



TABLE OF CONTENTS

- [President's Message](#)
- [Chapter Technology Transfer](#)
- [Treasurer Report](#)
- [Honors & Awards](#)
- [Student Activities](#)
- [Membership Promotion](#)
- [Government Affairs](#)
- [Electronic Communications](#)
- [History](#)
- [Special Events](#)
- [Calendar](#)
- [Chapter Volunteers](#)

UPCOMING EVENTS

- **May 5th:**
Chapter Meeting (11:40 a.m.) [online](#)
- **May 13th:**
Board of Governors Meeting (4:30 p.m.)
online

President's Message

Finishing an Unusual ASHRAE Year

Chapter Regional Conference (CRC) is now in the rearview mirror, which means the most unusual ASHRAE year in memory is almost over. This conference was to have been held in Monterrey, Mexico, but was switched to an online format like all other national ASHRAE conferences this year. Claire Farr won the award for best newsletter a second year in row – quite a rare feat! I for one look forward to being able to travel again and expect to be in Houston for CRC in 2022.

Another committee from our chapter that received accolades at CRC was our Government Activities Committee. I will not steal Garen Ewbank's thunder here in my article, but please do read down this month's newsletter for some big news! I will say thanks to Garen, Chad Smith, others in our chapter, and our colleagues in the Central Oklahoma chapter for a multi-year effort working to advocate with the OUBCC and state legislators. Chad and Garen corresponded with state legislators many times and in many ways, in addition to attending the "Day on the Hill" event over several years.

For this month's meeting we have yet another ASHRAE Distinguished Lecturer. This is one thing I have liked about our online format – I feel that the quality of our speakers was excellent this year. Please stick around for about five minutes after the conclusion of our main program speaker for the installation of our 2021-2022 chapter officers. I can say with confidence that the chapter is going to be in great hands with Claire Farr as president. There is reason to believe our meetings in the fall can return to in-person format, but this will be decided at the BOG over the summer.

May presents two opportunities for outdoor get togethers in person – the recent YEA event at Drillers Stadium and our upcoming sporting clay shooting event at Zink Ranch. See details below.



Tulsa, Oklahoma

Newsletter of the NEOK Chapter of ASHRAE Region VIII

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

Vol. LXI | Issue 9 | May 2021

It has been an honor to be president of an ASHRAE chapter with such a strong tradition, and I could not have made it through without so many great volunteers. I will see you online on May 5th at 11:40!

Steve Uerling



Steve Uerling
2020-2021 Chapter President
Steve.Uerling@leeandbrowne.com

CHAPTER TECHNOLOGY TRANSFER

By Rachel Spitler

Thank you to everyone who attended our April meeting. Reece Robinson with Grundfoss gave us an informative presentation on parallel pumping. Our last meeting of the society year will be May 5 and our speaker will be another Distinguished Lecturer. Dr. Douglas Reindl with the University of Wisconsin-Madison will be presenting on “ASHRAE Standard 15 – A Review and Update”. This will be our first refrigeration topic this year, so please join us via [Go-To Meeting](#) on May 5!

The [2021 virtual summer conference](#) will be here before you know it! The technical program runs June 26-28, but committee meetings will run June 7-25. Committee meetings are in process of being scheduled, so be on the lookout for a complete schedule in mid-May. This is a great opportunity to learn more about ASHRAE’s technical endeavors without leaving the comfort of your own home or office. I hope some of you will be able to take advantage!



Please check out ASHRAE’s [online instructor-led courses](#) if you are in need of some training. There are four courses planned for the month of May and three for the month of June.

Rachel Spitler
918.346.6836
RSpitler@cyntergy.com



TREASURER REPORT

By Keith Averitt

We just sent a check into ASHRAE Research in the amount of \$8,500.

We also wrote a total of six (6) checks in the amount of \$4,800 for scholarships.

This leaves us a total balance of \$23,683.41.



Keith Averitt
918.624.1005
kaveritt@eei-ok.com

HONORS & AWARDS

By Mike Beda

The 2021 Region VIII CRC was a virtual event again this year. I am looking forward to next spring with a face to face meeting in Houston for CRC 2022.

Our chapter's delegate and alternate, Duane Harman and Steve Uerling, gave the chapter report for this year and promoted our nominee for the Chapter Service Award. Society will review the qualifications of the individual and award it next April if all information is correct.

At the Saturday Awards Ceremony, Rob Teis received the Chapter Service Award for his many years of service as Chair of two Grass Roots Committees (Chapter Technology Transfer and Research Promotion), chapter officers (president, president elect, secretary and treasurer), Delegate and Alternate to the CRC and chapter Board of Governors. Congratulations Rob!

At the same meeting Duane Harman also received the Chapter Service Award for his many years of service as chapter president twice (2013-14 & 2019-20), president-elect, secretary, treasurer, chair of two Grass Roots Committees (Chapter Technology Transfer and Membership Promotion), Delegate and Alternate to the CRC and chapter Board of Governors. Congratulations Duane!



Mike Beda
918.706.8309
mikebeda1945@yahoo.com



STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. I am excited to announce the NEOK college scholarship has 6 winners this year. Jordan Idlett, Samuel Butte, Trevor Robison, Rosendo Reyes, Freeman Degraffenreid, and Edgar Montoya are the NEOK college scholarship winners! All are students at Oklahoma State University-Okmulgee and interested in starting their own HVAC businesses. Each winner will receive an \$800 scholarship.

This year has been a unique year in world and ASHRAE history. With schools being shut down, E-week was cancelled, and general human face to face interactions banned, PAOE points were hard to collect. I am proud to announce NEOK student activities accumulated over 1200 points this year. It was a good year with points from scholarships, job shadowing, and zoom meeting on design projects. Next year, I hope to get back to regular NEOK student activities.

There are job shadowing opportunities available for students interested in engineering. Contact me at jacob.koch@leeandbrowne.com for anyone interested in the HVAC engineering field.



Jacob Koch
918.836.0271
Jacob.Koch@LeeandBrowne.com

MEMBERSHIP PROMOTION

By Eric Mulliniks

We thank you for your membership and encourage you to renew promptly when your membership comes due. If you don't know when your membership renews please take a moment to login to www.ashrae.org and check your membership status and renewal date, and while you are there check your bio to make sure all the information is correct and up to date.

Eric Mulliniks
918.382.6432
ericm@aaon.com



GOVERNMENT AFFAIRS COMMITTEE

By Garen Ewbank

The NEOK and Central Oklahoma chapters have worked together since 2015 to get the OUBCC to include the same year IECC section of the code in their current adoption of the International Code sections. The version of IECC currently adopted by the state is 2006 and severely out of date. The chapters expanded their efforts in 2019 in discussions with the OUBCC as well as state legislators.

In the spring of 2019, both chapters attended a meeting of the board of OUBCC to discuss the matter, but not much progress was made. At a later meeting with like minded organizations attending and presenting, the OUBCC indicated they would organize a committee to study and make recommendations and have some of the organizations present as part of that committee. Ultimately, this committee was never created.

Fellows from ASHRAE, AIA, and AEE wrote to the Commission about the importance of keeping all the code sections adopted on a consistent version and to help them understand how outdated code requirements can significantly impact the liabilities of professional engineers. With the arrival of the pandemic in 2020, the topic slowed to a stall. However, in the fall of 2020, the OUBCC appointed a committee to evaluate the IECC, which returned a recommendation to the full OUBCC that the 2015 version of the IECC be reviewed for adoption with the 2018 version of the other ICC code sections. An appointed technical committee will review the code for specific modifications that may be made, which will then be presented to the full committee sometime later in 2021.

Through this process, the ASHRAE chapters realized that there was a need for professional engineers licensed by the State of Oklahoma to sit on this commission to provide input from the mechanical and electrical design perspective. When the OUBCC was formed by statute in 2009, the requirements for the 11 members included 6 contractors, inspectors and building officials, an insurance industry professional, a licensed architect, and the State Fire Marshall. There were no requirements to have any licensed engineers on the commission giving input from the engineering design perspective.

The NEOK chapter reached out to Senator Dave Rader, Tulsa, in the fall of 2020 requesting sponsorship of legislation to increase the OUBCC board from 11 to 13 members and adding requirements that the two additional members be licensed professional engineers with the State of Oklahoma. Being a mechanical engineer from Tulsa University himself, Sen. Rader took that effort and authored Senate Bill 148. He was also able to get Rep. Sheila Dills and Sen. Darcy Jech to sign on as co-sponsors. Sen. Rader gave great insight to chapter members how to best communicate as constituents with other legislators to help them understand the merits of the bill.



Tulsa, Oklahoma

Newsletter of the NEOK Chapter of ASHRAE Region VIII

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

Vol. LXI

| Issue 9

| May 2021

GOVERNMENT AFFAIRS COMMITTEE

SB148 passed in the Senate on 2/11/21, and passed the House on 4/21/21. On April 27, 2021, Governor Stitt signed it into law and it was immediately effective through the emergency clause. With the emergency clause, the commission will be seeking nominations for the mechanical and electrical engineer positions to sit on the committee and these members will likely be in place when the Commission makes the decision on inclusion of the IECC code section with the other ICC sections. Thank you to all NEOK and COK chapter members who have participated in these meetings and discussions to help educate public officials about our industry.



Garen Ewbank
405.826.8156
gewbank@geotctest.com

ELECTRONIC COMMUNICATIONS

By Matt Petersen

Please do not forget to follow us on Facebook and become one of our connections on LinkedIn. We provide our chapter information via these two social media sites and our chapter website, we would hate for you to miss out on some interesting topics and events. Please go to www.ashrae-neok.org, [Facebook](#) or [LinkedIn](#).



Click on one of these logos to visit our pages.



Matt Petersen
918.978.9543
petersenmatthewe@gmail.com



HISTORY

By Gene Redford

I think it is always good to remind people from time to time about the history of most everything we know and use, so here are some interesting things for those who don't know and those who have forgotten.

This information came from an article Richard Shoemaker wrote when he was chapter historian, around 1988. A lot of our records were lost over the early years

In 1948 there were 39 chapters, and over 6,000 members in 48 states, Hawaii, Puerto Rico and 37 foreign countries. Our chapter was chartered in October, 1948, with 25 members. W. R. "Bob" Lee was very instrumental in putting together this chapter and was elected President. A. D. Holmes was VP, Richard Shoemaker was Secretary, and J. Neal Watt was Treasurer. Other members included Fred Colbert, E R Cooke, C H Dollmeyer, Edwin Jones, James Netherton, Bob Pauling, W C Rhodes and Pete Winget.

Bob Lee, who was building manager of the Beacon Building, served a second term as chapter president and was a "hard-shell Baptist," so no drinking. So in 1952, Clarence Dollmeyer and the BOG chose to have an open bar at the meetings and Bob was true to his beliefs and resigned from the chapter.

By 1957 the membership had increased to 51 members, with an average of 20 to 30 who attended the meetings. Times were tough in finding places to meet with such a small group. The meetings started out at the Louisiana located at 18th and Boston, which was too expensive for most of the members, so the hunt was on to find a new place. Some of the early places were the TU student center, Power's Restaurant, Sands Restaurant, Trade Winds and in 1970 we found a good place at the Financial Club until 1981. That is when Joe Tucker found a spot for us at the Candlewood Club, where we stayed until they closed.

Not many people remember that in 1960 chapter regions were revised and we moved from Region VI to Region VIII. The first Region VIII CRC was held in Shreveport, LA, and Dick Herron and Jim Shaw were our chapter delegates.

In 1957 a joint bar-b-que meeting was held in June with Central Oklahoma Chapter in OKC. These joint meetings became an annual event to be held in February and rotated between OKC and Tulsa each year. It usually consisted of a chartered bus for the trips and lots of fun. The last joint meeting was in Tulsa in February 1981.

In 1967 Jay Hambrick's BOG raised the chapter dues to \$7.50 and started the booster ticket plan at a cost of \$27.50, and by 1975 booster tickets was \$55.00. By the end of this year the chapter treasurer reported approximate \$1,900 in the bank.



Gene Redford
918.346.0444
giredbird@yahoo.com



Let's Go Shooting

Come enjoy having lunch with us, followed by an afternoon of clay shooting at the Red Castle Gun Club. This event is hosted by the NEOK Chapter of ASHRAE to benefit Research and Scholarship. The Tulsa Red Castle Gun Club is the most complete shooting range facility in Oklahoma and is located on a portion of the equally beautiful John Zink Ranch.

The competition consists of 60 target Sporting Clays + 40 target group Flurry. There will be a gate attendant to let everyone in, please do not call the ranch. If you would like to join us for lunch only, the cost is \$25. **Please do not arrive before 11am!**

What to Bring

- 12 or 20 gauge shotgun
- 100+ shells of 7 or 8 shot
- Ear and Eye protection
- For more info email:
rdunkerson@es2ok.com

WHERE: Tulsa Red Castle Gun Club – Shotgun Range

[Rock School Rd. & Zink Ranch Road in Sperry, OK 74073](#)

Phone: (918) 430-6793

WHEN: Friday May 14th

12:00 Registration & Lunch Followed by Safety Briefing

4:00 Awards Presentation

COST: \$100.00 each participant if registered by May 7th

\$120.00 after May 7th

Name: _____

Company: _____

Check # _____

Credit Card Payment Available via PayPal

Squad Members

Lunch Only - \$25, come be a spectator!

- 1 _____
- 2 _____
- 3 _____
- 4 _____

**Mail to: NEOK ASHRAE
P.O. Box 52746 Tulsa, OK 74152
Or email to rdunkerson@es2ok.com**



2020/2021 Calendar of Events

Important Dates

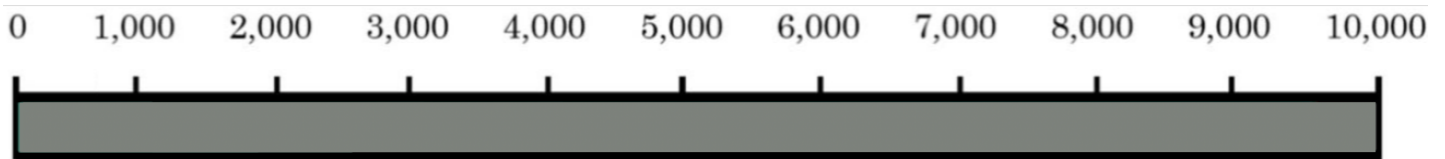
Meeting

Location

September 17, 2020	Golf Tournament	LaFortune Golf Course
September 24, 2020	Board of Governors	Online
October 7, 2020	Chapter Meeting (Lunch)	Online
October 15, 2020	Board of Governors	Online
November 4, 2020	Chapter Meeting (Lunch)	Online
November 12, 2020	Board of Governors	Online
December 2, 2020	Chapter Meeting (Lunch)	Online
December 10, 2020	Board of Governors	Online
January 13, 2021	Chapter Meeting (Lunch)	Online
January 21, 2021	Board of Governors	Online
February 9-11, 2021	ASHRAE Winter Conference	Online
February 10, 2021	Chapter Meeting (Lunch)	Online
February 18, 2021	Board of Governors	Online
March 3, 2021	Chapter Meeting (Lunch)	Online
March 11, 2021	Board of Governors	Online
April 7, 2021	Chapter Meeting (Lunch)	Online
April 15, 2021	Board of Governors	Online
April 22-24, 2021	CRC	Online
May 5, 2021	Chapter Meeting (Lunch)	Online
May 13, 2021	Board of Governors	Online
June 26-30, 2021	ASHRAE Annual Conference	Online

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

2020/2021 NEOK PAOE Points





2020/2021 Chapter Volunteers

Officers

President	Steve Uerling	918-836-0271	steve.uerling@leeandbrowne.com
President Elect	Claire Farr	918-279-6450	cfarr@es2ok.com
Treasurer	Keith Averitt	918-624-1005	kaveritt@eei-ok.com
Secretary	Matt Simmons	918-258-6890	msimmons@eda-fki-engineers.com

Board of Governors

BOG	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
BOG	Austin Barton	918-270-1414	barton.a@mcintoshok.com
BOG	Ray Gomez	918-584-0102	gomez@phillipsgomez.com
BOG	Mike Beda	918-706-8309	mikebeda1945@yahoo.com
BOG	Steve Johnson	918-935-1266	Steve.johnson55@cox.net

Committee Chairs

CRC Delegate	Duane Harman	918-382-6173	duaneh@aaon.com
CRC Alternate	Steve Uerling	918-836-0271	steve.uerling@leeandbrowne.com
Attendance/Reception	Pam Dunlap	918-587-4747	pbdunlap@matrixae.com
Audit	Chad Smith	918-665-6600	chad@airetechcorp.com
CTT/Programs	Rachel Spitler	918-346-6836	RSpitler@cyntergy.com
GAC	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
K-12 STEM	Cheyenne Reynolds	918-224-6560	creynolds@sapulpaps.org
Membership Promotion	Eric Mulliniks	918-382-6432	ericm@aaon.com
MP Co-Chair	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
Newsletter	Claire Farr	918-279-6450	cfarr@es2ok.com
Nominating	Joel Karsetter	918-665-3974	jkarsetter@abscompanies.com
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	Robert Schatz	918-836-0271	Robert.Schatz@leeandbrowne.com
Webmaster/ECC	Matt Petersen	918-978-9543	petersenmatthewe@gmail.com
YEA	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
YEA Co-Chair	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.

ASHRAE is not responsible for this content. ©1999 - 2016, ASHRAE Chapter 069 Northeastern Oklahoma



MEETING MINUTES

By Matt Simmons

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069 Meeting Date: March 03, 2021
Meeting: March 2021 Chapter Meeting
Attendance: Total 31 attendees from Northeastern OK Compiled By: Matt Simmons

March Chapter Meeting which was a Joint meeting with Central Oklahoma and Northwest Arkansas chapters (attendance number above only indicates NEOK attendees). Meeting Held virtually via Zoom on 03/03/2021.

- Steve Uerling called meeting to order at 11:45 and gave Auction update and opening message.
Mike Beda gave Honors and awards remarks and presentation and virtually presented the 2021 Northeastern Oklahoma Chapter Hall of Fame Award to Keith Browne. Actual award to be hand delivered at a future date.
Steve Uerling gave update on meeting procedure for joint meeting presentation portion of the meeting.
Rachel Spitler introduced the speaker, Pam Duffy.
Steve Uerling adjourned breakout section of the meeting and turned it over to the joint presentation portion of meeting.
At 12pm Zoom meeting was merged with Central Arkansas and Central Oklahoma chapters for Distinguished Lecturer Presentation.
Heather Martin introduced Distinguished Lecturer Pam Duffy.
Distinguished Lecturer Pam Duffy gave presentation, "Productivity from Anywhere".
Speaker conclude presentation and opened for questions.
Heather Martin provided closing comments and adjourned meeting.

End of meeting minutes

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069 Meeting Date: March 25, 2021
Meeting: March 2021 BOG
Attendance: 16 Compiled By: Matt Simmons

Attendees: Matt Simmons, Steve Uerling, Matt Petersen, Claire Farr, Mike Beda, Jacob Koch, Rachel Spitler, Austin Barton, Brian Biggerstaff, Keith Averitt, Dan Owens, Ray Gomez, Duane Harman, Nolan Chance, Eric Mulliniks, Steven Johnson.

The NEOK March BOG Meeting (Research and Promotion Month) was held virtual via GoToMeeting. Chapter President Steve Uerling called the meeting to order at __4:36__ PM.

(Continued)



MEETING MINUTES (*continued*)

By Matt Simmons

President: Steve Uerling

- Called meeting to order
- If you have not watched the sexual harassment video please do so.
- April is student activities month.
- Still gathering applications for Tumilty scholarship.
- Discussed having "This is ASHRAE" slide show that we want to show at the beginning of next chapter meeting. Presented slide show to the board as a trial run.
- Discussed how we want to announce scholarship recipients.
- Suggestion was to send out an email.

President Elect: Claire Farr

- Newsletter articles due by April 1st. Please have all required articles submitted by then. .

CRC Delegate: Duane Harmen

- Registration for CRC does not look to be open yet but should start preparing for CRC.
- Gave update on PAOE points for different chairs.
- Have a check for Treasure need to drop off.

Treasurer: Keith Averitt

- Confirmed that funds for auction have been received.
- No other transactions recently.
- Discussion on how much to send for RP.
- Discussion on how to get audit done sooner as it has been behind schedule.

Secretary: Matt Simmons

- Last month Meeting minutes were submitted and approved.
- Confirmed number of attendees.

YEA: Brian Biggerstaff

Matthew Simmons

918.417.9953

msimmons@eda-fki-engineers.com



- Working on an event in about 6 weeks and will update when that is locked in.