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## UPCOMING EVENTS

- **November 3rd**  
Chapter Meeting  
11:30am to 1:30pm  
Tulsa Country Club  
[Virtual Link](#)
- **November 11th**  
Board of Governors  
Meeting (4-5pm) -  
Meeting Site is at  
Elgin Park

## PRESIDENT'S MESSAGE

By Claire Farr

**T**hank you to everyone who came out in October for our first in-person chapter meeting in more than 18 months! It was great to get back together again, and streaming our meeting online worked out well too. During our meeting, we talked about the future of ASHRAE and our industry when we highlighted Young Engineers in ASHRAE (YEA), the ASHRAE strategic plan, and an excellent presentation on energy modeling by chapter member Weixiu Kong.

So “shaping the future of the industry” sounds great, but HVAC-R is a big, complex industry that is driven by rapidly evolving technology. How can we participate directly in shaping the technical research and guidance our industry is based on? ASHRAE provides many avenues to get involved!

At the chapter level, our Chapter Technology Transfer Committee (CTTC) leads these efforts. We will highlight the CTTC as our committee theme for the month. CTTC directs our chapter technical programming, professional development, and participation in Society’s technical awards programs.

At the national level, our Society’s work in this area is organized into volunteer Technical Committees. These committees identify needed industry research, participate in reviewing the ASHRAE standards, and review relevant chapters of the ASHRAE Handbooks. So if you have an opinion on what critical questions our Research Promotion dollars should be invested in answering, or if you’ve always thought that a particular ASHRAE standard needs to be updated to better guide HVAC-R design decisions, this is your opportunity to advocate for that. There are a variety of committees and levels of participation, which we will introduce at our chapter meeting. Any interested individual can get involved, so you simply have to be willing to invest the time. But what better way to directly shape the fundamental technical guidance supporting the success and future of our industry?

For our main chapter program this month, we will hear from a very active Technical Committee member, NEOK chapter member and ASHRAE Fellow and Distinguished Lecturer Mark Fly. Mark will present “What’s Shakin’ – Vibration Fundamentals and Human Perception.” We hope you will join us at Tulsa Country Club, or alternatively, by [logging into our GoToMeeting](#) from your computer.

*Claire Farr*

**Claire Farr**  
2021-2022 Chapter President  
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CHAPTER TECHNOLOGY TRANSFER/PROGRAMS

By Michael Floyd

Thank you to everyone who was able to make it for the first meeting of the ASHRAE year! I hope everyone enjoyed Weixiu Kong’s presentation on energy modeling and ventilation calculations and hopefully will be able to use this information on future projects. I’d like to thank Weixiu, for being willing to present at our chapter’s first meeting.

For our next chapter meeting, we’ll be having one of ASHRAE’s Distinguished Lecturers, Mark Fly P.E., who will be presenting on “What’s Shakin’ – Vibration Fundamentals and Human Perception.” Mark has over 40 years of experience as a Researcher, Consulting Engineer, Contractor, and Manufacturer in the HVAC Industry. He is currently the Executive Director of the Norman Asbjornson Innovation Center at AAO, Inc. in Tulsa, Oklahoma having served as Director of Engineering of AAO for 11 years prior to taking that position. He holds a Bachelor of Science in Engineering Physics from Missouri State University and is a Licensed Professional Engineer in two states. Mark has also served on numerous Technical Committees and Councils in ASHRAE.

So please try to find time to join us for lunch on November 3rd at 11:30am for our next ASHRAE meeting at the Tulsa Country Club (701 N. Union Ave).

Also, please block out time on your calendar for February 17th, where our chapter has been invited to tune into Austin’s TX chapter meeting to listen to DL speaker Tim Wentz.

Lastly, if any of you require Professional Development Hours, or are just wanting to learn more about this industry, I suggest you check out ASHRAE’s Online Instructor-Led Courses by clicking the link below:

https://www.ashrae.org/professional-development/all-instructor-led-training/online-instructor-led-training

Michael Floyd
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TREASURER REPORT

By Matt Simmons

Our chapter’s current net worth as of November 1, 2021 is as follows.

Table with 2 columns: Asset Name and Amount. Rows include Paypal account (\$12,329.56), BOK- General checking (\$35,528.67), BOK-Investments-CRC-Training (\$19,284.69), Jack Tumilty Scholarship Fund (\$27,498.95), and Total assets (\$94,641.87).



Matt Simmons
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YEA

By Zach Seizinger

YEA and ASPE's Oktoberfest event was a huge success! We sold out all tickets purchased and had a great time hanging out and enjoying the festival. We plan on keeping the momentum going with another event coming in December or early January, stay tuned and we hope to see you there!



ASPE & ASHRAE Joining Together for some good fun!



YEA Members showing their best beer stein pose

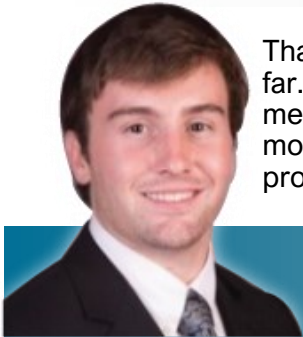


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## RESEARCH PROMOTION

By Jason Blair



Thank you to everyone who has donated to our Research Promotion fundraising effort so far. Our chapter officers are on their way toward completing the Full Circle award requirements by each donating \$100 by November 15th. Will you join them in contributing this month to important HVAC-R research? You can read more about ASHRAE's research projects on [Society's website here](#).

**Jason Blair**  
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## 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](#)

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## MEMBERSHIP PROMOTION

By Brian Biggerstaff

Have you renewed your ASHRAE membership for this year? When you do, you will now have access to an exciting new member benefit option. Starting this year, when you renew as a Full Member or Associate Member, you may choose from one of these options:

- 1) A PDF of an ASHRAE Handbook,
- 2) A PDF of one ASHRAE Standard, or
- 3) One E-Learning Course.

So renew today!



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## STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. OSU Symposium is tomorrow November 2, 2021 at 5:30pm at Oklahoma State University in Stillwater. It will feature a design contest for the students. For information regarding the event, contact me at [jacob.koch@leeandbrownne.com](mailto:jacob.koch@leeandbrownne.com).

The reactivation of the University of Tulsa Student Activity Branch is under way! Dr. Karimi is the main advisor. Right now there are two students signed up. The branch needs 5 students to establish the branch. If you know any students interested. Let me know.

A reminder, there are three scholarships available through NEOK ASHRAE. NEOK college student scholarships shall be given to two Tulsa area college students each year. Both students will be selected from applications received from either the University of Tulsa, Oklahoma State University-Tulsa, or Oklahoma State University-Okmulgee. The scholarship amounts shall be \$800 each for two recipients. Also there is a \$1000 scholarship in the name of Tulsa engineer Jack E. Tumilty (Jack E. Tumilty Scholarship) to a Tulsa metropolitan area graduating high school senior who will be entering the study of mechanical engineering at a college of their choice in the fall. The scholarships shall be awarded yearly at the April NEOK ASHRAE chapter meeting. I will be handing out fillers promoting these scholarships at colleges and high school. If anyone knows any students that would be a good candidate for the scholarships, then direct them to the NEOK ASHRAE website.

I look forward to the new ASHRAE year. The future is bright for ASHRAE!



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Tulsa, Oklahoma

Newsletter of the NEOK Chapter of ASHRAE Region VIII

www.ashrae.org | www.ashrae-neok.org

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ELECTRONIC COMMUNICATIONS

By Matt Petersen

October has come and gone, and with that our first ever hybrid chapter meeting. We met at the Tulsa Country Club and simultaneously had a GoToMeeting in place for online attendees. This will be our standard operating procedure for this ASHRAE year. Each chapter meeting will also have a GoToMeeting available for those that cannot make the in-person event.

The link for the online option is the same for each month and in case you need the link it is posted on the chapter website and will be posted on our social media pages as well. The next chapter meeting is November 3rd at 11:30 am CDT. The link to join is: https://global.gotomeeting.com/join/856281357 or by phone at (571) 317-3122 with Access Code: 856-281-357.

The NEOK Schedule of Events is waiting for events that you would like posted on our NEOK web site, please forward them to neok.ashrae@gmail.com and I will see if I can get them included.

If you follow us on Facebook you should be seeing more posts this year. Notice pics from our October meeting. Please connect with us on LinkedIn. As always, chapter information is offered on these two social media sites and our chapter website, www.ashrae-neok.org.



Click on one of these logos to visit our pages.



Matt Petersen

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HONORS & AWARDS

By Mike Beda

November is the month the H & A Committee starts the process of choosing a person for the Chapter 'Hall of Fame' award for this society year. The award will be presented at the local chapter meeting in March of 2022. Evaluation is based on the following criteria: direct or indirect Chapter service, Regional or Chapter activities, promotion of the Chapter or ASHRAE values, technical advancement of ASHRAE, financial support of Chapter and adherence to ASHRAE's code of ethics.

If you have an individual member (living or deceased) that you think will meet the criteria of this award, please mail or call me.

Mike Beda can be reached at 918-706-8309 or mikebeda1945@yahoo.com



Mike Beda

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## HISTORY

By Gene Redford

We lost another past president who passed away last month. Sid Simon was one of our active members of NEOK chapter. As I remember, Sid was the one who started our annual golf tournament and keeping track of the winners, before turning it over to Jerry Beardsley.

Sidney Alex Simon was born in Cleveland, Ohio, the son of Bertha and Max Simon on July 25, 1927. He was married to his loving wife, Clara, for over 60 years, and has daughters, Joy Pentz of Indianapolis, Carol Simon of Fort Lee, NJ, and Doreen Shackelford of Broken Arrow, OK; 9 grandchildren and 9 great-grandchildren.

After Sid served in the Army of the Corps of Engineers in Germany during World War II, he had a successful and busy career. He was a registered professional engineer and received a degree in Mechanical Engineering from Cleveland State University. He was Principal Emeritus and Vice President at Matrix Architects and Engineers of Tulsa since 1966. He was past President of the American Society of Heating, Refrigerating, and Air Conditioning Engineers of Northeast Oklahoma. He also served on the Tulsa Mechanical Examiners and Appeals Board. Over the years, Sid Simon designed mechanical systems for many projects, including the Pentagon Improvements, Pan American Airlines, Big Splash Water Park, Edison High School, John Zink, First National Banks, and countless others.

Sid Simon also belonged to the Southeast Rotary Club, The Green Tea Club and was an Accredited Visitor for Mended Hearts. He was a member and cofounder of the Tulsa Brown Backers, a support group for the Cleveland Browns. He loved to play golf and made two holes in one, one of which landed in the hole without touching the green.



Sadly, Sid Simon was preceded in death by his son, William Simon, in 1996. Sid Simon was a loving husband, father and grandfather, and proud American Patriot!



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## MEETING MINUTES

By Austin Barton

### Recording of Minutes

**Chapter:** Northeastern Oklahoma Chapter 069

**Meeting Date:** October 14, 2021

**Meeting:** September 2021 BOG

**Attendance:** 08

**Compiled By:** Austin Barton

**Attendees:** Claire Farr, Dan Owens, Matt Peterson, Mike Beda, Michael Floyd, Matt Simmons, Pam Dunlap, Austin Barton.

The NEOK August BOG Meeting was held at Elgin Park, 325 E Reconciliation Way, Tulsa, OK 74120. President Clair Farr called the meeting to order at 4:00 PM.

#### **Thank to ES2 for sponsoring for food and drinks**

**President:** Claire Farr

Called meeting to order

Gave opening message.

Review of Chapter meeting and online attendance discussion.

MBO's everyone's submitted and distributed.

Meeting's future, current location at Elgin Park set for all future meetings, but up for discussion due to parking.

March and April meeting Keith Averitt may lead.

Star chapter discussion, not being used to submit.

**President Elect / Newsletter:** Keith Averitt

Newsletter articles due by Oct 29th. Please have all required articles submitted.

**Treasurer:** Matt Simmons

Matt Opened budget discussion.

P&L for the Golf Tournament emailed out, need to follow-up on non-collected sponsorships. Numbers are assuming are collecting all outstanding balances. Then submit to society.





## MEETING MINUTES (*continued*)

By Austin Barton

Discussion on allocation of funds, Picnic will only go to chapter scholarship.

ASHRAE research vs endowment fund – allocation discussion, intent is to have a budget item.

Send in all RP – Maybe all golf proceeds to RP this year.

Either regular fund or endowment.

Dan Owens reports on reviewed Audit. Will need further / more access for complete full audit.

Looking through all document there has been no embezzlement or reapportion of funds.

Do need to perform monthly reconciliations.

At BOG meetings there should be reconciled bank statements, report account balance, register report.

Proposal Option for Treasurer of CFMA (Construction Firm Managers Association) to attend a meeting and keep books through quicken.

This would cost \$1,200.00 a year, (\$100 a month).

Would also complete the IRS card

Future Vote. Tabled

The books could be in better shape, but there is nothing bad unethical going on.

Probably need to go back one or two years.

Note that chapter had donated to the scholarship account.

Matt Simmons will send around final approved budget.

Locate the Find the check and do reconciliation adjustment.

### **Secretary:** Austin Barton

September chapter meeting minutes.

September chapter meeting minutes were voted on and approved.

### **Attendance / Reception:** Pam Dunlap

43 attended Chapter Meeting.

Will start tracking members vs nonmembers.

Purchasing of the gift, will be treasurer, signatories for the account.

### **CRC Delegate / PAOE:** Steve Uerling

Claire Farr reporting: Donate a \$100 by November 15<sup>th</sup> for the officers.

Point for full circle plus if we get all of BOG voting members.



## MEETING MINUTES (*continued*)

By Austin Barton

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

Planning, January covered. And planning for March.

ASPE joint discussion in the works.

Looking to combine an Online with the Texas chapter.

Sponsorship for Tulsa STEM alliance will also be a student activity.

New letter article, review. Place in newsletter the speaker. Place name below the speaker.

### **Electronic Communications and Publicity:** Matt Peterson

Posting pictures of events and speakers.

Needs photos from any members of the events.

Does have up to December reserved on go to meeting.

### **GGAC:** Garen Ewbank

Claire Farr reporting: Legislators to November meeting but waiting conformation. Chad and Garen.

Please remember to take photos of this event.

This is ASHRAE presentation, option for this meeting.

### **Historian:** Gene Redford

Claire Farr reporting: Gene is on track for newsletter.

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

Couple people set up for chapter service award.

Working on Hall of Fame.

Banners are at Claire Farr's Office.

Looked at and reviewed banners.

Have folder of more patches and Premier award.

Have all the materials / awards in one place.

Chapter document of all resources inventory.

Article being submitted.



## MEETING MINUTES (continued)

By Austin Barton

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

Claire Farr Reporting. Reaching out to delinquent members.

### **Refrigeration:** Eric Mullinks

No update.

### **Research Promotion:** Jason Blair

Claire Farr Reporting: Jason retrieved records from last year.

Total rev was reports and reported what we sent to RP.

Check sent to society for research promotion

How much is our goal?

December total 30%.

Check verified with register at meeting. 4509.64 check needs to be written to RP. Send 5000 for 21-22 to RP.

See if we can make donation to our foundation.

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

No Update have already reviewed the Golf Tournament.

### **Student Activities:** Jacob Koch

Working on flyer for TU club, OSU symposium December 2<sup>nd</sup>.

### **Sustainability:** ELGIN PARK Claire Farr reporting.

No new business.

### **YEA:** Zach Seizinger

Claire Farr Reporting. All tickets for Octoberfest are out, so we are looking good.

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

No new Business

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

Data base contact discussion. Can we delete emails contacts that are bouncing back after 3 months?



Austin Barton

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## GGAC

By Garen Ewbank

### Support for the 2021 International Energy Conservation Code is Now Available in REScheck™!



The U.S. Department of Energy (DOE) has released REScheck Version 2.1.0, a free, web-based software application that helps builders, designers, and contractors demonstrate that a particular home complies with the latest provisions of the International Energy Conservation Code, the 2021 IECC. DOE has determined that the provisions of the 2021 IECC will achieve savings of 9.4% in residential buildings (compared to the previous 2018 edition).

[Learn more](#) or jump right to [REScheck-Web!](#)

**Garen Ewbank**

405.826.8156

[gewbank@geotctest.com](mailto:gewbank@geotctest.com)



*October meeting attendees enjoy lunch together*



*President Claire Farr kicks off our initial meeting*



*Meeting attendees listen to Weixiu Kong's presentation on energy*



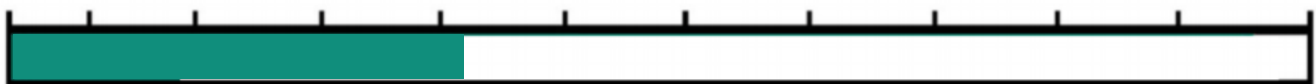
## 2021/2022 Calendar of Events

<u>Important Dates</u>	<u>Meeting</u>	<u>Location</u>
September 8, 2021	Golf Tournament	LaFortune Golf Course
September 16, 2021	Board of Governors	Elgin Park
October 6, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
October 14, 2021	Board of Governors	Elgin Park
November 3, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
November 11, 2021	Board of Governors	Elgin Park
December 1, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
December 9, 2021	Board of Governors	Elgin Park
January 12, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
January 20, 2022	Board of Governors	Elgin Park
January 29– Feb. 2, 2022	ASHRAE Winter Conference	Las Vegas, NV
February 9, 2022	Chapter Meeting/ Auction (Dinner)	Tulsa Country Club
February 17, 2022	Board of Governors	Elgin Park
March 2, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
March 10, 2022	Board of Governors	Elgin Park
April 6, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
April 14, 2022	Board of Governors	Elgin Park
April 27–May 1, 2022	CRC	Houston, TX
May 4, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
May 12, 2022	Board of Governors	Elgin Park
June 9, 2022	Board of Governors	Elgin Park
June 25-29, 2022	ASHRAE Annual Conference	Toronto, ON, Canada

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

## 2021/2022 NEOK PAOE Points

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





## 2021/2022 Chapter Volunteers

### Officers

President	Claire Farr	918-279-6450	<a href="mailto:cfarr@es2ok.com">cfarr@es2ok.com</a>
President Elect	Keith Averitt	918-624-1005	<a href="mailto:kaveritt@eei-ok.com">kaveritt@eei-ok.com</a>
Treasurer	Matt Simmons	918-258-6890	<a href="mailto:msimmons@eda-fki-engineers.com">msimmons@eda-fki-engineers.com</a>
Secretary	Austin Barton	918-359-9107	<a href="mailto:barton.a@mcintoshok.com">barton.a@mcintoshok.com</a>

### Board of Governors

BOG	Brian Biggerstaff	918-219-4030	<a href="mailto:bbiggerstaff@eei-ok.com">bbiggerstaff@eei-ok.com</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	Steve Uerling	918-836-0271	<a href="mailto:steve.uerling@leeandbrowne.com">steve.uerling@leeandbrowne.com</a>
CRC Alternate	Claire Farr	918-279-6450	<a href="mailto:cfarr@es2ok.com">cfarr@es2ok.com</a>
Attendance/Reception	Pam Dunlap	918-587-4747	<a href="mailto:pbdunlap@matrixae.com">pbdunlap@matrixae.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	Garen N. Ewbank	405-826-8156	<a href="mailto:gewbank@geotctest.com">gewbank@geotctest.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	Keith Averitt	918-624-1005	<a href="mailto:kaveritt@eei-ok.com">kaveritt@eei-ok.com</a>
Nominating	ELGIN PARK		
Publicity / Social Media	Matt Petersen	918-978-9543	<a href="mailto:petersenmatthewe@gmail.com">petersenmatthewe@gmail.com</a>
Refrigeration	Eric Mulliniks	918-382-6432	<a href="mailto:ericm@aaon.com">ericm@aaon.com</a>
Research Promotion	Jason Blair	918-232-7654	<a href="mailto:jblair@harrisonenergy.com">jblair@harrisonenergy.com</a>
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