spradlin, PE | Chair Co-Chair |
| DEI in ASHRAE | Jamie Whittington | Chair |

Chapter Problems (Challenges)

We started our year hosting a planning meeting at my residence in July. At this meeting we identified a plan for the year discussed some strategies to work toward.

- **Meeting Attendance**
- **The cost of the meetings due to food**
- **Chapter Growth**
- **Social Events Outside of Chapter Meetings Attendance was down this year.**

Meeting Attendance

This one has been a topic for discussion all year long. We averaged just basically one more person than we did last year. Some topics clearly brought more members. As stated in the executive summary, it is going to take some new ideas and/or out of the box thinking to increase our meeting attendance. Some meetings we had 60 or more registered, however due to their schedule or workload they did not attend. In Central Oklahoma we have a great problem right now and it is workload. This past year companies were hiring and struggling with getting projects done, from A&E down, especially on the contractor side.

This needs to be continued to be discussed. We are moving our May chapter meeting to a different location to see if that helps. We also will be doing a drawing for a \$450 gift card at that meeting for the folks that attended at least 6 meetings and made a RP donation of \$25 or more.

The cost of meetings due to food.

We lose \$400 to \$600 dollars at each chapter meeting depending on the attendance due to food cost. We have discussed different venues and prices. Raising the cost of the meal, however most BOG members have come to the consensus that that could deter people from attending. We discussed this issue at our March and April BOG meetings. We are going to discuss maybe having a meal sponsor or sponsors for next year and how to accomplish it at our May BOG meeting.

Chapter Growth

Our Chapter membership has remained steady over the years, as members naturally join, transition out of the industry, or transfer to other Chapters. As we look to grow, we recognize that our greatest opportunity lies in recruiting the next generation of engineers into our industry.

Over the last 2 years, one key strategy we've identified is leveraging the power of social media. We've encouraged all Chapter officers, Board of Governors members, and committee chairs to follow our Chapter's LinkedIn page and actively share updates on meetings, events, and opportunities. This simple action expands our reach, allowing individuals in our extended networks to engage with our content, learn about upcoming activities, and reach out for more information.



By consistently sharing relevant content, we hope to spark interest, create connections, and ultimately welcome new members who are eager to explore what ASHRAE has to offer.

Social Events Outside of Chapter Meetings Attendance was down this year.

This has been consistent all year long. Previous 2 years our attendance at our golf outing, HVAC Expo and Corn Hole Tournament were better. The biggest contributing factor this year has been the contractor's participation. As stated above: In Central Oklahoma we have a great problem right now and it is workload. This past year companies were hiring and struggling with getting projects done, from A&E down, especially on the contractor side. We had people register for the events, but at the last minute they couldn't make it do to project requirements. When asked, that was the consistent reason. This will change as the roller coaster of the industry goes up and down, but we missed some companies this year that would normally be in attendance.

Chapter Innovations and Suggestions

- **PHD Flier with QR Code at Chapter Meetings**
- **Created a sign with a QR Code to make it easier for people to Join ASHRAE**
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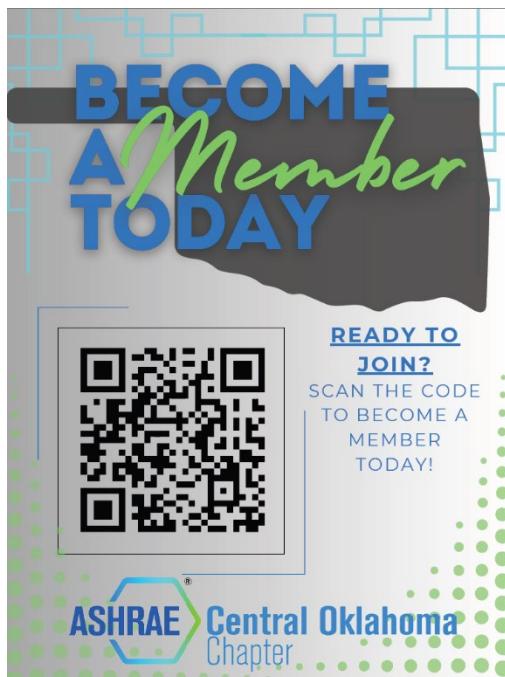
PHD Flier with QR Code at Chapter Meetings

Last year CTTC decided to simplify the process by creating electronic evaluation forms. Attendees scan a QR code on the table that opens the evaluation form for the speaker. Once the evaluation form is completed and submitted, a link to a certificate of attendance is provided for the attendee to download the certificate.

This year he included the ability to fill out the information and get the PDH also.

Created a sign with a QR Code to make it easier for people to Join ASHRAE

Our MP Chair created a fold out sign to have at all our events to talk to people about becoming a member. They could use the QR code on the sign to take them to the ASHRAE website to make it easier to become a member.



Summary Form Background

Membership Promotion:

Our Membership Promotion Chair Will Kinser and Co-Chair Ryan Sutton worked this year to add 26 new members to our chapter this year. We had 2 Chapter meetings this year that was a “Bring a Non-Member” meeting in both March and April. Will Kinser and Ryan Sutton both had lunches and coffee meetings inviting non-members to Join ASHRAE.

Membership Promotion



Student Activities:

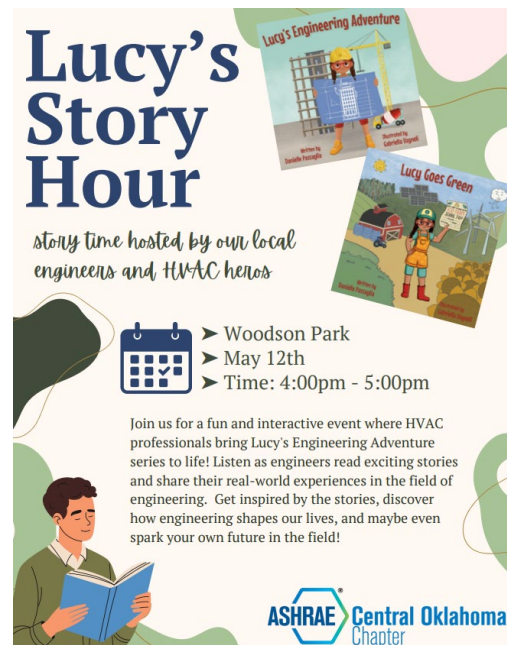
We have added 15 student members this year.

Central Oklahoma Chapter YEA member and Student Activity committee member, Payton Parker leads our K-12 activities. Payton has coordinated 2 events with Boys and Girls Club on March 14th and April 14th building projects with legos. One of which was a Chiller. She has a with Read of Lucy’s Story Hour scheduled for May 12th at which Chapter officers will read the book. “Lucy’s Engineering Adventure,” .

Our Student Activity Chair, Michael Akins, arranged for 9 students from the Oklahoma State University Student Chapter to visit the Loren Cook factory in Springfield, MO to learn about the manufacturing process, testing, and certification for fans.

The Chapter sponsored 8 students to attend the Winter Conference in Orlando this year.


Our Chapter was able to provide 3 scholarships this year in the amount of \$2,000.00 each.



Lucy's Story Hour
story time hosted by our local engineers and HVAC heroes

- ▶ Woodson Park
- ▶ May 12th
- ▶ Time: 4:00pm - 5:00pm

Join us for a fun and interactive event where HVAC professionals bring Lucy's Engineering Adventure series to life! Listen as engineers read exciting stories and share their real-world experiences in the field of engineering. Get inspired by the stories, discover how engineering shapes our lives, and maybe even spark your own future in the field!

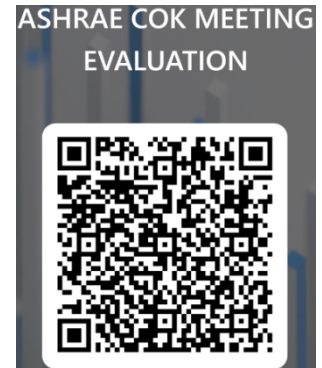



Chapter Technology Transfer:

Our CTTC chair, Kale Harper had our speakers for the year arranged by November. The objective for the Chapter was to avoid topics presented by a manufacturer. We wanted topics that appealed to our membership and would be difficult to hear anywhere else.

Kale also created another QR code this that simplified the process of filling out and getting the PDHs to the meeting attendees.

We maintained our meeting our average meeting attendance this compared to last.



Below are our meeting topics for this year

- | | |
|-------------------------------------|--|
| October 9th 2024 | Chiller Applications for Electrification with Geothermal Benefits |
| November 6th 2024 | Central Plant Fundamentals |
| December 5th 2024 | Presentation from Society President |
| January 8th 2025 | HVAC Impact on Building Sustainably and Decarb 101 |
| February 5th 2025 | Air Handling Unit Applications |
| March 6th 2025 | Data Center Commissioning: The Top 5 Management Strategies You Need to Know Right Now |
| April 2nd 2025 | ASHRAE and AFCOM Panel Discussion |
| Upcoming | |
| May 7th 2025 | Fans |

We had a Refrigeration tour on February 27th, 2025 at Anthem Brewing in downtown Oklahoma City. We had 13 members in attendance.



**Come meet your
ASHRAE President**

M. Dennis Knight, P.E., BEMP, Fellow Life Member ASHRAE, ASHRAE's President for the 2024-25 term

"Empowering Our Workforce: Building a Sustainable Future"

WHEN:
THURSDAY, DEC 5, 2024 | 11:30 AM to 1:00 PM

WHERE:
Chicken N Pickle
(Downstairs Meeting Room)
8400 N Oklahoma Avenue, Oklahoma City, OK,
73114

ASHRAE [®] **Central Oklahoma**
Chapter

Research Promotion:

The goal set for our Chapter this year was \$31,220.00. Our Chapter achieved Full Circle again this year.

This is a continuation from last year's president - to increase the number of individuals contributing to Research Promotion and to increase attendance for our meetings, Our Research Promotion Chair, Mathew Akins is giving away a \$450.00 gift card to a member that makes a minimum \$25 donation and attends 6 of our scheduled 8 meetings.

Government Affairs:

Caleb Deck, PE led our Government Affairs committee this year. Caleb has served on this committee prior and this is his second year chairing the committee. Caleb is a strong advocate for decarbonization and sustainability and worked to deliver ASHRAE's message loud and clear to government officials. Caleb met the Presidential Initiative to provide meaningful leadership, action, resources and advocacy.

On February 25th, 2024, we partnered with the Northeast Oklahoma Chapter for our annual "Day on the Hill" government outreach day. Six members from the Central Oklahoma Chapter, met at the Oklahoma State Capitol to discuss important topics with Senators and Representatives.



We conducted meetings with 7 senators and representative offices, discussing 9 bills relating to the building industry, energy efficiency measures, and resiliency.

Relevant Bills:

HB 1450 – Moratorium on renewable energy and infrastructure - Dissent

HB 1452 – Added taxes on electricity from zero emission facilities - Dissent

HB 1580 – Tax Credit for homes exceeding ASHRAE 90.2 and Net Zero ready homes - Support

HB 2037 – Repeals energy conservation act, contracts, and lease purchase agreements - Dissent

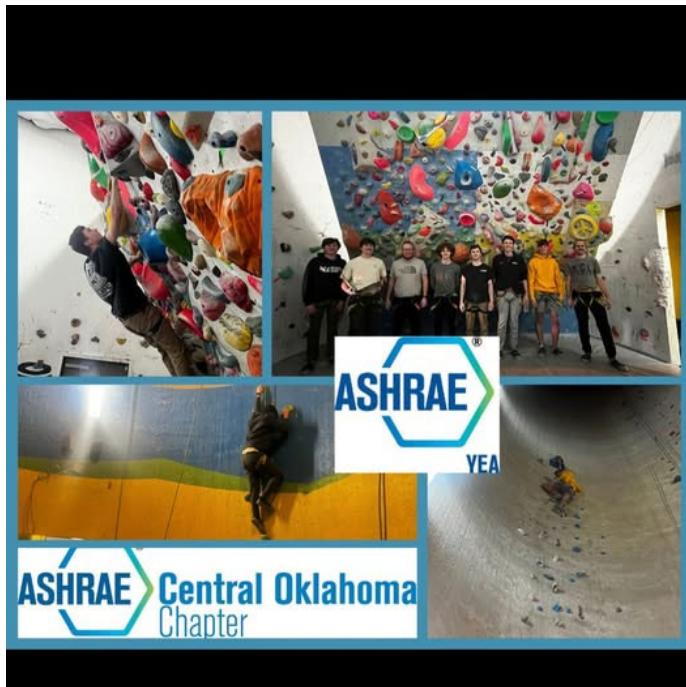
HB 2084 – Contractor/journeyman license must have CEs and renew every 3 years - Support

- SB 99 – Reauthorize another year of tax credits for energy efficient properties - Support
- SB 239 – End tax credits for zero emissions facilities - Dissent
- SB 614 – of Commerce lists federal, state, local, and tribal energy efficiency programs - Support
- SB 619 – Industry cap of energy usage or plans for energy efficiency improvement plans - Support

Young Engineers in ASHRAE (YEA):

For the year we have added 6 new YEA members to our roster, bringing our total YEA membership to 52. It is important to note that 13 of these 49 YEA members volunteer in our Chapter as Officers, Board of Governors, Committee Chairs, Co-Chairs, and Committee members.

Our YEA Chair, Ty Klakulak and Co-Chair John Wilmore, held a Controls 101 event in October, Had a Rock Climbing social event in January and is scheduling a Paintball Social event in May. In October 2023 our YEA members toured the downtown Oklahoma City district energy plant that provides steam and chilled water to buildings in downtown Oklahoma City. Again 14 people were in attendance.



Chapter History:

The Central Oklahoma Chapter Historian, Dusty Stoabs, PE continued to volunteer as our Chapter Historian for his 10th year.

| Newsletter | History Topic |
|------------|--|
| September | INTERVIEW WITH MR. SCOTT SANDERS, PAST PRESIDENT |
| October | THE GOLD RIBBON AWARD FOR HISTORY |
| November | DIVERSITY IN ASHRAE (DIA) |
| December | IN REMEMBRANCE OF TINO MENDEZ (1941-2024) |
| January | CHAPTER YEAR 2017-18 |
| February | FRANK X. LOEFFLER, SR. |
| March | HALL OF FAME: BOBBIE J. VERMILLION |

Dusty is diligent in making all our chapter's historical documents readily available on our website and always keeping the history pages on our website current. Continuing the tradition of interviewing the Past President, Dusty interviewed last year's Chapter President, Scott Sanders.

Dusty also helped with our DEI chair Ms. Jamie Whittington in an interview with our Treasurer and it was published in our November Newsletter Titled "STEPHANIE THOMAS: THE GUTS TO GO FOR IT"

Dusty's slide for the CRC is an excellent reminder of our roots and lists many of the firsts in Region VIII and Society that Central Oklahoma has been part. We presented Dusty's slide at our April meeting as a reminder to our members, and informing our new members, of our Chapter history and success.

Finances:

The Central Oklahoma Chapter is performing well financially. As of our April BOG meeting Our march Treasurers report shows our active checking account sits at \$55,039 and our CRC fund at \$59,343. One of our scholarship endowments is currently \$92,320. We had another endowment reach the \$60,000 threshold this year and we will be able to increase our scholarships. We set up line items last year for our budgets starting this year to fund the expenses associated with centralized training for Research Promotion, Student Activities, and Membership Promotion; attendance at YEA Leadership Weekend, and Leadership Academy. We also continue to help offset the cost for attending the Winter Conference for Student Members that attend.



Chapter Communications:

Our Communications/Newsletter/Social Media chairs are Josh Arnett, Rebecca Cawyer, Heather Martin and all 3 have done a great job on our communication outlets.

Josh Arnett is our webmaster and keeps our website up to date. Josh also is responsible for our e-mail blasts to our membership.

Rebecca Cawyer is in her first year as newsletter editor and has changed our look and we have had many compliments from members.

Heather Martin serves as the Chapter Social Media Chair and uses Facebook, Instagram, and LinkedIn to announce our meetings, events, and market our scholarships.