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## PRESIDENT'S MESSAGE

By Keith Averitt

Fall is right around the corner, temperatures are finally cooling off and our favorite fall activities are in full swing! Football, Oktoberfest, Tulsa State fair, and Halloween to name a few! Our ASHRAE chapter is also in full swing as well. One of our goal this year is to boost monthly Contractor attendance at chapter meetings by 10% for the year. Our first event of the year, the Annual Golf Tournament, was a huge success – we had over 50 participants, and all sponsorships were accounted for! I wanted to personally thank all of those that attended this event. The success of this event is always crucial to meeting our Research Promotion goal for the year. Again, thank you for your continued support of this event!

The October chapter meeting comes on the heels of our annual golf tournament at LaFortune Park. This meeting promises to be informative, enlightening and entertaining. We are bringing back the panel discussion, and will have a diverse group of individuals participating in this discussion. The topic will be "Construction Means and Methods", which, in today's construction climate, is more important than ever. With continuing issues with equipment lead times, price escalation, etc, it's more important than ever for all parties involved in the construction process to be collaborating together for the common good.

In other exciting news, we are very pleased with the progress made and focus on Student Activity/YEA events and involvement. We have had two successful events so far this year. The first was Women In Engineering, which was a great opportunity to showcase engineering opportunities for women interested in our industry. The second was a tailgate party at TU, which was a huge success.

Lastly, I wanted to remind everyone of the first annual ASPE/ASHRAE Trade Show in OKC on October 12. This is a great opportunity to see some really cool equipment showcased for our industry. The year is in full swing and I am glad to report that we are tracking towards meeting many of our goals already! Thank you for all of your support!

## UPCOMING EVENTS

- **October 5th**  
Chapter Meeting  
11:30am to 1:30pm  
Tulsa Country Club
- **October 12th**  
ASPE/ASHRAE  
Trade Show  
OKC convention center

*Keith Averitt*

**Keith Averitt**  
2022-2023 Chapter President  
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## CHAPTER TECHNOLOGY TRANSFER/PROGRAMS

By Michael Floyd

First NEOK ASHRAE meeting on October 5th at 11:30 am at the Tulsa Country Club (701 N. Union Ave) please RSVP. 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.

Second NEOK ASHRAE meeting will be on November 2nd where we'll be welcoming Scott Alford. Scott will be speaking on "Mitigating the Risks of Legionella Through a Water Management Program." Look for our next newsletter for more information.

**Michael Floyd**

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## TREASURER REPORT

By Austin Barton

Our chapter's current net worth as of October 1, 2022 is as follows.

BOK- General checking:	\$24,928.98
BOK-Investments-CRC-Training:	\$35,284.69
<u>Jack Tumilty Scholarship Fund:</u>	<u>\$26,509.73</u>
<b>Total Assets:</b>	<b>\$86,723.40</b>

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## YEA

By Zach Seizinger

YEA's paired activity with SA last month at Well town Brewery was a success! We do not have any upcoming events In October but are looking forward to hosting another one soon.



Zach Seizinger  
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## RESEARCH PROMOTION

We are kicking off the Research Promotion (RP) campaign and are looking forward to the new year. We will be reaching out to past donors in the coming weeks and as always thank you for your past support. Stay tuned for some new exiting ways to help support ASHRAE research.

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

Please visit the link below to make a contribution.

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

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## REFRIGERATION

By Eric Mulliniks

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](#)

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## 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/](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

## STUDENT ACTIVITIES

By Sara Fazel

SA would like to welcome our newest student members! We have had eight new members join in the past month, and we are so excited. This is a very diverse group as well, ranging from Undergraduate Students to PHD Candidates. Please join me in welcoming:

- Asad Nadeem (TU)
- William Martin (TU)
- Edgar Pereira (TU)
- Mubashir Hasan (TU)
- Sheharyar Malik (TU)
- Georgia Hilburn (TU)
- Austin Stanley (TU)
- Bryce Beall (TCC)

The first month back to school was a huge success! Airetech and ASHRAE partnered together to host a "Women in HVAC" event, promoting diversity in the industry, and it was heavily attended by TU and ORU students. TU's junior lab class also had the opportunity to explore Greenheck's Tulsa campus, and the different manufacturing methods used within the plants. In addition to some manufacturing/ industry exposure, the student group also had a blast at Trivia night with the YEA group. This was a great first-time event, and we are looking forward to continuing this next year! This weekend, we partnered with ASME for a tailgate at TU and it was another great event!

We already have some more tours/ technical sessions planned for next month, as well as a recruiting event with ORU. Thank you to everyone who is supporting the next generation of ASHRAE!



**Sara Fazel**  
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Tulsa, Oklahoma

Newsletter of the NEOK Chapter of ASHRAE Region VIII

[www.ashrae.org](http://www.ashrae.org) | [www.ashrae-neok.org](http://www.ashrae-neok.org)

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## ELECTRONIC COMMUNICATIONS

By Austin Whetstone

Fall is here, but it hasn't brought the sweater weather with it quite yet. There's plenty to look forward to though, with Oktoberfest and our first monthly chapter meeting of the year right around the corner. Our chapter meeting will be at the Tulsa Country Club but will also be streamed remotely for those wishing to join from their office.

Please click this link to find information on how to join the meeting remotely: <https://www.ashrae-neok.org/new-events/index.php/chapter-lunch-meeting-jw7rc-snc28-gzd5g-csl3l-np4c6-t6ff8-r45yr-w39sw-8sh35>

The NEOK Schedule of Events is wide open for events that you would like posted on our web site, please forward them to [neok.ashrae@gmail.com](mailto:neok.ashrae@gmail.com) and I will get them included. Remember to follow us on Facebook and LinkedIn! We'll be posting photos from our events to those pages, and we'd hate for you to miss out. Lastly, please check our website at [www.ashraeneok.org](http://www.ashraeneok.org) for information about our chapter, and for any event information.



Click on one of these logos to visit our pages.



**Austin Whetstone**

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## HONORS & AWARDS

By Mike Beda

For those of you Chapter members that have worked on a committee as a member, co-chairman or chairman, I need for you to go into the ASHRAE website (<https://www.ASHRAE.org>) and enter your individual bio information. If you need help getting started, please call or email with your questions.

For those of you that serve on Regional and Society level committees, I need you to review and update your ASHRAE bio. As of year 2000 to present day, the Staff has automatically inputted your committee positions and assignments. Please review this data to make sure it is correct. Prior to the year 2000, you will need to enter your activities since you joined ASHRAE. This will allow some of you to be eligible for the Chapter Service Award, Regional Award of Merit, Distinguished Service and/or Exceptional Service Awards. If you need information on these awards, please visit the ASHRAE website.



**Mike Beda**

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## 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.



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## MEETING MINUTES

By Eric Mulliniks

### Recording of Minutes

**Chapter:** Northeastern Oklahoma Chapter 069

**Meeting Date:** September 15, 2022

**Meeting:** September 2022 BOG

**Attendance:** 13

**Compiled By:** Eric Mulliniks

**Attendees:** Claire Farr, Keith Averitt, Austin Whetstone, Austin Barton, Susan Crenshaw, Chad Smith, Sarah Fazel, Zach Seizinger, Brian Biggerstaff, Ray Gomez, Matt Simmons, Ryan Rhem and Steve Johnson

The NEOK September BOG Meeting was held at Elgin Park, 325 E Reconciliation Way, Tulsa, OK 74120. President Keith Averitt called the meeting to order at 11:35 AM.

**President:** Keith Averitt

#### ASHRAE Golf Tournament

- Discussed priorities: Golf Tournament and initial chapter planning. The Golf Tournament is set to take place on September 29<sup>th</sup>, 2022 at 2:00 p.m. at LaFortune.
- The President will be out of town for the NEOK ASHRAE Golf Tournament, but the Special Events Coordinator will take the reins to run the event. Flags are being taken care of.
- Golf Tournament is light on teams and sponsorships this year.
- Monday and Tuesday (2022/09/19 and 2022/09/20) are the drop-dead date for flag sponsor sign ups.
- Monday will be the first NEOK ASHRAE Newsletter for the year.
- Discussed handoff of financials, newsletter documents, etc.
- In person chapter lunch meetings will be held on the first Wednesday of the month beginning on October 5<sup>th</sup>, 2022 at the Tulsa Country Club.

#### Next Month (Update from Pam Dunlap)

- ASPE / ASHRAE Convention is taking place in OKC.
- Registration and Promotions to take place next week.
- NEOK ASHRAE EC Chair will post Promotional materials on the necessary social media pages
- The Exhibitor space was sold out early, was within its budget, and made as much as \$50,000 in profit already.
- OKC Conference Center handled most of the logistics, removing the need for an outside convention consultant.

## MEETING MINUTES

By Eric Mulliniks

### **Vice President:** Matt Simmons

Newsletter – Monday will be the release date.

- The newsletter will be sent through email.
- Once received, the EC Chair will post the newsletter on the appropriate social media pages, as well as the NEOK ASHRAE Website.

### **Treasurer:** Austin Barton

Audit

- 3<sup>rd</sup> party will oversee the Audit. Treasurer will reach out to the 3<sup>rd</sup> party.
- Treasurer is currently setting up the report to show monthly transactions. It will be sent to the NEOK ASHRAE Board of Governors only.

Golf Tournament

- Special Events Coordinator will send the reports of last year's prize money and figures to the Treasurer to determine the prize money structure for this year's tournament.

### **Secretary:** Eric Mulliniks

- Chapter meeting minutes for August emailed and approved on September 15<sup>th</sup>, 2022.

### **Attendance / Reception:** Richard Shoemaker

- No update

### **CRC Delegate / PAOE:** Claire Farr

- All chairs should review the PAOE document and ensure that they are on track to meet the Par amount of PAOE points.
- Each chair is responsible for inputting their number of points into the ASHRAE website.

### **CTT Chapter Programs:** Michael Floyd

- There will be a panel discussion about the project development process.

### **Electronic Communications and Publicity:** Austin Whetstone

- There's currently no RVC EC Chair, but the NEOK ASHRAE EC Chair will continue to reach out to the Regional Director and Regional Chair to determine who the new one will be.
- NEOK ASHRAE EC Chair will continue to send MBOs to the Regional Director and Regional Chair unless instructed otherwise.

### **GGAC:** Chad Smith

No update



## MEETING MINUTES

By Eric Mulliniks

### **Historian:** Gene Redford

Space needed to store the NEOK ASHRAE historical items

- Banners and Records
- McIntosh doesn't have the space, so we need to find an alternative space to store these items.
- For a 5 x 5 storage room, cost may be \$30 a month, so \$400 annually. This will be added to the budget and won't require a vote. The Historian and another Officer will have a key.

### **Honors & Awards:** Mike Beda

- No update

### **Membership Promotion:** Brain Biggerstaff

- No update

### **Refrigeration:** Eric Mulliniks

- No update.

### **Research Promotion:** Chad Marazas

- The RP Chair is still working with AAON on their donation.
- The Full Circle meeting is due at the end of October.

### **Special Events:** Nolan Chance (Main) Ryan Rhem

- People need to set up to fill the swag bags to be distributed to the attendees.
- The NEOK ASHRAE Secretary, President Elect, and Treasurer will run the registration/Check-in booth.
- AAON will be sponsoring the drink cart.

### Par 3 Tournament

- This will be the 2<sup>nd</sup> or 3<sup>rd</sup> week in April 2023
- 13<sup>th</sup> or 20<sup>th</sup> of April at Lafortune
- Tee time will be 2pm

### Skeet Shoot

- The skeet shoot is still on for this upcoming Spring.
- Ryan Rhem will work on setting it up.

## MEETING MINUTES

By Eric Mulliniks

### **Student Activities:** Sarah Fazel

- Student Activities Chair has been very successful this year on generating interest and scheduling events.

### **Sustainability:** TBD

- No update

### **YEA:** Zach Seizinger

- No update

### **General Budget Review:** All Parties

#### Budget Discussion

- Treasurer brought copies of the previous budget to the meeting to review as an example.
- Treasurer is currently working with an accountant on Audit of the previous year's budget.
- Line Item 207 will increase to \$800 from \$300 to include the funds for storing the NEOK ASHRAE historical items.
- Line Item 203 will take the remainder (\$515)
- Line Item 221 will increase to \$600 from \$100 to include the funds for monthly book-keeping as performed by an accountant, based on an estimated cost of \$35-\$50 monthly.
- Line Item 209 to be adjusted to reflect \$30 per meal, 31.5 meals per meal, for a total of 7 meetings per ASHRAE year, for the year of 2022-2023.
- Line Item 218 will increase from \$1000 to \$1500 in order to provide more funding for Student Activities.
- Line Item 219 will increase to \$800 from \$500.
- Line Item 220 will increase to \$2000 from \$1600

### **New Items / Other Business:** BOG Attendees

Next month's BOG meeting date is To Be Determined.

Meeting was adjourned at 12:31 p.m.

## 2022/2023 Calendar of Events

### Important Dates

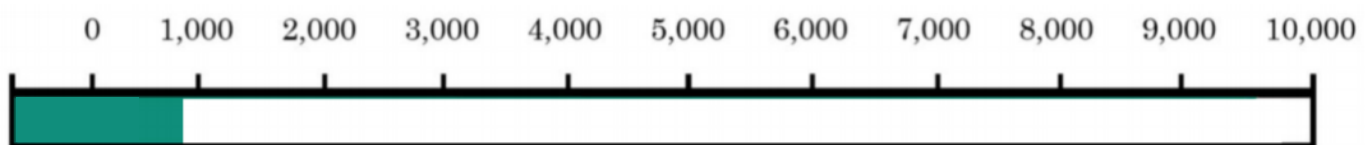
### Meeting

### 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	<a href="mailto:kaveritt@eei-ok.com">kaveritt@eei-ok.com</a>
President Elect	Matt Simmons	918-258-6890	<a href="mailto:msimmons@eda-fki-engineers.com">msimmons@eda-fki-engineers.com</a>
Treasurer	Austin Barton	918-359-9107	<a href="mailto:barton.a@mcintoshok.com">barton.a@mcintoshok.com</a>
Secretary	Eric Mulliniks	918-640-1542	<a href="mailto:emulliniks@eei-ok.com">emulliniks@eei-ok.com</a>

### Board of Governors

BOG	Steve Johnson	918-955-4462	<a href="mailto:Steve.johnson55@cox.net">Steve.johnson55@cox.net</a>
BOG	Chuck Mayfield	918-624-1005	<a href="mailto:cmayfield@eei-ok.com">cmayfield@eei-ok.com</a>
BOG	Ray Gomez	918-584-0102	<a href="mailto:gomez@phillipsgomez.com">gomez@phillipsgomez.com</a>
BOG	Mike Beda	918-706-8309	<a href="mailto:mikebeda1945@yahoo.com">mikebeda1945@yahoo.com</a>

### Committee Chairs

CRC Delegate	Claire Farr	918-279-6450	<a href="mailto:cfarr@es2ok.com">cfarr@es2ok.com</a>
CRC Alternate	Keith Averitt	918-624-1005	<a href="mailto:kaveritt@eei-ok.com">kaveritt@eei-ok.com</a>
Attendance/Reception	Richard Shoemaker	918-812-2149	<a href="mailto:rrii@shoemakerac.com">rrii@shoemakerac.com</a>
Audit	Dan Owens	918-359-9110	<a href="mailto:owens.d@mcintoshok.com">owens.d@mcintoshok.com</a>
CTT/Programs	Michael Floyd	918-836-0271	<a href="mailto:michael.floyd@leeandbrowne.com">michael.floyd@leeandbrowne.com</a>
GGAC	Chad Smith	918-704-7905	<a href="mailto:chad@airetechcorp.com">chad@airetechcorp.com</a>
Historian	Gene L. Redford	918-346-0444	<a href="mailto:glredbird@yahoo.com">glredbird@yahoo.com</a>
Honors & Awards	Mike Beda	918-706-8309	<a href="mailto:mikebeda1945@yahoo.com">mikebeda1945@yahoo.com</a>
Membership Promotion	Brian Biggerstaff	918-219-4030	<a href="mailto:bbiggerstaff@eei-ok.com">bbiggerstaff@eei-ok.com</a>
Newsletter	Matt Simmons	918-258-6890	<a href="mailto:msimmons@eda-fki-engineers.com">msimmons@eda-fki-engineers.com</a>
Nominating	TBD		
Publicity / Social Media	Austin Whetstone	918-237-3663	<a href="mailto:austin@okchiller.com">austin@okchiller.com</a>
Refrigeration	Eric Mulliniks	918-382-6432	<a href="mailto:ericm@aaon.com">ericm@aaon.com</a>
Research Promotion	Chad Marazas	918-688-6784	<a href="mailto:cmmarazas@trane.com">cmmarazas@trane.com</a>
Special Events Co-Chair	Nolan Chance	918-877-6000	<a href="mailto:nolanc@midwestmachinery.net">nolanc@midwestmachinery.net</a>
Special Events Co-Chair	Ryan Dunkerson	918-430-6793	<a href="mailto:rdunkerson@es2ok.com">rdunkerson@es2ok.com</a>
Student Activities	Sara Fazel	918-584-9976	<a href="mailto:Sara.fazel@airetechcorp.com">Sara.fazel@airetechcorp.com</a>
Sustainability	TBD		
Webmaster/ECC	Austin Whetstone	918-237-3663	<a href="mailto:austin@okchiller.com">austin@okchiller.com</a>
YEA	Zachary Seizinger	918-998-0007	<a href="mailto:zseizinger@eei-ok.com">zseizinger@eei-ok.com</a>