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UPCOMING EVENTS

- **September 29th**
Annual Golf Event @
LaFortune Golf Course
Check In @ 1pm
Tee Off @2pm

PRESIDENT'S MESSAGE

By Keith Averitt

It's that time of year again when we all look forward to some good football, beautiful Fall weather, and of course the start of a new ASHRAE chapter year. The heat of this past summer gave a great test to all of our heat load calculations, equipment selections and installations. Here in Tulsa, we have some of the best engineers and contractors in the region! ASHRAE is the glue that brings all of us together. I am looking forward to this upcoming chapter year – it is an honor to serve the members of NEOK ASHRAE!

We have a great group of officers and chairs, dedicated to providing you the best, most informative chapter meeting and events. It's exciting to see an influx of youth into our chapter as well, especially as chapter officers and chairs. I would like to recognize our newest volunteers and committee chairs/officers: Matt Simmons - President Elect, Austin Barton – Treasurer, Eric Mulliniks– Secretary, Chad Marazas – RP Chair, Richard Shoemaker – Attendance/Reception, Austin Whetstone – Electronic Communications, Chad Smith – Government Affairs and Sarah Fazel – Student Activities.

Our lineup for the upcoming chapter year includes some exciting presentations on pressure reducing valve principles, new ways to achieve optimal energy efficiencies in hydronic systems, ASHRAE Standard 62.1 IAQP pertaining to ventilation rates/IAQ, and we are excited to bring back a panel of industry experts for a panel discussion. Once again, our Chapter meetings will be held at Tulsa Country Club. In addition, we are planning on a surprise event in the Spring that I think most everyone will enjoy. Lastly, and of course an annual favorite, is our Fall Golf Tournament on Sept. 29 at LaFortune Park Golf. If you haven't gotten a team put together, may I encourage you to do so sooner rather than later? (Golf tournament team signup form and sponsorship form include in this newsletter)

Thanks for your participation in ASHRAE – we typically have great turnout from Engineers and Reps, and we've made it a priority this year to increase the turnout amongst the contracting community. The guard is officially changing again but the principals and goals of our chapter remain. I am honored to assume the role of president this year and look forward to leading our chapter to another successful ASHRAE year. Together, we can all make ASHRAE great again!

Keith Averitt

Keith Averitt
2022-2023 Chapter President
kaveritt@eel-ok.com





2022 NEOK ASHRAE Golf Tournament

LaFortune Park Golf Course
5501 S. Yale Ave
Tulsa, OK 74135



DATE: Thursday, September 29thth, 2022

Entry Fee: \$125 per player or \$500 per team
(\$150 per player or \$600 per team after 9/15/22)

Time: 1:00 pm Check in
1:30 pm Putting contest
2:00 pm Shotgun Start
6:30 pm Est. Finish of Tournament, Awards and Hamburger feed

Format: Four-person scramble with individuals making up their own teams. Single entrants will be accepted and assigned to a team by the tournament organizers. **Please turn in the handicap score of each entrant** so that team handicaps can be established for netprizes.

GOLFER'S NAME	COMPANY	HANDICAP

For rain cancellation every effort will be made to reschedule tournament. Entry fees will be donated to ASHRAE Research if you don't attend.

PICNIC ONLY \$ 25.00 PER PERSON. (all proceeds to be donated ASHRAE Scholarship Fund)

Email entry form to: Nolan Chance nolanc@midwestmachinery.net

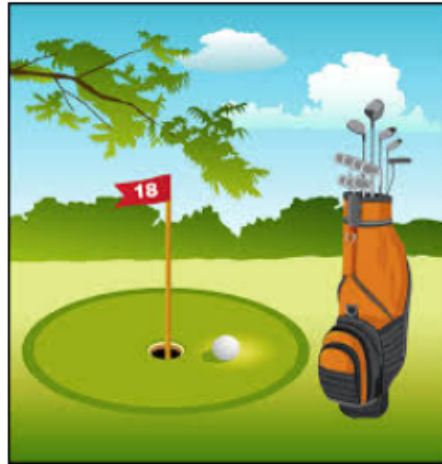
Checks payable to NEOK ASHRAE

Pay at day of event

Debit/credit card payments can be made day of the event or contact Austin Barton by email

barton.a@mcintoshok.com

2022 NEOK ASHRAE Golf Tournament Sponsorships



Proceeds to benefit ASHRAE RESEARCH & ENDOWMENT FUND

- Combo Sponsor: \$1000 Team of 4, flag sponsor, and hole sponsor (Include team registration form with when submitting documents.)

- Combo Flag and Hole: \$500 Flag and sign with company name

- Flag sponsor: \$350 Flag with company name

- Hole sponsor: \$250 Sign with company name

- Corporate Display: \$250 Table set up on the course to display promotions items (Drinks can be handed out to players but must be purchase from course.)

- Putting Contest: \$300 Sign and recognition

- Closest to the Pin: \$300 Sign and recognition

- Longest Drive: \$300 Sign and recognition

Hole and flag sponsorships must be submitted by 9/08/22 to allow time for printing.

Sponsor Type	Company Name for Flag or Hole Sign

Email completed form to: Nolan Chance nolanc@midwestmachinery.net
 Checks payable to NEOK ASHRAE
 Pay at day of event
 Debit/credit card payments can be made day of the event or contact Austin Barton by
 email barton.a@mcintoshok.com

CHAPTER TECHNOLOGY TRANSFER/PROGRAMS

By Michael Floyd

The new ASHRAE year is finally here! I'd like to remind everyone that our first NEOK ASHRAE chapter meeting will be here before you know it, so RSVP! The chapter's lunch meeting will be held (in person) on October 5th at 11:30 am at the Tulsa Country Club (701 N. Union Ave). For the presentation portion of October's meeting, we'll be directing questions to a panel of experts who have been working in this industry for years. On the panel, there will be an Architect, Consulting Engineer, Engineering Sales Rep, General Contractor, and a Mechanical Contractor. So please come prepared to ask/listen to questions revolving around the design, coordination, and construction portion of a project.

For a glimpse into the future, I'd like to encourage everyone to block off a small portion of their day on November 2nd for our second ASHRAE meeting of the year, where we'll be welcoming Scott Alford. Scott will be speaking on "Mitigating the Risks of Legionella Through a Water Management Program."

If anyone has any questions that they'd like to ask one or more of the panel speakers but talking in an audience isn't your thing, please email them in and we'll be sure your question gets asked.

Michael Floyd
918.836-0271
michael.floyd@leeandbrowne.com

TREASURER REPORT

By Austin Barton

Our chapter's current net worth as of September 2, 2022 is as follows.

BOK- General checking:	\$25,848.43
BOK-Investments-CRC-Training:	\$35,284.69
<u>Jack Tumilty Scholarship Fund:</u>	<u>\$26,504.99</u>
Total Assets:	\$87,641.11

Austin Barton
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barton.a@mcintoshok.com



YEA

By Zach Seizinger

YEA is teaming up with Student Activities for the first time ever to host a trivia night at Welltown Brewery (21+) on September 21ST! If you know of any students looking to learn more about ASHRAE or the HVAC industry please give them my contact, or have them reach out to Sara Fazel (Sara.fazel@airtechcorp.com) for more information.



Zach Seizinger
918.624.1005
zseizinger@eei-ok.com

RESEARCH PROMOTION

Please welcome Chad Marazas as our new Research Promotion chair. Thank you to all who contributed to NEOK Research and Promotion last year. Please help us support ASHRAE research this new year by making your donations. Donations may be made in person, by mail, or online. For more information please contact Chad Marazas at 918-688-6784.

Please visit the link below to make a contribution.

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

Chad Marazas
918.688-6784
cmmarazas@trane.com

REFRIGERATION

By Eric Mulliniks

Did you know that ASHRAE provides a variety of training opportunities in the area of refrigeration? Here are some highlights of what's currently available on ASHRAE's Refrigeration page:

Instructor-Led: [New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs](#)

eLearning: [eLearning Courses on Refrigerants](#)

Self-Directed Course: [Fundamentals of Refrigeration \(I-P\)](#)

Instructor-Led: [Variable Refrigerant Flow System Design & Application](#)

Eric Mulliniks
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ericm@aaon.com

MEMBERSHIP PROMOTION

By Brian Biggerstaff

If anyone you know is interested in joining ASHRAE, you can share the below link with them, or send them a personalized message using Connect-A-Colleague. We've kept it simple: Enter your name and email, your colleague's name and email, and press send. That's it! This pre-written invitation will be sent on your behalf, and includes options to reference an ASHRAE technical committee section, and to add a custom message.

http://web.ashrae.org/connect_a_colleague/

If you prefer to simply share a link with a friend they can join ASHRAE using the below:

<https://join.ashrae.org/>



Brian Biggerstaff
918.624.1005
bbiggerstaff@eei-ok.com

STUDENT ACTIVITIES

By Sara Farel

Student Activities is starting out the school year with a few events! On September 15th, Airetech hosted a Women in the Industry golf outing, where Pam Duffy, P.E. will be giving a lecture on Time Management and other soft skills. Student Activities and YEA are also pairing up to host a 21+ trivia night at Welltown Brewery on September 21st! If you know any students that would be interested in either of these events, please have them contact me for more information!

Sara Fazel
918.584-9976
Sara.fazel@airetechcorp.com



ELECTRONIC COMMUNICATIONS

By Austin Whetstone

Electronic Communications – September 2022

Welcome back everyone! It's been a VERY hot summer, and it feels good to kick off the regular ASHRAE season with our first newsletter. We are planning on returning to the Tulsa Country Club for our monthly chapter meetings, but will continue to live stream each meeting for those who would prefer to tune in remotely.

The NEOK Schedule of Events page is currently in the process of being updated, and currently shows all of the upcoming NEOK chapter events. If you have any events that you would like posted on our NEOK website, please forward them to neok.ashrae@gmail.com and I will see if I can get them included. As always, our newsletter page allows you to look over all our past newsletters.

Also, if you haven't yet, please remember to follow us on Facebook, and become one of our connections on LinkedIn. Chapter information is offered on these two social media sites and our chapter website, www.ashrae-neok.org. We would hate for you to miss out on any of our events.



Click on one of these logos to visit our pages.



Austin Whetstone
918.237.3663
austin@okchiller.com

HONORS & AWARDS

By Mike Beda

The ASHRAE website and Journal are now promoting the 2023 ASHRAE Winter Conference in global headquarters city, Atlanta, GA on February 4-8. Registration for the conference provides entry to the co-sponsored AHR Expo, held February 6-8 at the Georgia World Congress Center. The website, www.ASHRAE.org, has details about the upcoming meetings and events. There are a great many timely presentations with excellent/expert speakers for your consideration. Please plan to attend in person or virtually.

While you are on the site, look at the Honors & Awards section and review the Chapter and Regional awards that you may be eligible to receive for your past activities in the Chapter. If you think you meet the requirements, give me a call and I can help you with the paper work.



Mike Beda
918.706.8309
mikebeda1945@yahoo.com

HISTORY

By Gene Redford

This month I thought it would be a good time to remember someone who I had the pleasure of knowing and working for and was a distinguished member of ASHRAE, William J. Collins, Jr. P. E. Even though Bill Collins was not a member of our chapter, he did play a major roll in how our chapter succeeded through out all of these years.

Some of the older members of our chapter will remember Bill very well while the younger members need to know a little history on how Bill Collins played a major roll in ASHRAE.

Bill Collins was a professional Engineer in Oklahoma City where he founded Collins Engineering Associates in 1946. Another bit of history for those who don't remember, Jack Tumilty managed the Tulsa office of Collins Engineering and I got my start in this industry working for Jack.

Bill Collins was a Fellow/Life member of the Central Oklahoma Chapter, and has been given credit for several achievements along the way. One of the most notable was developing the financial support of ASHRAE research program. For his effort ASHRAE established the William J. Collins Jr. Research Promotion Award in 1985.

Bill Collins served as Society President in 1975 – 76, with a theme of commitment. "Only by committing ourselves can we accomplish a job well done. Ingenuity, pride and hard work are the real answers to the problems of today's energy conscious world... for not only do we have challenges----we have opportunities."

In 1998, Bill received the Society's highest honor, the F. Paul Anderson Award, which recognizes "notable achievement, outstanding work or service in any field of the Society."

Another achievement Bill was involved in was assisting in establishing the Presidential Award of Excellence, which was in 1970, which was based on the Region VIII Golden Gavel Award created by Bill and others and the Society's regional structure.

Since 1950 Bill actively served in more than 40 positions at the local, regional, national and international levels of ASHRAE.

In 1981, Bill was elected to the Oklahoma State University Engineering Hall of Fame. He was awarded an ASHRAE Distinguished Service Award in 1965, elevated to the grade of Fellow ASHRAE in 1966, received the Andrew T. Boggs Service Award for distinguished service to ASHRAE in 1993 and the Distinguished 50 – Year Member Award in 1999. Bill retired as chief executive officer of Collins Engineering in 1991.

Our chapter was fortunate to have him so close to our chapter in many ways, through business and ASHRAE. We always had the challenges with his chapter, which made us a strong chapter, as we always had the desires to succeed in both chapters. I think this is why the two Oklahoma chapters of ASHRAE are always at the top of the list. In turn I believe in over the last 20 or so years this has brought some of the other chapters in region VIII up to the challenge, making our region one of the strongest regions in ASHRAE.

Also remember there are only two chapters in Society that has won the Presidential Award of Excellence every year since it started and NEOK chapter is one of them.

GGAC

By Chad Smith

I'm excited to get back involved with Government affairs at the chapter level. Having the opportunity to participate in government affairs at the regional level as well as Society has given me an appreciation for how involved the NEOK chapter has been in local and state levels in recent history. This year, I hope to increase awareness among our chapter members on different ways to get involved in GAC. Many folks think this is strictly going to the state capitol and talking with elected officials about ASHRAE and the HVAC industry. However, if we want to make an impact, we have to expand our focus.

GAC includes communicating and informing public entities on the municipal level, as well as local school boards and other entities involved in policy making and enforcement. It includes sharing information and your thoughts with your local elected officials at municipal and state levels and making yourself available to answer their questions. These folks are always looking for sources of information, and they are ecstatic when one of their constituents can be that source.

But the biggest resource you have is the Society Government Affairs Committee. ASHRAE has staff at the ASHRAE office in Washington DC, and they are there to help provide you with information, legislation updates and facts, prepare letters advising what ASHRAE's position is on certain issues, etc. Over the course of the coming year, I hope to present more opportunities for chapter members to get involved because every member who has participated in government affairs at some level has enjoyed it and felt the excitement of making an impact in our industry. Don't forget to visit the ASHRAE GAC website at <https://ashrae.org/about/government-affairs>. On this page, you will find the Member Advocacy Toolkit that has several presentations, flyers, info sheets that assist you in your meetings as well as several advocacy guides. You will also find the site with ASHRAE's Public Policy Information Briefs. These are information briefs on current issues impacting our industry and gives you what ASHRAE's position is on it. These are very good resources to share with public officials.

It's good to be back home again and I'm looking forward to having more people involved in GAC for their first time!



MEETING MINUTES

By Austin Barton

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting Date: May 12, 2022

Meeting: March 2022 BOG

Attendance: 8

Compiled By: Austin Barton

Attendees: Claire Farr, Keith Averitt, Pam Dunlap, Richard Shoemaker, Mike Beda, Austin Whetstone, Mike Kurk, Austin Barton.

The NEOK March BOG Meeting was held at Elgin Park, 325 E Reconciliation Way, Tulsa, OK 74120. President Claire Farr called the meeting to order at 4:07 PM.

Thanks to ES2 for sponsoring for food and drinks for our last meeting of the year.

President: Claire Farr.

- Opening Getting up to par with PAOE points. Ryan Dunkerson is working on the skeet shoot, but the gentlemen working for Red castle is out on medical leave and cannot schedule until he is back.
- No more chapter meetings for this year. Will be a Board of Governors meeting in June, we are keeping on the calendar for now. Country club will want to confirm schedule for next year.
- Presidents long range planning session, after BOG meeting, prior to august 1st. must have in July if not in June. CRC workshops critical for next year's chairs to attend. Really important that everyone attends. Worked on website and following members numbers.

Vice President: Keith Averitt.

- Discussion on working on website and following members numbers for membership.
- Looking at planning session, scheduled for July. Further discussible on handoff, goal of budget completion in August.
- Incoming treasurer will need to get single login for quick books online.

Treasurer: Matt Simmons.

- Need to keep Budget up to date. Double checking up to date and all income outstanding collected.
- Chapter research promotion and need to move money to CRC account. Do we need to vote on the amount of money to move? We need to verify all collections before moving forward.
- Make sure we meet our current RP goal. Auction dollars can go to multiple spots. CRC probably half of that money in the budget is needed for the first part of the year. This needs to be discussed at the next meeting.

Will vote of budgetary consideration on future meeting. Plan is to transition into bookkeeper effective on July 1st.

MEETING MINUTES

By Austin Barton

Secretary: Austin Barton.

- Chapter meeting minutes for April emailed out today and in confirmation process. Need a couple more votes for approval.

Attendance / Reception: Pam Dunlap

- For the last Chapter meeting there were 41 attendees in the room, including speaker and 1 student. 34 members and 7 guest. Additionally, there were 3 online. We have had 48 average attendances for this year.

CRC Delegate / PAOE: Steve Uerling

- No Update.

CTT Chapter Programs: Michael Floyd.

- No Update.

Electronic Communications and Publicity: Matt Petersen.

- Matt Peterson and Austin Whetstone have completed their transition. Austin needs to be reimbursed for the website.

GGAC: Garen Ewbank

- Reviewing our PAOE points. Chad will be entering for government affairs PAOE points. Looking at training for government affairs.

Historian: Gene Redford

- Review on the entering of the PAOE points. Need to be entered number of life members on the last meeting.

Honors & Awards: Mike Beda.

- We are complete for the year.

Membership Promotion: Brain Biggerstaff.

- Just advice this is usually the hardest one to get points on.
- Have contractors, representatives of manufacturers, and engineers. Looking at reducing the delinquency list. Review of PAOE points. MP is done at the CRC.

Refrigeration: Eric Mulliniks.

- No update.

Research Promotion: Jason Blair.

- Discussed above in RP topic.

MEETING MINUTES

By Austin Barton

Special Events: Nolan Chance (Main) Duane Harmon, Ryan Dunkerson.

- See / verify if the skeet shoot can be scheduled.

Student Activities: Jacob Koch.

- Scholarships discussion. Under control and awarded. Currently have interviews.

Sustainability: TBD, Claire Farr reporting.

- Email going out for anyone who wants to get involved in ASHRAE for this roll.

YEA: Zach Seizinger.

- June 9th YEA is going to Driller's ballpark.

General Budget Review: All Parties.

- No new Business

New Items / Other Business: BOG Attendees.

- ASPE: Trade shop 1/3 of booths sold. They can have up to 100 booths.

Meeting was adjourned at 4:56 pm.

2022/2023 Calendar of Events

Important Dates

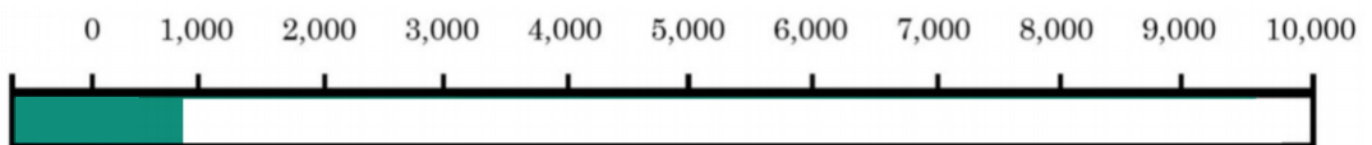
Meeting

Location

September 15, 2022	Board of Governors	Elgin Park
September 29, 2022	Golf Tournament	LaFortune Golf Course
October 5, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
October 12, 2022	ASPE&ASHRAE EXPO	Oklahoma City Convention Cent
October TBD	Board of Governors	Elgin Park
November 2, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
November TBD	Board of Governors	Elgin Park
November 2, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
November TBD	Board of Governors	Elgin Park
December 7, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
December TBD	Board of Governors	Elgin Park
January 4, 2023	Chapter Meeting (Lunch)	Tulsa Country Club
January TBD	Board of Governors	Elgin Park

Check back in each subsequent newsletter as new events will be added as they are scheduled.

2022/2023 NEOK PAOE Points





2021/2022 Chapter Volunteers

Officers

President	Keith Averitt	918-624-1005	kaveritt@eei-ok.com
President Elect	Matt Simmons	918-258-6890	msimmons@eda-fki-engineers.com
Treasurer	Austin Barton	918-359-9107	barton.a@mcintoshok.com
Secretary	Eric Mulliniks	918-640-1542	emulliniks@eei-ok.com

Board of Governors

BOG	Steve Johnson	918-955-4462	Steve.johnson55@cox.net
BOG	Chuck Mayfield	918-624-1005	cmayfield@eei-ok.com
BOG	Ray Gomez	918-584-0102	gomez@phillipsgomez.com
BOG	Mike Beda	918-706-8309	mikebeda1945@yahoo.com

Committee Chairs

CRC Delegate	Claire Farr	918-279-6450	cfarr@es2ok.com
CRC Alternate	Keith Averitt	918-624-1005	kaveritt@eei-ok.com
Attendance/Reception	Richard Shoemaker	918-812-2149	rjii@shoemakerac.com
Audit	Dan Owens	918-359-9110	owens.d@mcintoshok.com
CTT/Programs	Michael Floyd	918-836-0271	michael.floyd@leeandbrowne.com
GGAC	Chad Smith	918-704-7905	chad@airetechcorp.com
Historian	Gene L. Redford	918-346-0444	glredbird@yahoo.com
Honors & Awards	Mike Beda	918-706-8309	mikebeda1945@yahoo.com
Membership Promotion	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
Newsletter	Matt Simmons	918-258-6890	msimmons@eda-fki-engineers.com
Nominating	TBD		
Publicity / Social Media	Austin Whetstone	918-237-3663	austin@okchiller.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	Sara Fazel	918-584-9976	Sara.fazel@airetechcorp.com
Sustainability	TBD		
Webmaster/ECC	Austin Whetstone	918-237-3663	austin@okchiller.com
YEA	Zachary Seizinger	918-998-0007	zseizinger@eei-ok.com