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PRESIDENT'S MESSAGE

By Matt Simmons

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Dear Members and Supporters,

I hope everyone had a Merry Christmas and a Happy New Year. The NEOK ASHRAE chapter has already hosted many great events to close out the year 2023, and I am excited about all our upcoming events for 2024. Our first event of the new year will be our January chapter meeting. I wanted to remind everyone that this chapter meeting will be on January 17th, which is later in the month than usual due to the holidays. We will be back at the Tulsa Country Club for a lunch meeting, with more details below in the CTTC article. Hope to see you there.

Decarbonization has become a buzzword in recent years, and there have been various new regulations across the country regarding decarbonization. ASHRAE notes, "There are many different ways to reduce carbon footprints of new and existing buildings in an effort to decarbonize a building. ASHRAE's intent is not to endorse any one method, rather to provide standards, guidelines and recommendations of possible paths to decarbonization for building owners and engineers who choose to pursue a reduced carbon footprint for their facility". If you are interested in learning more about decarbonization, ASHRAE has two parts of a four-part "Decarbonization 101" series available. These videos provide an overview of building decarbonization, an introduction to industry terminology, a discussion on global impact, and information on ASHRAE's involvement in the path to decarbonization. You can find the first two parts by following this link: Decarbonization 101 – A Four-Part Video Series | ashrae.org, with parts 3 and 4 coming soon.

I would also like to remind you about something I touched on last month, which is ASHRAE's Job Board. Not only does the ASHRAE Job Board provide a platform for employers to advertise opportunities and for job seekers to search for opportunities, but it also has a career planning portal. The career planning portal can help with tips on resume writing, insight on career opportunities with in-depth data for industry outlook and coaching

from an experienced and certified career coach. You can check out all that the ASHRAE Job Board has to offer at the following link: Engineering Jobs - ASHRAE Job Board

UPCOMING EVENTS

- Jan 25th **BOG Planning Meet**ing / Thursday, January 11, 2024 / 11:30 AM 12:30 PM

- Jan 17th

Chapter Meeting / Wednesday, January 17, 2024 / 11:30 AM 12:30 PM / Tulsa Country Club Dave Schurk "Driving Hospitals Toward Net-Zero".

Matt Simmons

Matt Simmons 918-258-6890



CHAPTER TECHNOLOGY TRANSFER/PROGRAMS

By Michael Floyd

Thank you to everyone that was able to make it for our last ASHRAE meeting of 2023! I hope everyone enjoyed the panel of speakers and their answers to the multiple questions we had lined up for them. Hopefully we'll be able to use the answers they gave from experience on future projects of ours. This was a great discussion on full project complications and solutions. I'd like to thank all five of the panel speakers for being willing to answer and discuss questions at our chapter's December meeting.

Our next Chapter meeting speaker will be David Schurk (one of ASHRAE's Distinguished Lecturers). David will be speaking on "Driving Hospitals Towards Net Zero-Reducing Greenhouse Gas Emissions and Increasing Climate Resilience". David Schurk is Director of Healthcare and Applied Engineering Markets for Innovative Air Technologies, a manufacturer of desiccant dehumidifiers, in Covington, GA. He also serves as Committee Chair for the (ASHE) American Society of Healthcare Engineering Sustainability and Decarbonization Leadership Task Force, and as Member on the ASHE Rapid Response Task Force. He has over 40 years of experience in the design and analysis of heating, ventilating, and air-conditioning systems for a variety of market sectors, with a special focus on healthcare and aerospace environmental control and air quality. It'll be a very interesting

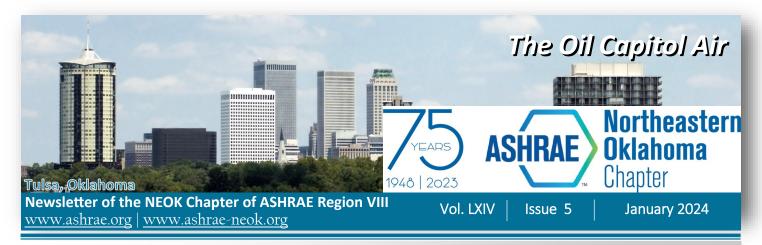


topic, so please try to find time to join us for lunch on January 17th at 11:30am for our next ASHRAE meeting at the Tulsa Country Club (701 N. Union Ave).

For a glimpse into the future, I'd like to encourage everyone to block off a small portion of their day on February 7th for our ASHRAE meeting, where we'll be welcoming Kirby Lee.

Michael Floyd 918.836-0271

Floud@locandbrowno.com



HONORS & AWARDS

By Mike Beda

We are still in need of a candidate for the Chapter Service Award to take to CRC in April. If you feel you might be close to the 12 points required, please give me a call or email to review your updated bio and review of completed scoring sheet.

The NEOK Hall of Fame will be given at the February or March chapter meeting. The inductee will be announced in the February newsletter.



TREASURER REPORT

By Eric Mulliniks

Our chapter's current net worth as of November 30th 2023, is as follows.

BOK- General checking: \$12,719.27

BOK-Investments-CRC-Training: \$35,284.69

Jack Tumilty Scholarship Fund: \$26,660.35

Total assets: \$74,664.31

Eric Mulliniks 918.624.1005 emulliniks@eei-ok.com



RESEARCH PROMOTION

By Chad Marazas

We will be handing out the remaining donor coins at the January meeting. Some bronze level coins were mailed directly to individuals, so check your mailboxes. Please feel free to contact me with any questions you have regarding donations to RP. We are working on some additional RP events in the Spring. Stay tuned!

Please help us support ASHRAE research by making your donation today! Donations may be made in person, by mail, or online.

https://www.ashrae.org/about/invest-in-the-rp-campaign

Chad Marazas 918.688-6784

cmmarazas@trane.com



STUDENT ACTIVITY

By Sam Arain

We had a great turnout for the Lunch & Learn last month! Let's keep that up with all the fun and exciting events in the works.

Be on the lookout for the ASHRAE scholarship going live in January. Applications for the Jack

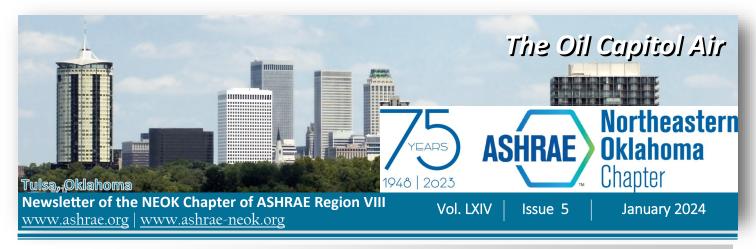


Tumilty scholarship are given to graduating high school seniors, went out in December and will be awarded in April. The applications for the NEOK chapter scholarships is given to current college students will be going out soon.

Also, if you enjoy basketball or tailgates, be on the lookout for a TU basketball tailgate coming soon."







MEMBERSHIP PROMOTION

By Colin Bjostad

ASHRAE offers a range of membership options to suit your (or your friend's) needs:

ASHRAE Member: For professionals and practitioners in the HVAC&R industry.

ASHRAE Associate: For recent graduates and emerging professionals.

ASHRAE Student: For students pursuing a degree in a related field.

For anyone you know that's ready to elevate their career and make a lasting impact on the HVAC&R industry, tell them it's time to join ASHRAE today!

Have your buddies visit https://join.ashrae.org/ to sign up and explore the full range of benefits that come with being an ASHRAE member.

Examples of Fun Membership Activities, YEA Christmas Party!



Colin Bjostad 214.215-3561 Overigroup.com





GOVERNMENT AFFAIRS

By Chad Smith

Happy New Year! As each new year starts, everyone starts over with their new plan and goals for the coming year. GAC activities this year will be no exception.

When we have our discussions about ASHRAE and the HVAC industry with elected officials, we always highlight some facts about the HVAC industry's impact on the economy in the State of Oklahoma. They include:

- Total economic output from the HVAC industry in the state of Oklahoma ranks #9 in the US.
- Total number of jobs <u>directly</u> related to HVAC industry is over 22,000, ranking Oklahoma #15 in the US.
- One study showed 1 out of every 84 jobs in the state of Oklahoma civilian labor force is in the HVAC industry. This ratio ranks Oklahoma a #2 behind only the state of Texas.
- In the last 5 years, HVAC manufacturers have invested well over \$ 400 million in new facilities and renovating/repurposing existing facilities.

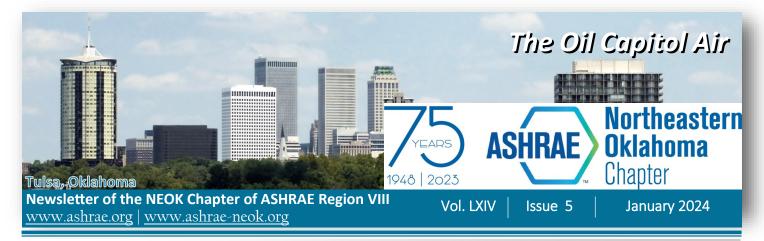
We look forward to our coming opportunities to meet with municipal and state leaders and will be sending out communications for members to be able to participate in the meetings as they are scheduled.

Also, a reminder that February 18-24th is National Engineers week. ASHRAE will be securing a Mayoral Proclamation recognizing the week along with NEOK ASHRAE's efforts to promote the HVAC industry and STEM education. We will be working with Student Activities as well as our public offices to promote growth in these areas.

That leads us into the upcoming annual Outreach visit to the State Capitol soon. We are settling in on a day in March and will be spreading the word, but I encourage you all to plan on joining us. It is a great day to connect with your legislators and promote ASHRAE and the HVAC industry.

Lastly, any time you find yourself speaking with public officials at the municipal or state level, don't forget to remind them of the ASHRAE certification programs that are available to anyone. You can pass on this link, <u>ASHRAE Certifications</u>, where they can find out more about the course content, costs, and other information.

Chad Smith 918.704.7905



YEA By Zach Seizinger



YEA had a great turnout at Fassler Hall for our annual Christmas Party and Toy for Tots Drive, with 30 guest, many amazing sweaters and great donations. Congratulations to Ellen Espigares for taking home the award for the ugliest Christmas sweater... she set the bar high for next year's competition. Our next event will be after the Holidays, looking forward to seeing everybody soon! See pictures in the membership promotion section and additional photos can been viewed here: https://www.ashrae-neok.org/photos

Zach Seizinger 918-406-9130

zseizinger@eei-ok.com

ELECTRONIC COMMUNICATIONS

By Sara Fazel

Happy 2024! The communications team is hard at work updating some of the programs on our website.

Our next meeting is on January 17th, and we are planning on having a virtual option available. The information for the Webex will be included in our evite. There is no cost to attend our virtual meetings. In addition to including the link to our virtual meeting on the evite, we will also be including a link to our storefront in case you would like to facilitate check-in and pay in advance.

Be sure to keep an eye on the website for upcoming events and connect with our social media to make sure you don't miss anything! We are active on Instagram and Linkedin!

Do you know someone in the NEOK ASHRAE Chapter that has gone above and beyond? Find a cool HVAC joke or picture? Maybe you are part of another organization having an event and would like some ASHRAE participation? No matter what, if you would like anything posted on the website or our social media sites, please fill out this 2023-2024 NEOK
ASHRAE Social Media Posts (office.com) and we will get it posted!



Click on one of these logos to visit our pages.



Sara Fazel 918-584-9976 sara.fazel@airetechcorp.com



HISTORY By Steve Johnson

History of NEOK Chapter Hall of Fame – Part 1 (Part 2 in February 2024 will include year's 2021, 2022, 2023 and the 2024 HOF Inductee)

 The Hall of Fame Award was established in 2018 with the first class inducted in 2019—Annual nomination (s) are entrusted to the Honors & Awards Committee - Nominees are approved annually by the current Officers and BOG.

2020 Hall of Fame Inductees

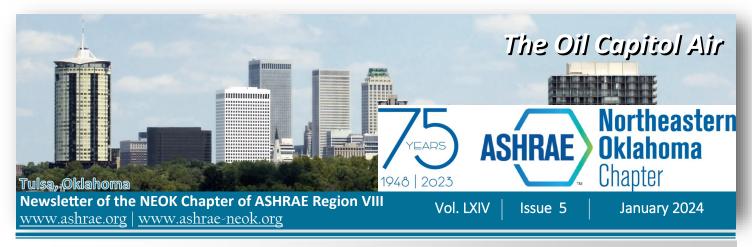


Norm Asbjornson - After a tour of duty in Korea with the Army, he graduated from Montana State University with a degree in Mechanical Engineering in 1960. After 28 years working in the HVAC Industry, Norm founded AAON in 1988 by purchasing the HVAC division of John Zink Company. Norman's goal was to create a commercial HVAC company that would design and manufacture semi-custom equipment which would excel in performance relative to the marketplace. Starting in Tulsa, OK, AAON has now expanded manufacturing to 3 additional sites with a collective 2,832,000 S.F. and close to 4,000 employees. AAON has been a major contributor to ASHRAE, beginning contributions to ASHRAE Research Promotion in 1993 and in 2000 they became a Golden Circle Contributor at \$10,000. In 2013 they stepped that up to Platinum Circle Contributor at \$20,000. They support their employees in service to ASHRAE with many serving in leadership roles on Local level as well as Regional and Society levels. AAON has always stepped up to sponsorships to NEOK ASHRAE events through the years.



Gene Redford served as the chapter fiftieth President in 1998/99. Gene joined ASHRAE in January 1968 while working for Jack Tumilty with Collins Engineering Co. After graduating from Tulsa Central High School Gene served in the US Army, stationed in Germany from 1959 to 1962. He worked for Jack from 1962 to 1973 and joined Natkin & Co. as a project manager. In 1979 Gene joined Natkin Service where he stayed until 1994. He rejoined Natkin Service as District Service Manager until he retired in 2005. In 2007 Gene went back to work and joined McIntosh Service as an Account Manager. Gene has been involved in the NEOK chapter in many positions over the last 47 years. He received the chapter service award and was awarded the Golden Gavel his year as President.

Article continues.



HISTORY By Steve Johnson

Continued. . . History of NEOK Chapter Hall of Fame – Part 1 (Part 2 in February 2024 will include year's 2021, 2022, 2023 and the 2024 HOF Inductee)

2019 Hall of Fame Inductees



Chick Morse served as the chapter's thirty-seventh President in 1985/86. Joined Gulf Oil Company in 1952 after 4 years of military service. Joined Process Equipment Company, in sales, in 1966 through his retirement in 2000. He is NEOK's Chapter first Golden Gavel winner as chapter president. Chick's other awards include Chapter Service, Regional Award of Merit, Distinguished Service and Distinguished 50 Year Member Award. Chick served the Region as Alternate and Delete of the Society Nominating Committee. He also served on the Society Research Promotion Committee as Regional Vice-Chair and as Chair of the Committee.



R. F. Shoemaker Sr. was a charter member served as the **third President 1951/52**. Richard joined his father Forrest Shoemaker, in the air conditioning company in 1946 with a B.S. in Mechanical Engineering from Purdue University and obtained his P.E. in 1963. Richard's son Rick Jr. third generation is active in the family business still today. Richard has passed away.

Article Continues.



HISTORY



Jack E. Tumilty served as the chapter eleventh President in 1959/60. This was the year ASHAE became ASHRAE and Region VIII was established. Jack graduated from OU in 1948 with a BSME and became a PE a brief time later. He moved around and worked for several companies before moving back to OKC and joined Collins Engineering & Associates in 1951. In 1952 Jack moved to Tulsa and opened the Tulsa branch of Collins, and later appointed as Vice President in charge of the Tulsa office. Jack served as chair for the ASHRAE Standard 90 from 1974 to 1980 and has received many awards including Distinguished Fellow, Distinguished Service, Regional Merit, Chapter Service, 50 year and life member. Our chapter established a Jack Tumilty Scholarship in his honor. Jack has passed away.



Steve Johnson 918-955-4462 Steve.johnson55@cox.net

IN MEMORANDUM

Robert Bruce Piland. October 6, 1960 - August 9, 2023

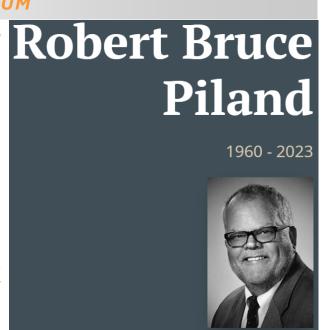
Robert Bruce Piland was born October 6, 1960, in Bartlesville, OK, to Vollie Mathis Piland & Mary Lou (Osborne) Piland and passed from this life on August 9, 2023, in the comfort of his own home after a yearlong battle with cancer.

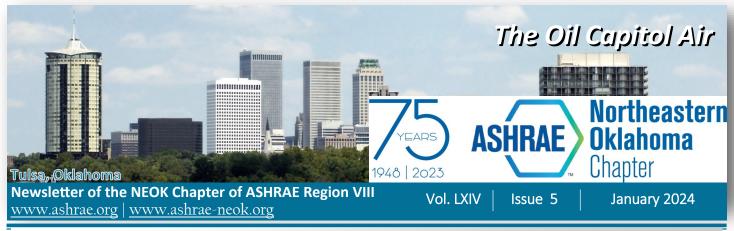
Please see links for more information:

https://www.ashrae.org/news/esociety/obituaries-december-2023

Legacy Link:

https://www.legacy.com/us/obituaries/tulsaworld/name/robert-piland-obituary?id=52684845





MEETING MINUTES—BOG

By Sara Fazel

Recording Of Minutes

<u>Chapter:</u> Northeastern Oklahoma Chapter 069	Meeting Date: November 9, 2023
Meeting: November BOG Planning Meeting	
Attendance: (12) in person	Compiled By: Sara Fazel

<u>Attendees:</u> Matt Simmons, Sara Fazel, Mike Kirk, Keith Averitt, Steve Johnson, Susan Crenshaw, LeAnna Reynolds, Eric Mulliniks, Chad Marazas, Austin Barton, Dan Owens, Chad Smith

The NEOK November BOG Planning Meeting was held at McNellies, 7031 S Zurich Ave, Tulsa, OK 74136. President Matt Simmons called the meeting to order at 11:39am.

President: Matt Simmons

Audit has been sent to DRC

All Chairs need to reach out to RVC and copy Matt

Matt to order presidents pins

Planning on Par 3 for Spring

Matt to check in with Nolan and Keith/ find someone to organize

Matt to reach out to Ryan Dunkerson for Skeet Shoot

Sara to email membership with survey and post on website

Gala went well – there were 108 people in attendance

Vice President: Austin Barton

Changed date on when newsletters are due

Before BOG meeting from now on

Created a team to review newsletter

Treasurer: Eric Mulliniks

Review budget

Need to increase CRC to \$2000 for deposit to Hyatt

Dan to investigate setting up new LLC for CRC

Steve made a motion to portion the funds from the expo as follows:

\$9,500 check as reimbursement for loans from 2022/2023 Chapter Year



\$4,000 check to line 103 for the gala Remaining \$16,202.68 into the CRC/ Training fund

Austin seconded motion. Motion approved at 12:07pm

Steve recommended adding \$1,000 to line 103 income and \$1,000 to line 225 expense due to increase sales and costs for 75th Anniversary meal tickets.

Sara made a motion to approve the budget as amended. LeAnna seconded motion. Motion approved at 12:19pm.

Need to finish invoicing golf sponsors – there is about \$2,100 in sponsorships that haven't been collected

Steve made a motion to commit \$7200 to RP, with payment made to satisfy minimum RP goal by Dec 1st. Mike seconded the motion. Motion approved at 12:26pm.

Secretary: Sara Fazel

Sara made the motion to approve the October BOG meeting minutes and November Chapter meeting minutes. Steve seconded. Minutes approved at 12:27pm.

Attendance/ Reception: Richard Shoemaker

No report.

PAOE: Keith Averitt

Everything up to date – we need to focus a little more.

CTTC: Michael Floyd

No report

Communications: Bryce Beall and Sara Fazel

Sara to put membership survey on website and email out

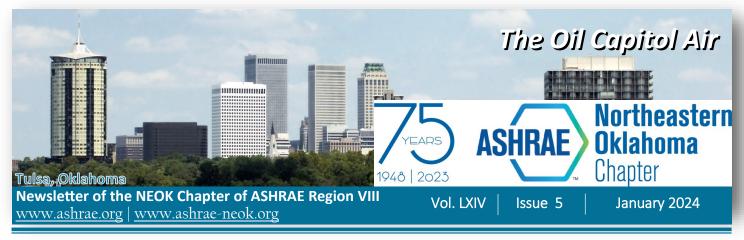
GAC: Chad Smith

Reschedule call with K. Hern

Trying to set up a call with Incog after Thanksgiving

Historian: Gene Redford and Steve Johnson

Still a few banners missing. Steve will pick these up – if anyone identifies where they might be located



Had phone meeting with RVC

This month's article is about Aaon.

Will send out a questionnaire for past presidents in order to update the Chapter Past Presidents Biography

Honors and Awards: Mike Beda

Chapter Hall of Fame selections will begin in early December.

Membership Promotion: Collin Bjostad and Sara Fazel

Met with RVC

Want to replicate Breakfast with the Board with Contractors in the Spring

Refrigeration: Eric Mulliniks

Scheduling tour at SWEP. Will do in the New Year.

Thoughts of doing an ice rink tour and mixing with YEA/ MP

Research Promotion: Chad Marazas

Full Circle has been submitted

RP tokens have been requested – would like to make December meeting "employer recognition" meeting

Do we want to create an ASHRAE NEOK scholarship fund?

Special Events: Nolan Chance, Ryan Dunkerson

No report

Student Activities: Sam Arian and Levi Conley

No report

YEA: Zach Seizinger

Planning Christmas party

New Items/ Other Business: BOG Attendees

CRC

Toured the Hyatt – Dan would like to pick this as the venue

Tentative schedule – reception Thursday, thoughts of making a bunch of reservations on Friday night for people to go out and explore Tulsa



Golf at TCC (tentative).

Can we bus people to Aaon for training sessions?

Chad made a motion to allow Dan to proceed. Steve seconded the motion. Approved at 12:48pm.

Steve brought up – we need to encourage paying in advance for regular meetings.

To encourage paying in advance, the board suggests maintaining \$30 for lunch bought in advance, \$35 for lunch bought day of.

Sara to figure out if we can integrate evite with Square

Action Items: BOG Attendees

All Chairs need to reach out to RVC and copy Matt

Matt to order presidents pins

Matt to find someone to organize Par 3 tournament

Sara to email membership with survey and post on website

Chad M. to investigate requirements to starting scholarship

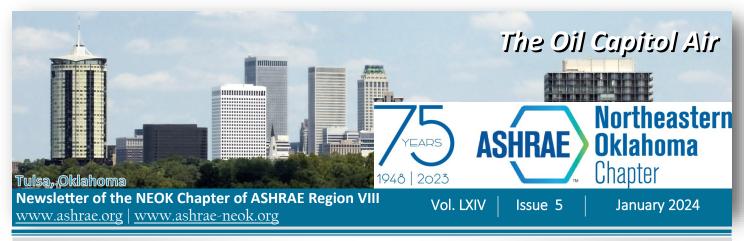
Eric to finish invoicing golf sponsors

Sara to figure out if we can integrate evite with Square

Meeting adjourned at 12:58 pm.

Members having fun at the Christmas Party!





Meeting Minutes—General Meeting

Sara Fazel By

Recording Of Minutes

Chapter: Northeastern Oklahoma Chapter 069	Meeting Date: December 6, 2023
Meeting: December Chapter Meeting	
Attendance: (67) in person, (1) virtual	Compiled By: Sara Fazel

The NEOK December Chapter Meeting was held at The Allen Chapman Student Union, 3135 E 5th Place, Tulsa, OK 74104. President Matt Simmons called the meeting to order at 11:47am.

Intro: Matt Simmons

Welcome to new members, guests, and students

Annual RP donor recognition

Student meal sponsor recognition

Speaker: A Panel Presentation on Completion of Bixby West

Insight on construction process of Bixby West with Panel members:

Zach Youngblood (HP)

Nic Millard (HP)

Jeremy McCrate (KKT)

Brenna Wells (CMSWillowbrook)

Eric Mulliniks (EEI)

Final Words: Sara Fazel

Thank you to our panel

The NEOK Chapter offers free student membership and lunches, any sponsors are greatly appreciated.

Invoices will be sent to members in attendance who did not pay in advance.

Meeting adjourned at 1:12 pm.

Sara Fazel 918-584-9976







2023/2024 Events Calendar

Next Up. . .

January Meeting / Wednesday, January 17, 2024 / 11:30 AM -12:30 PM / Tulsa Country Club Dave Schurk "Driving Hospitals Toward Net-Zero".

January BOG Planning Meeting / Thursday, January 25, 2024 / 11:30 AM - 12:30 PM

February Meeting / Wednesday, February 7, 2024 / 11:30 AM -12:30 PM / Tulsa Country Club Kirby Lee "The morning Start Up with Mission / Purpose".

February BOG Planning Meeting / Thursday, February 15, 2024 / 11:30 AM -12:30 PM

March Meeting / Wednesday, March 6, 2024 / 11:30 AM - 12:30 PM / Tulsa Country Club Kirk Phipps "Hydronic Balancing and the Benefits Before and After". Life Member and Past Presidents Night.

March BOG Planning Meeting / Thursday, March 14, 2024 / 11:30 AM -12:30 PM

April Meeting / Wednesday, April 3, 2024 / 11:30 AM - 12:30 PM / Tulsa Country Club Student Scholarship Awards

April BOG Planning Meeting / Thursday, April 11, 2024 / 11:30 AM - 12:30 PM Spring Golf—Par 3 Tournament. Location and April date to be determined.

May Meeting / Wednesday, May 8, 2024 / 11:30 AM - 12:30 PM / Tulsa Country Club *Please join us for our May Meeting – TBD* Induction of Officers.

May BOG Planning Meeting / Thursday, May 9, 2024 / 11:30 AM - 12:30 PM

Please keep posted for more events. Thank you.



PAOE Points 3,932 Total Points Earned.

8,000 1,000 2,000 3,000 4,000 5,000 6,000 7,000 9,000 10,000 0

Don't Forget About ASHRAE Winter Conference!

Click Here: 2024 ASHRAE Winter Conference





2023/2024 Chapter Volunteers

Officers

President	Matt Simmons	918-417-9953	msimmons@hpengineeringinc.com
President Elect	Austin Barton	918-359-9107	barton.a@mcintoshok.com
Treasurer	Eric Mulliniks	918-640-1542	emulliniks@eei-ok.com
Secretary	Sara Fazel	918-584-9976	Sara.fazel@airetechcorp.com

Board of Governors

Past President	Keith Averitt	918-258-9020	Kaveritt@eei-ok.com
BOG	Steve Johnson	918-955-4462	Steve.Johnson55@cox.net
BOG	Mike Kirk	918-519-7035	William.m.kirk@jci.com
BOG	Susan Crenshaw	918-636-4731	SCrenshaw@harrisonenergy.com
BOG	Ray Gomez	918-584-0102	gomez@phillipsgomez.com
BOG	LeAnna Reynolds	918-599-4120	leanna.reynolds@benham.com

Committee Chairs

Committee Chairs						
CRC Delegate	Matt Simmons	918-417-9953	msimmons@eda-fki-engineers.com			
CRC Alternate	Austin Barton	918-359-9107	barton.a@mcintoshok.com			
Attendance/Reception	Richard Shoemaker	918-812-2149	riii@shoemakerac.com			
CRC Chair	Dan Owens	918-359-9110	owens.d@mcintoshok.com			
CTT/Programs	Michael Floyd	918-836-0271	michael.floyd@leeandbrowne.com			
GAC	Chad Smith	918-704-7905	chad@airetechcorp.com			
Historian	Steve Johnson	918-955-4462	Steve.Johnson55@cox.net			
Honors & Awards	Mike Beda	918-706-8309	mikebeda1945@yahoo.com			
Membership Promotion	Colin Bjostad	918-624-1000	cbjostad@eei-ok.com			
Newsletter	Austin Barton	918-359-9107	barton.a@mcintoshok.com			
Nominating	Chad Smith	918-704-7905	chad@airetechcorp.com			
Publicity / Social Media	Sara Fazel	918-584-9976	Sara.fazel@airetechcorp.com			
Refrigeration	Eric Mulliniks	918-382-6432	ericm@aaon.com			
Research Promotion	Chad Marazas	918-688-6784	cmmarazas@trane.com			
Special Events Co-Chair	Nolan Chance	918-877-6000	nolanc@midwestmachinery.net			
Special Events Co-Chair	Ryan Dunkerson	918-430-6793	rdunkerson@es2ok.com			
Student Activities	Sam Arain	918-382-6245	sam.arain@aaon.com			
YEA	Zachary Seizinger	918-998-0007	zseizinger@eei-ok.com			

This newsletter describes the activities of ASHRAE Chapter 069 of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE).

It does not present official positions of the Society nor reflect Society policy.

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