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President’s Message

Welcome!

Welcome to a new year of NEOK ASHRAE! At this point I probably do not need to tell anyone that this year is going to be unlike any chapter year that has come before. We are still looking at a global pandemic, a major recession, and fitting in a presidential election to boot. It needs to be said that with whatever decisions we make for the chapter, the health and safety of our members is going to take highest priority for me, for chapter officers, and for the Board of Governors. Probably by this point you have seen the ASHRAE coronavirus resources web page and maybe heard a webinar or two on the topic as well. There are some really useful documents found here and I would encourage everyone to become familiar with this great resource.

The first thing everyone may be wondering about is the chapter meeting format. The Board of Governors has voted to make the first three meetings of the chapter year, October, November, and December, an online format. We are planning to bring in high quality online presenters and fully intend to continue providing Professional Development Hours for those of us whose license requires them. In some ways our available speaker pool quality might even go up – I can imagine many great speakers who find air travel and lodging a barrier even in a normal year. We will reserve Tulsa Country Club for meetings in January through May, but it is very possible that things will not yet be ready for indoor large group meetings by then. In that event online meetings will continue for a little while longer.

As you may have already heard, we are still planning to have our regular golf tournament with only small changes. Lunch will be before play begins, in lieu of a dinner afterwards. If you are traditionally a picnic-only attendee, we will gauge chapter interest in an outdoor get-together for lunch at LaFortune Park. Look for additional information in an upcoming email.

We will continue to look for opportunities to have social get-togethers in a safe (probably outdoors) setting with appropriate physical distancing if still required. Notice I did not say ‘social’ distancing, because I believe we all have a need for some community. It is funny when I think back,



Steve Uerling
Chapter President

UPCOMING EVENTS

- **September 17th:**
Golf Tournament (Noon Lunch) at LaFortune Park Golf Course
- **September 10th:**
BOG Meeting (4:30 p.m.) online



Tulsa, Oklahoma

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President’s Message, continued

I remember feeling “I don’t have time to stop work and drive downtown for a long lunch,” but then have a great time seeing everyone and hearing a great speaker. Now I can hardly wait for things to get back to normal and see all of you in person again. Be on the lookout for future announcements.

Thanks,

Steve Uerling



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

RESEARCH PROMOTION

By Jason Blair

We are starting this chapter year strong with our annual Golf Tournament. This is our single biggest fundraising special event in support of ASHRAE Research. Please register your team and sponsorships now by contacting Nolan Chance at NolanC@midwestmachinery.net. The registration form is included later in this edition of the newsletter.

2020 NEOK ASHRAE Golf Tournament

Thursday, September 17th, 2020

Noon lunch, 12:30 Putting Contest, 2:00 p.m. Shotgun Start

LaFortune Park Golf Course

5501 S. Yale Ave Tulsa, OK 74135



Jason Blair
918.232.7654
jblair@harrisonenergy.com



CHAPTER TECHNOLOGY TRANSFER

By Rachel Spitler

Welcome to another ASHRAE society year! We hope you are looking forward to resuming chapter meetings after last year’s meeting schedule was truncated.

For everyone’s health and safety, we are planning virtual lunch meetings through the end of the year at least. We look forward to kicking off our programs on October 7 with a planned presentation on healthcare air quality. Full details and a speaker biography will be forthcoming in next month’s newsletter.

If you have any suggestions for topic ideas or speakers, please reach out – with the calendar year being what it has been, we are still in process of scheduling technical presentations for this society year.

In the meantime, if you are looking for some specialized training, consider taking advantage of the [2020 Building Performance Analysis Conference](#) being moved online. A joint production of ASHRAE and IBPSA (International Building Performance Simulation Association), the conference’s focus is to improve decision making in the building design process through modeling and simulation. It will run September 29-October 1.



In addition, if you are looking for short courses, consider checking out ASHRAE’s online instructor-led courses (www.ashrae.org/onlinecourses). They are offering eighteen courses this fall, seven of which will be before our October chapter meeting.

Rachel Spitler
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RSpitler@cyntergy.com

GGAC

By Garen Ewbank

We made great progress in our GGAC efforts last year and look forward to this new chapter year! Last year we worked with AEE, AIA, and other stakeholders to encourage the OUBCC to adopt updated energy codes, and we partnered with the Central Oklahoma Chapter to hold our annual Day on the Hill. Please reach out if you would like to get involved this year.



Garen Ewbank
405.826.8156
gewbank@geotctest.com



STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. It's a new ASHRAE year and 2020 has been the year of HVAC. COVID-19 has shed a spotlight on HVAC and importance of proper filtration and outdoor air changes, especially for the students heading back to school this fall. Hopefully the local school administration has contacted engineers and mechanical contractors to upgrade filtration systems and check HVAC systems for correct outdoor air changes rates. This would limit the spread of the virus for students and teachers returning the classroom per ASHRAE articles.

The goal for PAOE points for the student activities is 1400. Here is the road map and goals for achieving 1400 points. Reaching out to Pam Duffy, the head of Student Activities, and stating goals is 250 points. I plan on having four students attending 2 technical programs for a total of 200 points. There will be two K-12 Stem programs plus E-Week. I will be zooming with Kerr Elementary and home school children on the importance of HVAC for 175 points. E-week will provide another 100 points. Student membership has increased from last year with the addition of Daniel Webster. Each existing member that will renew is worth 250 points. For each member attending a local chapter meeting we earn 10 points. There are 100 points available with 5 members attending each local chapter meeting. NEOK ASHRAE and OSU Okmulgee partner together to offer 2 scholarships for 150 points. Student members having intern or part time jobs is good for 75 points. The remaining points will be made through investment in Student Activities such as scholarships, dinners, meeting travel, etc.

Remember, 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 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 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 are awarded annually at the April NEOK ASHRAE chapter meeting. I will be handing out flyers promoting these scholarships

at colleges and high schools. If anyone knows any students that would be a good candidate for the scholarships, please direct them to the NEOK ASHRAE website.

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



Jacob Koch
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Jacob.Koch@LeeandBrownie.com



TREASURER REPORT

By Keith Averitt

Welcome to a new chapter year! We are in the process of handing over the financial books from last year’s officers and establishing a budget for this chapter year.

You can help expedite the Golf Tournament check in process and help us all maintain physical distancing by paying for registrations or sponsorships in advance by mailing in checks or contacting me to make a Paypal payment. The forms are included in this edition of the newsletter. Thanks!



Keith Averitt
918-624-1005
kaveritt@eei-ok.com

REFRIGERATION

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. Here are just a few examples of the Technical Committees related to refrigeration:

- 3.1 Refrigerants and Secondary Coolants
- 3.2 Refrigerant System Chemistry and Contamination
- 3.8 Refrigerant Containment
- 8.9 Residential Refrigerators and Food Freezers

SOCIAL MEDIA

By Matt Petersen

Please remember to go “Like” NEOK ASHRAE on Facebook & join our group on LinkedIn. We will be posting meeting reminders & upcoming chapter activities on both pages. As of this month, we have 93 “Likes” on our Facebook page, and we have 95 members in our LinkedIn group.



Click on one of these logos to visit our pages.



Matt Petersen
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YEA

By Brian Biggerstaff

Welcome to Zachary Seizinger in the role of YEA Co-Chair! We are working to plan activities this year to get YEA members together for socializing, networking, and learning safely during the pandemic. If you have any ideas of activities you would particularly like to see on the schedule, please get in touch! We are looking forward to another great chapter year!



Last year, one of our YEA events was a hockey night cosponsored with the local chapter of ASPE.

Brian Biggerstaff
918.624.1005
bbiggerstaff@eei-ok.com

HONORS & AWARDS

By Mike Beda

It is the start of the 2020-2021 ASHRAE year for President Steve Uerling, his executive committee and the Chapter Chairs. We are preparing another successful year of virtual chapter meetings thru December and in person meetings for January thru May at this time. We are planning the September Golf Tournament, live at La Fortune Park. Please attend if you can.

As your Honors & Awards Chairman, I will be looking for the past active member that are eligible for Chapter, Regional and Society awards. If you have served as a chapter committee chair, officer, BOG member or Society appointed or volunteer member, please give me a call to review your activities and help update your Bio.



Mike Beda
918.706.8309
mikebeda1945@yahoo.com

HISTORY

By Gene Redford

Here are some photos of the Candlewood Club where we met a few years ago, in the 1980's and 1990's. Accommodations were great and food was also excellent, including steak at every meeting. Notice the average dress of the members, lots of suit and ties back then. We also averaged approximate 70 to 80 people in attendance. According to the Tulsa World, the Candlewood Club eventually closed in February 1996. See if you recognize anyone in these photos of various chapter meetings.



Meeting attendees sharing a meal.



Meeting attendees sharing a meal.



Socializing at a meeting.



Meeting speakers.



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Chapter leaders.



Meeting program.



Gene Redford
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glredbird@yahoo.com

MEMBERSHIP PROMOTION

By Eric Mulliniks

Welcome to a new chapter year! When you renew your ASRAE membership this year, please be sure to select the Northeastern Oklahoma Chapter and pay your chapter dues. Our small annual dues that go to our local chapter help support all of our chapter programs and our contribution to ASHRAE’s research program.

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. While you are there, check your bio to make sure all the information is correct and up to date. This helps our chapter leadership tremendously.

Eric Mulliniks
918.382.6432
ericm@aaon.com



MEETING MINUTES

By Matt Simmons

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069 **Meeting Date:** July 16, 2020
Meeting: BOG to discuss the 2020-2021 chapter meeting format due to Covid 19 concerns
Attendance: **Compiled By:** Matt Simmons

Attendees: Steve Uerling, Mike Beda, Jason Blair, Austin Barton, Keith Averitt, Chad Smith, Claire Farr, Joel Karstetter, Rachel Spitler, Ray Gomez, Matt Pettersen, Matt Simmons

The NEOK July BOG Meeting was held Virtual VIA Microsoft Teams Chapter President Steve Uerling called the meeting to order at 4:35 PM.

President: Steve Uerling

- Should we do in person meetings for the 2020-2021 NEOK ASHRAE chapter meetings.
 - Consensus was no.
 - Claire Farr noted that due to the uncertainty we should plan for virtual meetings at least to start with.
- It was noted that the joint meeting with OSU is out.
- Steve Uerling motioned to do first three Chapter meetings virtually (October, November, and December) and to reserve Tulsa Country Club for January Meeting.
 - Motioned was carried with no objections.
- Question was asked what software should be used to hold virtual chapter meeting.
 - After some discussion on options, Matt Petersen was assigned to do research on various options and report back or further discussion.
- It was mentioned that online Meetings to start at 12:15, a little after noon to allow attendance to grab lunch.
- General Meeting format to be the same but meeting time could possibly be scaled back due to not needing to getting people thru lunch line.
- Plans are to still have golf tournament.
 - Not sure if events before and after will stay.
 - Need to monitor Golf Course requirements and make changed to tournament format as needed.

New Business:

- Steve Uerling:
 - Need to verify all chairs are filled.
 - August BOG meeting date to be determined later.
 - Asked for everyone to look at creative ideas to keep online meeting fun.

Meeting was adjourned at 5:15 pm.



MEETING MINUTES (continued)

By Matt Simmons

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting Date: August 13, 2020

Meeting: August 2020 BOG

Attendance: **Compiled By:** Matt Simmons & Claire Farr

Attendees: Matt Simmons, Steve Uerling, Keith Averitt, Brian Biggerstaff, Pam Dunlap, Claire Farr, Nolan Chance, Erik Mulliniks, Chad Smith, Mike Beda, Jacob Koch, Dan Owens, Ray Gomez, Steve Johnson, Rachel Spittler.

The NEOK August BOG Meeting was held virtual VIA Microsoft Teams Chapter President Steve Uerling called the meeting to order at 4:30 PM.

President: Steve Uerling

- Please meet with your RVC and complete your MBOs this month
- Chapter meeting dates will be the first Wednesday of the month
- Only exception is February auction (aka spouses' night) is the same day but evening

President Elect: Claire Farr

- Newsletter articles due August 25th
- Remember we need a brief update from every committee

Treasurer: Keith Averitt

- We need to hold a Teams meeting with Steve, Keith, Claire, and Chad to catch up the bookkeeping and get the year started strong

Secretary: Matt Simmons

- No report submitted due to IT issues

YEA: Brian Biggerstaff

- Activities limited due to pandemic, consider outdoor and physically distanced activities.
- Zach Seizinger will be YEA co-chair and will be take it over next year.

CTT Chapter Programs: Update from Steve Uerling on behalf of Rachel

- Some topics already planned
- October - Phoenix Controls on Healthcare during pandemic
- March - Pam Duffy as a DL, different topic

Membership Promotion: Update From Steve Uerling.

- Eric will handle this year then Brian Biggerstaff will take it on after that

Research Promotion: No update

Special Events: Nolan Chance

- Golf will be Thursday, September 17th at 2:00pm. Shotgun start. Two carts per group. If people are concerned about exposure, golf carts can be used for clubs and individuals can walk along side at a distance they fill safe with.
- Boxed lunch prior to the tournament, which will help us distance
- Maybe do away with awards ceremony all together, and handle via email. The ceremony attendance has been dwindling anyway.
 - No prize drawings due to no central gathering.

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MEETING MINUTES (*continued*)

By Matt Simmons

- Let's have a "lunch only" option for purchase so that people can come socialize
- Goal is to have flyer out for Tuesday
- Issues to watch for:
 - Some people send 2 checks - RP vs chapter. Encourage people to pay online, in advance.
 - Two years ago we had a ton of on-site registrations, which becomes challenging.
 - Try to get sponsorships in time to get flags and signs printed

Student Activities: Jacob Koch

- Has met with RVC
- New PAOE structure. Set goal of 1400 POAE points. Now she has to approve our points.
- Pandemic requires creative activity options

GGAC: No Update

Sustainability: No update

Publicity/Social Media: No update

Attendance: Pam Dunlap

- Who sends evites? Attendance or Electronic Communications?
- Before sending each evite: coordinate with CTTC to get meeting info, and coordinate with MP to get up to date membership contact list

Awards: Mike Beda

- Chapter Hall of Fame will only be 1 inductee this year
- Having challenge identifying candidates for Chapter Service Award, so please help identify candidates

History: No Update

Webmaster/ECC: No Update

New Business:

- Decision: reserve the country club for January through May, tentatively
- Update on CIQ: Add all BOG members. Designate 1 chair, not just cochairs.
- We get lots of points for Sustainability, so is there a YEA member, or anyone else, that will take this on?
- Remember Full Circle - get those donations of at least \$100 in
- Think about whether you would be interested in an outdoor social gathering

Meeting was adjourned at 5:27 pm.



Matthew Simmons

918.417.9953

msimmons@eda-fki-engineers.com

2020 NEOK ASHRAE Golf Tournament



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

DATE: Thursday, September 17th, 2020

Entry Fee: \$125 per player or \$500 per team
(\$150 per player or \$600 per team after 9/10/19)

Time: 12:00 pm Check in and lunch- boxed lunch is included prior to tournament
12:30 pm Putting contest close at 12:30 pm
2:00 pm Golf (shotgun start)
6:30 pm Finish of Tournament- There will be no awards ceremony after due to Covid-19 concerns, lunch is included with fee prior to tournament

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 net prizes.

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 Keith Averitt by email
KAveritt@eei-ok.com

2020 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 9/10/20 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 Keith Averitt by email

KAveritt@eei-ok.com

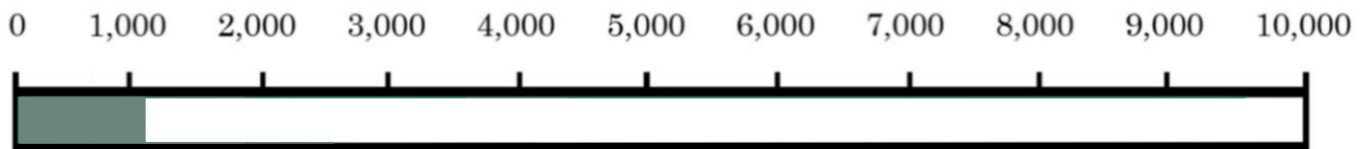


2020/2021 Calendar of Events

<u>Important Dates</u>	<u>Meeting</u>	<u>Location</u>
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)	Tulsa Country Club
January 21, 2021	Board of Governors	TBD
January 23-27, 2021	ASHRAE Winter Conference	Chicago, Illinois
February 11, 2021	Chapter Meeting (Dinner)	Tulsa Country Club
February 18, 2021	Board of Governors	TBD
March 3, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
March 11, 2021	Board of Governors	TBD
April 7, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
April 8, 2021	Board of Governors	TBD
Typically in April	CRC	Monterrey, Mexico
May 5, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
May 13, 2021	Board of Governors	TBD
June 26-30, 2021	ASHRAE Annual Conference	Phoenix, Arizona

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	Dan Owens	918-270-1414	owens.d@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	sjohnson@ocem.us.com

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
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
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	ikarsetter@abscompanies.com
Publicity / Social Media	Matt Petersen	918-282-7731	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
Webmaster/ECC	Matt Petersen	918-282-7731	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.

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