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President's Message

Welcome!

Happy new year! I know the news has not started out great on multiple fronts, but I remind myself that 2020 did not start out like 2020 either. I find my self thinking a lot about the people researching vaccines, getting them in production, and the many who must do the 'boring part' of effective and prompt distribution.

I hope everyone is enjoying our online meeting format until we can safely hold meetings at Tulsa Country Club again. The January meeting is a little later in the month than usual, on Wednesday the 13th. If you can log on about 10 minutes before noon, we can get our speaker started right on time at noon. As usual Rachel Spitler lined up a great speaker, as you will see in her article this month.

Thanks to our DRC Randy Schrecengost for an informative presentation last month. Unfortunately, we will not be able to meet our friends from other chapters in person this year, as CRC has already been made virtual. It would have been interesting to see Monterrey, Mexico, often considered Mexico's most industrialized, wealthy, and modern city. Maybe another year.

Next month we will be trying out an online silent auction format. For anyone who can make a donation, we are looking for creative auction items that work well in this format. Please contact Duane Harman if you would like to contribute.

The ASHRAE Epidemic Task Force's important work on COVID-19 now includes a new [Core Recommendations](#) document, as well a [guidance](#) for opening schools safely. If you are able, you can help the Task Force financially [here](#) if you are inclined to have your donation directed specifically. Stay safe and see you all online!

Steve Uerling



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

UPCOMING EVENTS

- **January 13th:** Chapter Meeting (11:50 a.m.) [online](#)
- **January 21st:** Board of Governors Meeting (4:30 p.m.) online



RESEARCH PROMOTION

By Jason Blair

Happy New Year from your ASHRAE RP Committee! We are grateful for all donations received in the 2020 calendar year, and look forward to more of you generosity for 2021. Please mark your calendar for the ASHRAE Auction event February 10th 2021. This is always one of our biggest fund raising events, and we look forward to your participation.



Want to make a donation now? Please visit the [Society website](#) and make your donation to Research Promotion. If you have any questions, please reach out me.

Thank you for your support!

Jason Blair
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SPECIAL EVENTS

By Duane Harman

At our November BOG meeting, our chapter leaders decided to go ahead and proceed with holding our big annual Research Promotion fundraising auction in February. That said, of course the details will be a little different this year. The bidding on auction items will take place online, so you will still have the opportunity to purchase some fun stuff and support ASHRAE research! We will also hold a live online chapter meeting over lunch on Wednesday, February 10th. Please start brainstorming things to donate to the auction, and watch for upcoming details via chapter emails.

Thanks!



Duane Harman
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REFRIGERATION

Refrigeration plays a huge role in our community. From the Oiler’s ice rink to the coolers at the Community Food Bank that we previously toured, to the ice storage system at the Williams Towers, to all our favorite breweries around town, refrigeration is an important and proud part of our industry. We will continue to look for opportunities to educate our members on topics relevant to refrigeration and our broader industry. Let us know if you have ideas!



CHAPTER TECHNOLOGY TRANSFER

By Rachel Spitler

Thank you to everyone who attended our December meeting! Our speaker was Dr. Kishor Khankari, an ASHRAE Distinguished Lecturer. Dr. Khanakari presented on air change rates, specifically discussing their shortcomings in certain critical applications. Our next meeting will be January 13, and our speaker will be another ASHRAE Distinguished Lecturer! Douglas Zentz will present on “Sustainable Building Operation via Standard 189.1”. Please join us via [Go-To Meeting!](#)

Please also be looking forward to our February meeting, which will coincide with the end of our annual ASHRAE Research Auction. The auction will be virtual this year, and our February meeting will be a lunch meeting instead of an evening one.

A reminder that the 2021 Winter Conference will be held online February 9-11. ASHRAE will post more information on the [conference page](#) as it becomes available. If you are interested in what is happening in any of the many [technical committees](#) (TCs), January and February will be a great opportunity for you: all technical committee meetings will happen virtually and are open to the members. TC meetings have started and the [schedule](#) is available online. Please remember to plan ahead as you will have to request a meeting link prior to the meeting itself.



Finally, a reminder to check out ASHRAE’s [online instructor-led courses](#) if you are in need of some training. ASHRAE has their 2021 course list up – classes start January 26 and run through June 8, with 2-3 classes a month.

Rachel Spitler
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YEA

By Zach Seizinger

Moving into 2021 we are excited to plan some fun YEA events to get the community connected. Coming off of a fun Octoberfest themed event at the end of last year, we look forward to keeping the momentum rolling into the new year. Let us know if you have any requests and we look forward to seeing you soon!

Zach Seizinger
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STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. I would like to extend a welcome to Ryan Burkholder. He is student at Oklahoma State. If you see him on the GoToMeeting, say hello and make him feel welcomed.

COVID has placed a strain on my plans to talk to schools and clubs. I am working on a plan to talk to these groups about ASHRAE in a safe way.

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



Jacob Koch
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TREASURER REPORT

By Keith Averitt

We have successfully made the transition to Quicken Online, which will greatly help the year to year transition, along with sharing of financial data amongst officers.

Our new PO Box is PO Box 471772, Tulsa, OK 74147

Our current General Account balance is \$42,684.27



Keith Averitt
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MEMBERSHIP PROMOTION

By Eric Mulliniks

Chapter reports for the month of January currently show that we have 190 members, 183 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 have a new member to our local chapter. Please welcome Chad Bowman from MPW Engineering to the fold.

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, 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

We have started a new business year and the last 6 months of ASHRAE's chapter year. I do not have any applicants for Honors and Awards as of this date. I need you help!

Please take a minute to think about your past ASHRAE activities. Have you gone thru the Chapter chairs, been the chair of 2 or 3 committees, been a member of these or other committees, been a speaker/panel member at a chapter meeting and/or worked on our CRC committee? Call or email me. I will help you determine if you have the 12 points necessary for the Chapter Service Award.

My committee has been active with the selection of an inductee to the NEOK Hall of Fame. The name will be sent to the BOG for approval in January. Presentation will be at the March meeting. Please plan to attend.



Mike Beda
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GGAC

By Garen Ewbank

Thank you to everyone who has gotten involved in grassroots advocacy in 2020 and here's to a productive 2021! As a reminder, the GGAC met online on Thursday, November 12th, and reviewed and discussed the Oklahoma Uniform Building Code Commission (OUBCC) and its struggle to adopt a form of a current energy code. People from the ICC and NEMA attended and offered to help the Oklahoma chapters as they work with the OUBCC. It seems that OUBCC is moving towards adopting energy codes that unify with currently adopted building codes. If OUBCC holds to this it would be a win for all Oklahomans. Chad Smith lead the discussions and then distributed a list of arguments in favor of updating the energy codes, as published in the December 2020 chapter newsletter.



Garen Ewbank
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ELECTRONIC COMMUNICATIONS

By Matt Petersen

Now that we have 2020 behind us and a brighter outlook for 2021, we can look back and see what we all have learned. No longer are we afraid of words like Zoom, GoToMeeting, Teams, even BlueJeans! These digital meeting places have now become part of our everyday life, even for those of us who are older than the YEA members. Luckily, this year we have had only one issue during one of our chapter meetings and our team worked quickly to get it resolved! Way to go team, thanks for figuring out what happened and adjusting so that we can have a productive chapter meeting.

With our signature going out on our emails we have been able to maintain our email distribution list, adding, editing and deleting emails when requested. The system we have in place seems to be working great.

NEOK continues to track 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.



Matt Petersen
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HISTORY

By Gene Redford

From time to time we have to recycle some of our history articles, which is good as there is lots of information that bears repeating. We've all attended many seminars but we usually learn something new, right? This article was first published several years ago when Ron Spencer published it the first time when he held this position.

In the fall of 1963, three graduates of the Oklahoma University College of Engineering began a pilgrimage north to Trane country in search of a "PhD" in HVAC. The first two, Harold Kallenberger and Tom Owens in addition to being more intelligent than the third, had both grown up working with their fathers on air conditioning equipment. The third, Ron Spencer thought plenum was something coughed up from bronchitis. With their previous experience, they gained much more from the class than Spencer, who just tried to keep up.

Being Okies, none were prepared for the -25 to -30 degree winters in La Crosse, Wisconsin, and had to make substantial adjustments. Hal and Tom were single and had the time, but not the money, to examine the mile long stretch of bars on Fourth Street. Spencer had neither the time nor the money as he brought along his wife and four month old son. The Trane company training class curriculum left little time for extracurricular activities. Hal's VW had an air cooled engine and did not risk winter freeze up, but it did NOT like to start on those cold winter mornings.

The training class was housed in an old building next to the railroad tracks and some one hundred plus engineers were each assigned a drafting table and small bookcase. Milt Paulson and C. L. Ringquest conducted the class. C. L. was a large man standing over six feet four inches and weighed over two hundred seventy five pounds, and was a former lineman for the Purdue Boilermakers. His mind was as large as his body, holding over one hundred patents for the Trane company.

Forrest Shoemaker Sr. would often regale Ron with stories of how C. L. and Maurice Wilson of Carrier Corporation would travel by train to Tulsa to work with Mr. Shoemaker on a system design for a local project. In those days there were few consulting engineers and the contractor would design the projects. The three would gather in the Mayo hotel and spend days working out the details of the designs. Mr. Wilson worked on the refrigeration system and C. L. worked out the airside design.

At the end of the training period, each engineer was assigned to a sales office. Each sales engineer had requested a particular office. Hal and Tom requested Tulsa, and Spencer requested Oklahoma City. Spencer thought management must have been ex-military men as none of them were granted their requested assignments. Hal went to Oklahoma City, Tom to New Orleans and Spencer went to Dallas.

Hal returned to Tulsa and went to work for Ray Flynt Consulting Engineers, and later became a partner, which started Flynt and



HISTORY

By Gene Redford

and Kallenberger. Hal retired from F&K a few years ago. Spencer transferred to the Tulsa Trane office, working as a sales engineer until 1981, when he and partners purchased the Trane franchise from Howard Kirsch. In 1985 Trane Company purchased back the franchise and converted the Oklahoma operation into a company owned business. In 1986 Ron formed Optimum Systems and Service and became the York agent for northeast Oklahoma. He later sold his business to Airetech Corporation. Tom did not like New Orleans and returned to Tulsa and went to work for Natkin & Co., before going to work for McCune and McCune Consulting Engineers. After receiving his PE, Tom returned to Natkin, and became the District Manager, where he remained until their down-sizing. Tom took advantage of this change and purchased McIntosh Services from Pat McIntosh and has expanded that company into one of the largest mechanical contractors in Oklahoma. As many of you know the Natkin name has disappeared from our industry, as Tom bought out what was left of the Natkin business in Tulsa.

These three Okies were involved with ASHRAE throughout their careers, all becoming life members of ASHRAE. They have been very involved with our chapter over the years.

Individuals like these are why our chapter is one of the best chapters in ASHRAE.



Gene Redford
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ASHRAE® REGION VIII

Update!

Region 8 CRC will now be held online. Watch for details to be announced.



MEETING MINUTES

By Matt Simmons

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting Date: December 02, 2020

Meeting: December 2020 Chapter Meeting

Compiled By: Matt Simmons

Attendance: Total 41 attendees

November Chapter Meeting

Meeting Held virtually VIA GoToMeetings on 12/2/2020

- 12:00pm Steve Uerling called meeting to order and gave opening message.
- Randy Schrecengost Region VIII DRC with ASHRAE update and comments.
- Rachel Spitler introduced the speaker, Dr Kishor Khankari.
- Dr Kishor Khankari ASHRAE Distinguished Lecturer presentation on "Basics of Air Change Rate (ACH): Facts Vs Fiction"
- Speaker closed presentation and answered question.
- Steve Uerling provided closing comments and Adjourned meeting.

End of meeting minutes

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting Date: December 10, 2020

Meeting: December 2020 BOG

Compiled By: Matt Simmons

Attendance: 10

Attendees: Matt Simmons, Steve Uerling, Pam Dunlap, Claire Farr, Mike Beda, Jacob Koch, Steve Johnson, Matt Petersen, Rachel Spitler, Austin Barton.

The NEOK December BOG Meeting was held virtual VIA Microsoft Teams Chapter President Steve Uerling called the meeting to order at __4:35__ PM.

President: Steve Uerling

- Update and discussion on upcoming Auction.
 - Duane will be heading up this year's auction.
- Due to low attendance at this BOG meeting will issue a statement to encourage attendance at BOG meetings.
- Discussion regarding issuing a membership survey to get feed back on how we can improve the chapter.

President Elect: Claire Farr

- Newsletter articles due December 30th.
- Last month's newsletter article submissions were lacking, please submit articles in a timely manner.

Treasurer: Keith Averitt

- Budget had been submitted to Steve Uerling who will be forwarding on to BOG's



MEETING MINUTES (*continued*)

By Matt Simmons

Secretary: Matt Simmons

- Previous meeting minutes have been issued and approved.

YEA: Brian Biggerstaff

- Not present / No update

CTT Chapter Programs: Rachel Spitler

- For February meeting will have auction and presentation will be a virtual tour of AAON testing facilities.
- March Meeting was planned to be a shared DL with OKC however with all DL presentations going virtual need to verify that this DL can be shared.

Membership Promotion: Eric Mullininks & Brian Biggerstaff

- Not present / No update

Research Promotion: Jason Blair

- Not present / No update

Special Events: Nolan Chance

- Not present / No update

Student Activities: Jacob Koch

- No new activities to report as due to the pandemic and limited opportunities.

GGAC: Garen Ewbank

- Not present / No update

Sustainability: No update

Webmaster and Publicity/Social Media: Matt Petersen.

- No updates to report.

Attendance: Pam Dunlap

- Had 52 plus RSVPs and 41 actual attendees.
- An improvement in attendance from last months meeting.

Awards: Mike Beda

- Need 2 candidates to nominate for Hall of Fame award by next week from Steve Uerling.

History: No Update

New Business:

No new business

Meeting was adjourned at 5:01 pm.



Matthew Simmons

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2020/2021 Calendar of Events

Important Dates

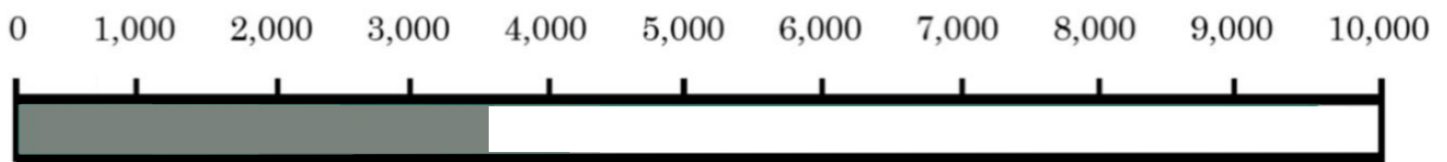
Meeting

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	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
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

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Historian	Gene L. Redford	918-346-0444	glredbird@yahoo.com
Honors & Awards	Mike Beda	918-706-8309	mikebeda1945@yahoo.com
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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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