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UPCOMING EVENTS

- **October 6th**
Chapter Meeting
11:30am to 1:30pm
Tulsa Country Club
[Virtual Link](#)
- **October 14th**
Board of Governors Meeting (4-5pm) -
Meeting Site is TBD
- **October 20th**
Oktoberfest @ River
Parks West
4pm-11pm

PRESIDENT'S MESSAGE

By Claire Farr

As we continue to plan our chapter activities for this year, I'd like to reflect the various ways that we and ASHRAE prepare for the future of our industry.

First, a big thank you to everyone who made last month's golf tournament a resounding success! One of the ways our chapter contributes to the future development and relevance of our industry is by raising funds for the critical industry research ASHRAE conducts, and the golf tournament is one of our primary fundraisers of the year. Under Nolan Chance's leadership, we sold out our flag and hole sponsors and exceeded our goal of registering 20+ teams of golfers. Thank you to Nolan and all of our sponsors and participants!

Beyond conducting research, there are many other examples of how ASHRAE's programs are dedicated to preparing for and guiding the future of our industry, and we will be discussing a few at this month's meeting. For example, ASHRAE and each local chapter supports the engagement, networking, and professional development of our youngest chapter members through YEA, or "Young Engineers in ASHRAE." YEA will be our committee theme this month, and chair Zach Seizinger will briefly speak at the beginning of our chapter meeting to tell us about YEA and their upcoming Oktoberfest event in partnership with ASPE and Membership Promotion.

Another example of ASHRAE's preparation for the future is in ASHRAE's "2019-2024 Strategic Plan," which we will also briefly review at this month's meeting. That said, we will spend the majority of our meeting time learning about a topic of increasing importance to the future of our industry from one of our own chapter members when Weixu Kong presents "Common Issues for Energy Modeling and Ventilation Calculations for LEED Projects."

Even the format of this month's meeting reflects the ever-changing nature of doing business. We will be returning to meeting in-person at Tulsa Country Club for the first time in more than a year. I know many of us are looking forward to returning to our monthly gatherings with other HVAC-R professionals dedicated to the future of our industry. Of course, some members are more comfortable continuing to participate virtually, so we are entering a new adventure of simultaneously streaming our in-person meeting [online via GoToMeeting](#). This will be an experiment, so please bear with us as we try to meet the needs of all members.

As we think about how we and ASHRAE can plan and prepare for the future, I'm reminded of our 2021-2022 Society theme, "Personal Growth. Global Impact. Feed the Roots." As ASHRAE President Mick Schwedler says, the theme "focuses on how three sets of roots (personal roots, our grassroots, and technical roots) have served our Members since we were founded in 1894. These roots continue to help each person to grow, and collectively deliver significant global impact. As we move into the future it's important for each of us to 'Feed the Roots' of others."

Claire Farr

Claire Farr
2021-2022 Chapter President
cfarr@es2ok.com





CHAPTER TECHNOLOGY TRANSFER/PROGRAMS

By Michael Floyd

Our NEOK ASHRAE Chapter lunch meeting is coming up this October 6th at 11:30 am, and will be held at Tulsa Country Club (701 N Union Ave). The presentation for this meeting will be by Weixiu Kong Wang, and she will be speaking on "Common Issues for Energy Modeling and Ventilation Calculations for LEED Projects." Weixiu is a Senior Energy/HVAC Certification reviewer at GBCI (Green Business Certification Inc.) and also serves as an Indoor Environmental Quality Subject Matter Expert for GBCI. Weixiu graduated from OSU with a Ph.D. degree in Mechanical Engineering. Her research area includes airflow characteristics and heat transfer within rooms. Before joining GBCI, Weixiu's work experience included building energy modeling, MEP consulting, and teaching refrigeration Fundamentals. So please, make sure to take time off of your busy week to come sit in on the first meeting of this year!

Looking ahead, our November meeting will be November 3rd, and our speaker will be Mark Fly (one of ASHRAE's Distinguished Lecturers). Mark will be speaking on "What's Shakin' - Vibration Fundamentals and Human Perception".

Also, 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

I am happy to report that from our 2021 NEOK ASHRAE Golf tournament, I am projecting a Net Revenue after expenses of \$14,238.79. Our chapter's current net worth as of September 30, 2021, which does not yet include Golf tournament revenue, is as follows:

Table with 2 columns: Asset Name and Amount. Rows include BOK- General checking (\$28,676.65), BOK-Investments-CRC-Training (\$19,284.69), Jack Tumilty Scholarship Fund (\$27,467.12), and Total Assets (\$75,458.46).



Matt Simmons
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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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YEA

By Zach Seizinger

ASPE and NEOK ASHRAE have joined forces this year to reserve a table at the **2021 Linde Oktoberfest**. All of the Details for YEA's upcoming Oktoberfest event have been ironed out and now all that is left to do is come hang out and enjoy an ice cold beer, some Authentic German Food and Entertainment, or even try your hand at the Beer Stein Holding Contest! Looking forward to seeing everybody at the event, feel free to reach out to me with any questions.



Oktoberfest 2019 brought out the best of the best

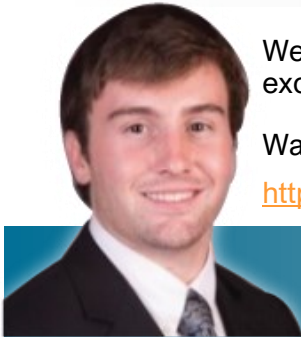


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RESEARCH PROMOTION

By Jason Blair



We are off to a great year for 2021-2022, with proceeds from the annual golf tournament exceeding \$14,000. Thanks to all who came out for a great day of golf!

Want to make an online donation? Please visit the link below to make a contribution.

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

Jason Blair

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REFRIGERATION

By Eric Mulliniks

Did you know that ASHRAE has many Technical Committees that you can get involved in, including several that deal with refrigeration? ASHRAE's Technical Committees are responsible for ASHRAE Handbook chapters, Society-sponsored research projects, programs at ASHRAE meetings, reviewing technical papers, etc. Check out the [ASHRAE website](#) for a full list of Technical Committees and how you can apply to participate in one.

Eric Mulliniks

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MEMBERSHIP PROMOTION

By Brian Biggerstaff



I am proud to announce that we have 8 new members this year!

Our New members are Ryan Merrit, Mitchell Brigden, Nicholas Tate, Legen Belcher, Joseph Denton, Sam Nelson, Keaton Lockhart, and Stephen Halcomb. Please say Hello to them at our next ASHRAE Meeting.

Let's make a big push this year for ASHRAE Membership! If you or anyone you know is interested in joining ASHRAE please have them reach out to me. Thanks!

Brian Biggerstaff

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STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. The University of Tulsa is interested in restarting the ASHRAE program thru the school. With the help from an advisor and 5 student members, NEOK ASHRAE will have a renewed partner in providing HVAC information to a new generation of students. This is a great opportunity to get the next generation of engineers plugged into our community! If you know a University of Tulsa Student interested, then contact me at jacob.koch@leeandbrownne.com. Thank you.

A reminder, there are three scholarships available through NEOK ASHRAE. NEOK college student scholarships will 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 will be \$800 each for two recipients. Also there is a \$1000 scholarship in the name of Tulsa engineer Jack E. Tumilty (aka "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 will be awarded yearly at the April NEOK ASHRAE chapter meeting. I will be handing out fliers 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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ELECTRONIC COMMUNICATIONS

By Matt Petersen

Fall may be officially here, but we still are having our share of hot weather. Just a few more weeks and we will be able to enjoy evenings sitting by a fire. This month we are back live and in-person for our monthly chapter meeting at the Tulsa Country Club. We will also broadcast the meeting via GoToMeeting, see link below.

NEOK Chapter GoToMeeting, Wed, October 6, 2021, at 11:30 am – 1:00 pm CDT, use this link to join: <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. Just this past month we added some pics from the golf tournament and the upcoming YEA event at Oktoberfest. 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

The ASHRAE website and Journal are now promoting the Winter Meeting and Expo in Las Vegas on January 29 – February 2, 2022. 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 can be reached at 918-706-8309 or mikebeda1945@yahoo.com



Mike Beda

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HISTORY

By Gene Redford

Some photos taken from different events; see how many people you recognize.



Tim Wilcox and his wife at a tech session



Past President Ron Spencer



Jim Keim as one of our auction nights



Some members enjoying BBQ



Gene Redford
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MEETING MINUTES

By Matt Simmons

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting Date: May 05, 2021

Meeting: May 2021 Chapter Meeting

Attendance: Total 30 attendees

Compiled By: Matt Simmons

May Chapter Meeting

Meeting Held virtually VIA GoToMeetings on 5/05/2021

- Steve Uerling called meeting to order and gave opening message.
- Chad Smith Spoke on GGAC and SB 148 update and introduced Senator Dave Rader
- David Rader gave update on passing of SB 148 and the Oklahoma Uniform Building Code.
- Steve Uerling turned it over to Rachel for speaker introduction.
- Rachel Spitler introduced the speaker, Dr. Douglas Reindl
- Presentation by Dr. Douglas Reindl on "ASHRAE Standard 15".
- Speaker conclude presentation and opened for questions.
- Steve Uerling provided closing comments and Adjourned meeting at 1:00pm.

End of meeting minutes

Matthew Simmons

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MEETING MINUTES

By Austin Barton

Recording of Minutes

Chapter:	Northeastern Oklahoma Chapter 069	Meeting Date:	September 16, 2021
Meeting:	September 2021 BOG		
Attendance:	12	Compiled By:	Austin Barton

Attendees: Claire Farr, Jacob Koch, Mike Beda, Matt Peterson, Brian Biggerstaff, Matthew Simmons, Steve Uerling, Keith Averitt, Michael Floyd, Pam Dunlap, Chuck Mayfield, Austin Barton.

The NEOK August BOG Meeting was held at Virtual VIA GoToMeeting. President Clair Farr called the meeting to order at 4:00 PM.

President: Claire Farr

- Called meeting to order
- Gave opening message.
- Golf Tournament was a success, thanks to all parties.
- Tulsa country club confirmed for chapter meeting and does have Wi-Fi available.
- MBO template emailed out for completion.
- Star Chapter discussion online tomorrow. Took roll for interested parties.
- Reference prior sent email for all documents referenced in this meeting.
- Discussion of PAOE points.

President Elect / Newsletter: Keith Averitt

- Newsletter articles due by Oct 1st. Please have all required articles submitted.
- Any pictures of ASHRAE and Golf Tournament, please submit.

Treasurer: Matt Simmons

- Matt Simmons Opened budget discussion.
- Discussed any updated budgets for current yet.



MEETING MINUTES (*continued*)

By Austin Barton

- Discussed past cost budget for reference.
- Continued discussion of funding allocation in the budget.
- Fiscal Year discussion for submissions.
- Fiscal Year total / complete budget discussion.
- Opened budget review for any questions from any attending parties.
- Discussion of certain budget line-item allocations.
- Chair review for any budgetary line items discussion.
- Keith Averitt motioned for approval and Mike Beda seconded.
- Took full vote of all voting members and agreed with no dissenting votes.
- Streamlining excel spreadsheet for accounting.
- Next month will be full report of review.
- Discussion of 3rd party consulting for accounting.
- Tulsa Engineering Association discussion

Secretary: Austin Barton

- May chapter meeting minutes discussion.
- May chapter meeting minutes were voted on and approved.

Attendance / Reception: Pam Dunlap

- Is an MBO needed? Discussion.
- Purchasing of the gift, will be treasurer. Signatories for the account.

CRC Delegate / PAOE: Steve Uerling

- Results of the survey will be mailed out.

CTT Chapter Programs: Michael Floyd

- First 3 speakers are selected.
- Asking for spring commitments.
- ASHRAE tech hours web-class discussion.
- Other industry chapters discussions.



MEETING MINUTES (*continued*)

By Austin Barton

Electronic Communications and Publicity: Matt Peterson

- MBO copy submitted.
- PAOE points discussion.
- Any event pictures for the social media content please send to Matt Peterson to post.

GGAC: Garen Ewbank

- No update

Historian: Gene Redford

- Claire Farr reporting: News article was submitted.

Honors & Awards: Mike Beda

- Banners are at Claire Farr's Office.
- Looked at and reviewed banners.
- Have folder of more patches and Premier award.
- In the future we may want to have all the materials / awards in one place.
- Should we compile a Chapter document of all resources inventory.
- Article being submitted.

Membership Promotion: Brain Biggerstaff

- Joint venture with YEA and ASPE for Octoberfest.
- Membership Renewal, reaching out to new members.
- RVC contact has been made.

Refrigeration: Eric Mullinks

- No update.

Research Promotion: Jason Blair

- Claire Farr Reporting: How much we need to send into RVC.

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

- No Update have already reviewed the Golf Tournament.



MEETING MINUTES (*continued*)

By Austin Barton

Student Activities: Jacob Koch

- Scholarship points have changed from the previous year.
- Driller game with Boy scouts and Girl scouts.
- New students signing up / internship membership.
- Officers STEM activities, please let Jacob know.

Sustainability: TBD Claire Farr reporting.

- No new business.

YEA: Zach Seizinger

- Claire Farr Reporting. Sponsors for the Octoberfest event.
- Flyer to be sent by Monday the 27th of September.
- 8 tickets left for the YEA. If anyone wants to go please contact Zach.

General Budget Review: All Parties

- No new Business

New Items / Other Business: BOG Attendees

- Intend to be getting back to in-person meetings in the future.
- No new Business

Meeting was adjourned at 5:06 pm.



Austin Barton

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Tulsa, Oklahoma

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GGAC

By Garen Ewbank

We are actively working with our State Congressmen regarding issues that directly impact those of us in the engineering community. Thank you for your help and support!



OKLAHOMA



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2022 ASHRAE Golf Tournament

2022 ASHRAE Golf Tournament





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	TBD
October 6, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
October 14, 2021	Board of Governors	TBD
November 3, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
November 11, 2021	Board of Governors	TBD
December 1, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
December 9, 2021	Board of Governors	TBD
January 12, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
January 20, 2022	Board of Governors	TBD
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	TBD
March 2, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
March 10, 2022	Board of Governors	TBD
April 6, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
April 14, 2022	Board of Governors	TBD
April 27–May 1, 2022	CRC	Houston, TX
May 4, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
May 12, 2022	Board of Governors	TBD
June 9, 2022	Board of Governors	TBD
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	cfarr@es2ok.com
President Elect	Keith Averitt	918-624-1005	kaveritt@eei-ok.com
Treasurer	Matt Simmons	918-258-6890	msimmons@eda-fki-engineers.com
Secretary	Austin Barton	918-359-9107	barton.a@mcintoshok.com

Board of Governors

BOG	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
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	Steve Uerling	918-836-0271	steve.uerling@leeandbrowne.com
CRC Alternate	Claire Farr	918-279-6450	cfarr@es2ok.com
Attendance/Reception	Pam Dunlap	918-587-4747	pbdunlap@matrixae.com
Audit	Dan Owens	918-359-9110	owens.d@mcintoshok.com
CTT/Programs	Michael Floyd	918-836-0271	michael.floyd@leeandbrowne.com
GGAC	Garen N. Ewbank	405-826-8156	gewbank@geotctest.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	Keith Averitt	918-624-1005	kaveritt@eei-ok.com
Nominating	TBD		
Publicity / Social Media	Matt Petersen	918-978-9543	petersenmatthewe@gmail.com
Refrigeration	Eric Mulliniks	918-382-6432	ericm@aaon.com
Research Promotion	Jason Blair	918-232-7654	jblair@harrisonenergy.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	Jacob Koch	918-836-0271	Jacob.Koch@Leeandbrowne.com
Sustainability	TBD		
Webmaster/ECC	Matt Petersen	918-978-9543	petersenmatthewe@gmail.com
YEA	Zachary Seizinger	918-998-0007	zseizinger@eei-ok.com