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UPCOMING EVENTS

- **November 4th:** Chapter Meeting (12:00 p.m.) [online](#)
- **November 12th:** Board of Governors Meeting (4:00 p.m.) online

President's Message

Welcome!

I hope you all enjoyed our first online meeting last month, and also hope that you got value from a very informative presentation about Healthcare Critical Environments. While the GoToMeeting platform seems to be very reliable, we are open to suggestions for improvement. Please feel free to reach out to me or any officer or Board member with suggestions or requests. Look out for an online survey that we are trying to put together. We are considering bringing back an old classic – the tech session – on a limited online basis, and want to gauge interest in that and a few other topics.

The online meeting got me thinking about the many technological changes in the HVAC business we have seen this year alone. As much as we all look forward to things getting back to normal, whenever that may be, I have to believe we will never think about design or construction meetings the same way afterwards. How many work meetings have we had to drive across town or across the state for no particularly good reason? I expect Zoom meetings are here to stay for cases when there is not a concrete reason to be on site. Construction meetings will still be on site, major plan review meetings will get all parties together, but in the future will we all really need to drive to get together in person to go over a submittals log or read off safety rules?

Then, after reading Gene Redford's excellent personal history article in last month's newsletter, I started thinking about the changes I have seen in how business is done since I started in this industry in 1994 as a young mechanical engineering graduate. At that time and for many years after the primary way to send quick sketches or paper documents was the fax machine. Full sized paper drawings were sent by courier, or FedEx or UPS for out of town. I don't think I even had an individual work email address until 1999. I can't remember the first time I was able to scan and email a file, but I am pretty sure it was after 2000. Now we laugh when someone sends a fax (most of which are just offers for sketchy loan companies anyway). I don't think we made heavy use of the 'plot to PDF' function for about another five years after that. Now most states have set rules for sealing drawings digitally. For a big job I usually sign and seal a single piece of paper, instead of sealing a stack of 50 drawings one at a time.



Steve Uerling
Chapter President



Tulsa, Oklahoma

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President’s Message, continued

Lastly, I would once again like to encourage everyone to stay engaged with our chapter. Come to outdoor get-togethers to the extent you are comfortable (future announcements on those will come from YEA). Join the online chapter meetings, make use of the chat, and turn on your camera if you want to. Let us know in the chat if you have more than one viewer at a device so we can know our actual attendance. We will get back to Tulsa Country Club as soon as possible!

Thanks,

Steve Uerling



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

RESEARCH PROMOTION

By Jason Blair

We are currently working on our Full Circle Research & Promotion campaign in which we ask our chapter officers and RP chair to each donate at least \$100 to ASHRAE RP. Full Circle is meant to show the rest of our chapter that we wouldn’t ask you to participate in fund raising if we were not going to participate ourselves as officers. The deadline for our officers to contribute as part of the Full Circle campaign is November 15th.



Thank you for your support!

Jason Blair
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REFRIGERATION

Would you like to volunteer to help lead the chapter’s activities related to refrigeration? In the past, refrigeration chairs have primarily just contributed a brief monthly update to the newsletter and planned 1-2 activities for the chapter over the course of the chapter year. If you’d like to get involved, please reach out to [Steve Uerling](#).



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CHAPTER TECHNOLOGY TRANSFER

By Rachel Spitler

We had a good start to our fall meetings with October's presentation. David Rausch with Phoenix Controls presented on "Healthcare Critical Environments: Planning and Maintaining Hospital Air for Pandemic, Isolation, and Infection Situations". Our next meeting is November 4; the speaker will be Tony Abate with AtmosAir Solutions. Tony will speak on different technologies for attaining indoor air quality standards, such as ionization, filtration, and electronic air cleaners. [Please join us via GoToMeeting!](#)

If you attended October's meeting, you should have received an email request for a presentation survey. (If you attended October's meeting and did not receive an email, please let Pamela Dunlap know – that means you were not counted in the meeting attendance.) The survey should have been self-explanatory, with the possible exception of the "Deduction for Commercialism" entry – so, a note of explanation. ASHRAE is a technical, non-commercial society and it expects all ASHRAE-sponsored activities to be free from overt commercialism. Very simply, commercialism here means the promotion of a commercial product or interest or a bias towards a specific company or proprietary product. If a presenter or presentation contains commercialism, it counts against the speaker's overall rating. Unfortunately, commercialism tends to be a gray area open to a lot of interpretation. One helpful measure to consider is to the extent a presentation seems to promote a specific product or company instead of promoting a non-proprietary strategy or technology. ASHRAE's commercialism policy can be found in full online [here](#).

The most recent big announcement from ASHRAE is that the 2021 AHR Expo has been cancelled and the 2021 Winter Conference has gone virtual, just like the 2020 Annual Conference. The 2021 Winter Conference will be held online February 9-11. ASHRAE will post more information on the [conference page](#) as it becomes available.



Finally, a reminder to check out ASHRAE's online instructor-led courses (www.ashrae.org/onlinecourses) if you are in need of some training. There are two courses offered in November, one on HVAC Controls and one on Net Zero Building design.

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STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. I am working on an event with the Girl Scouts of America, Boys Scouts of America, and Bishop Kelly Robotic Club to promote engineering and understanding of the importance of indoor air quality. Details of the meeting will be in the next newsletter.

I have emailed scholarship information to Oklahoma State-Okmulgee. I asked Matthew Davis to distribute the scholarship information to any interested students. I will not be giving a presentation this year, so all communication will be remote.

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



Jacob Koch
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ASHRAE® REGION VIII

Save the date!

Region 8 CRC is tentatively scheduled for April 22-24, 2021, in Monterrey, Mexico!



MEMBERSHIP PROMOTION

By Eric Mulliniks

Chapter membership is holding steady. Chapter reports for the month of October currently show that we have 194 members, 189 of which are non-student members. I have received several lapsed member notifications and have sent emails prompting these members to renew their memberships.

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. This helps our chapter leadership tremendously.

Eric Mulliniks
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HONORS & AWARDS

By Mike Beda

Take a couple of minutes to go online at www.ASHRAE.org and review the website. You will find out that the Winter Meeting will be a virtual, online format, on February 9-11 and the Expo has been cancelled.

There are 2 video walkthroughs about [the new ASHRAE Headquarters](#), lasting 2:49 and 16:28 minutes. These show room layouts and mechanical/electrical/architectural details of the remodeled building.

There is [Covid-19 information](#) that includes 'Frequently Asked Questions' covering health care, HVAC systems and residential systems.

Lastly, look through the Honors & Awards section and see what is going on there. You may not be eligible for an award yet, but you may know someone who would qualify. If you find someone, contact me and we can review the criteria and ask if we can put their name forward.

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ELECTRONIC COMMUNICATIONS

By Matt Petersen

We have been doing a great job updating our email lists. Thank you to everyone who is helping us get the most accurate information. This way we know our communications are going to the correct address.

This month I have started tracking our followers in Facebook and our connections in LinkedIn. If you are not following NEOK on Facebook or not connected with us on LinkedIn, you may miss out on some fun and exciting activities and events. Please use these links to follow us on [Facebook](#) or connect with us on [LinkedIn](#).



Also, our chapter meeting last month went great on GoToMeeting. We did have one member who had difficulty logging in via the web site. Just to update everyone in case this happens again, the invite has a phone number to call into with a passcode so if you cannot get through the web site it is still possible to attend via the phone. If you need assistance, please contact me and I will do my best



Matt Petersen
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TREASURER REPORT

By Keith Averitt

Thanks to all who attended the 2020 ASHRAE Golf Tournament at Lafortune Park. In spite of COVID, we had a great turnout and raised \$15,824.78 for ASHRAE Research!

We are now working on finalizing the chapter's annual budget.



Keith Averitt
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GGAC

By Garen Ewbank

Don't forget to vote this week! In addition to the presidential election, voters will be weighing in on several down ballot races and two state questions. If you need to identify your polling place or see your sample ballot, you can do so quickly by entering your name and birth date in the State of Oklahoma's [OK Voter Portal](#).



Garen Ewbank
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YEA

By Brian Biggerstaff

We wanted to thank everybody who attended our October YEA Event at Cabin Boys. It was fun getting to see both our fellow YEA members as well as all of the other attendees.

Just a reminder, YEA events require no RSVP and all ages are welcome to attend. We are currently coordinating our next event so please reach out with any ideas and keep an eye on your inboxes for an invite. If anyone would like to sponsor the event please reach out and we look forward to seeing everybody soon!

If you have any questions feel free to reach out to either Brian Biggerstaff or Zach Seizinger.



Attendees at YEA event at Cabin Boys Brewery



Brian Biggerstaff
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HISTORY

By Gene Redford

I'm sure some of you have heard of the Coleman Theater in Miami OK, but some may not so I thought I would share what I have heard over the past 10 years. While I was with McIntosh, who had the HVAC service, I had the opportunity to meet Barbara who was the Director of the facility. Barbara asked what I knew about the history of the theater and I said none, so every time I made a visit, she would share stories of the theatre.

I'm sure you have heard of the Picher mines in that area. Well the person who had the mines was a man named Coleman. This was back in the early 1920's and there was not much entertainment in this area of the state. There were lots of miners working in Picher and only a small theater in Miami at that time.

Coleman was a golfer and visited California a lot to play golf and ended up meeting Bing Crosby. Coleman was making approximate \$1M/month back then so he and Bing became good friends. Bing wanted to see what Coleman had in Picher and came out to visit several times. He wanted to know what the miners did for entertainment and found out all they had was the small theater in Miami. He offered to get some acts together and put on some shows in town. Not just Bing Crosby, but also including such names as Tom Mix. Bing told Coleman they needed a bigger place for this to happen and Coleman said okay he would build one.

Barbara said the theatre was built in 333 days and if you notice all the art deco on the inside and outside, I find it hard to believe this task could happen, even today with all the new equipment we now have.

As most of you know lots of these old theaters closed over the years. Coleman went to the city of Miami and told them he would let them have the theater if they would rebuild and start using it again. Barbara was assigned to this project and I saw signs of an existing boiler in the basement that was there from the start. It has since been replaced during the upgrading program. I did not see any sign of the old compressors that were used for air conditioning. They installed new heating hot water boilers and a new air-cooled chiller on the roof with new air handlers. She found a piece of the original carpet and had someone reproduce enough to redo the theater. Lots of volunteers came to help clean and repaint the theater. While they were removing the old floor covering in the lobby they found original tile from Italy so they left that for everybody to see.

The original organ was found in Texas and brought back to be reinstalled. The original chandelier was found in a barn outside of Miami and brought back to life, with over 100 light bulbs in the fixture. All the theatre seats were redone. The dressing rooms were not upgraded much nor was the greenroom under the stage. It still looks like the earlier years.

The existing heating supply came out of the ceiling up near the chandelier in the center of the theater. The return air was slots under the seats in several rows near the back of the theater. They went back to the basement, which is where the old air handlers

were located. I thought that was pretty cool thinking for that era.

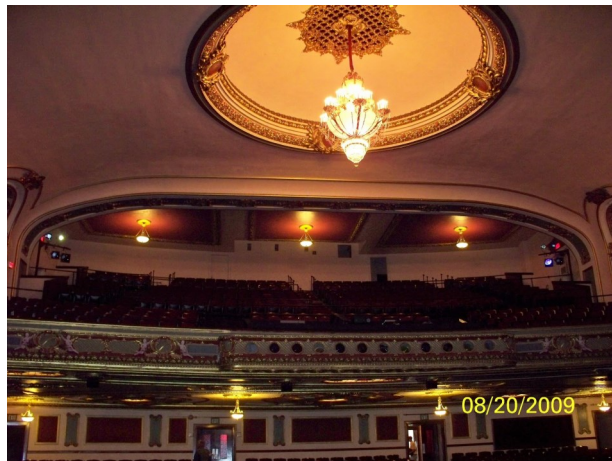
I have included several photos I took, plus you can find out more info on [their website](#). The theatre is listed by the historical society. If you get a chance, drive up and maybe you will get a tour of the facility.



The Coleman Theater



The stage and seating



The balcony



Gene Redford
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MEETING MINUTES

By Matt Simmons

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069 **Meeting Date:** October 15, 2020

Meeting: October 2020 BOG

Attendance: 14 **Compiled By:** Matt Simmons

Attendees: Matt Simmons, Steve Uerling, Keith Averitt, Brian Biggerstaff, Claire Farr, Nolan Chance, Mike Beda, Jacob Koch, Steve Johnson, Matt Petersen, Jason Blair, Rachel Spitler, Austin Barton, Dan Owens.

The NEOK September BOG Meeting was held virtual VIA Microsoft Teams Chapter President Steve Uerling called the meeting to order at 4:00 PM.

President: Steve Uerling

- This seasons first virtual Chapter meeting was held with no technical issues to speak of.
 - For next chapter meeting would like to try to have speaker on video to make it more engaging.
 - It was also mentioned that all officers and chairs if available to leave their video feed on as well to help show participation.
- Talked about bringing back tech session meetings.
 - Mike Beda thinks it's a good idea.
 - It would be a 30 min more in-depth or more specialized technical presentation.
- MBO's are needed as soon as possible from all Grass Root Committees.
- It was asked if and how we did online surveys on chapter meetings in the past.
 - Mike Beda though it was done last around 4 or 5 years ago possibly using survey monkey.
- Need budget from Treasurer when available.

President Elect: Claire Farr

- Newsletter articles due October 22nd

Treasurer: Keith Averitt

- The Golf Tournament raised \$15,824.78 this year

Secretary: Matt Simmons

- Last BOG meeting minutes where approved and issued

YEA: Brian Biggerstaff

- Reported on location preparing for first YEA event Oktoberfest event at Cabin boys.

CTT Chapter Programs: Rachel Spitler

- Still working through how to issue chapter meeting surveys and PDH certificates.
 - It was suggested the we email all attendees to the last meeting the survey to complete and return and work on getting an online survey ready for the next meeting.
 - It was noted to use BCC when emailing out things to members.
 - It was noted that Google Forms maybe an option to use for issuing survives in the future.



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MEETING MINUTES *(continued)*

By Matt Simmons

- Requested access to the Chapter's Gmail account to issue survey and PDHs.

- Matt Petersen said he would get Rachel access

- Has received list of attendees of last chapter meeting from Pam Dunlap.

Membership Promotion: Brian Biggerstaff

- On location preparing for the Oktoberfest YEA/Membership Promotion event

Research Promotion: Jason Blair

- Needs to get three more volunteers for the research committee.

- Steve Uerling and Jacob Koch volunteered to fill two spots. Jason has someone in mind for the last one.

- Full circle donations are due November 15th.

Special Events: Nolan Chance

- No updates

Student Activities: Jacob Koch

- Looking into Boys and Girls Club and a robotics team to see about setting up a presentation.

GGAC: No update

Sustainability: Looking for ideas for sustainability

Webmaster and Publicity/Social Media: Matt Petersen

- Needs information on the next speaker for the website and Pam Dunlap needs it for invitations.

- On track to be on par or better on points from the website and social media.

- Please take pictures of YEA/Promotions Oktoberfest event for the Website.

Attendance: Matt Petersen on behalf of Pam Dunlap

- Need to be able to track chapter meeting attendance when multiple users share a connection.

- It was suggested that we could ask attendees to use the chat to inform us how many attendees are present when sharing a connection.

Awards: Mike Beda

- Awards will have a short article for the newsletter.

History: No Update

New Business: No Update

Meeting was adjourned at 4:42 pm.

Matthew Simmons
918.417.9953



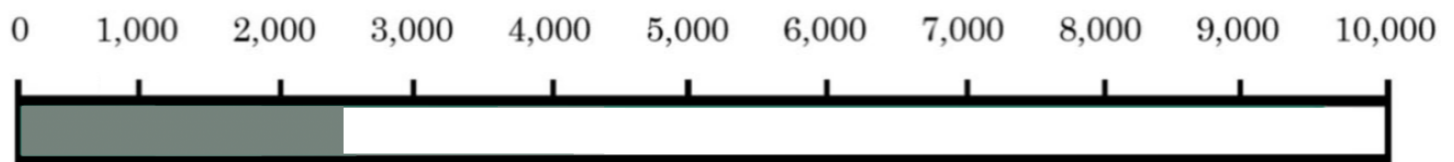


2020/2021 Calendar of Events

<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
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
March 15-17, 2021	ASHRAE Winter Conference	Chicago, Illinois
April 7, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
April 8, 2021	Board of Governors	TBD
April 22-24, 2021	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	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
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
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Newsletter	Claire Farr	918-279-6450	cfarr@es2ok.com
Nominating	Joel Karsetter	918-665-3974	ikarsetter@abscompanies.com
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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
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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).

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