



TABLE OF CONTENTS

- [President’s Message](#)
- [Research Promotion](#)
- [Refrigeration](#)
- [Chapter Technology Transfer](#)
- [Treasurer Report](#)
- [Student Activities](#)
- [Membership Promotion](#)
- [Honors & Awards](#)
- [Special Events](#)
- [YEA](#)
- [GGAC](#)
- [History](#)
- [Meeting Minutes](#)
- [Calendar](#)
- [Chapter Volunteers](#)

President’s Message

Welcome!

We are now heading into the holiday season, and though there are a lot of bad things in the news, I have to remind myself that I have many things to be thankful for. Hopefully if your business took a hit in the spring you have seen some improvement since then. Steady improvement has been the overall trend, even as sectors like service and hospitality have lagged far behind. The cancelation of the ASHRAE Expo for winter 2021 is a notable example.

My first item to announce is that as the cooling weather has brought a not totally unexpected surge in COVID-19 cases, our NEOK Chapter Board of Governors has decided to extend our online meeting format through the January and February meetings. We will reevaluate for March later on. We have some quality speakers coming up, and the online format has at least not hurt this. We are working on an online silent auction for February, as an in-person meeting will still not be advisable by that time. If you are contacted by the auction event volunteers, please consider creative donations of items to auction. Although we will not be able to get together as usual for the February meeting, planning is in the works to make this a fun event. More information to come next month.

I had the privilege of working on two alternate care sites for covid-19 in the spring of this year. If you are in the same boat now, you might be interested to know that ASHRAE Epidemic Task Force has just put out the [Alternate Care Site HVAC Guidebook](#). This is necessarily a fast evolving art, so kudos to our Society for getting this guide created almost from scratch. ASHRAE created this guide in partnership with the US Army Corps of Engineers, which has managed design and construction for these sites around the country.



Steve Uerling  
Chapter President

UPCOMING EVENTS

- **December 2nd:** Chapter Meeting (11:50 a.m.) [online](#)
- **December 10th:** Board of Governors Meeting (4:30 p.m.) online



## President’s Message, continued

Finally, if you are financially able, I would encourage you to remember ASHRAE Research in your end-of-year charitable contributions. Chapter ASHRAE Research has reached Full Circle yet again this year, and we had another successful golf tournament, but this year we are without our Half Pot tradition at meetings and our annual auction is going to be limited. Thank you to all who have supported ASHRAE’s important research for our industry!

Thanks,

*Steve Uerling*



**Steve Uerling**  
2020-2021 Chapter President  
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## RESEARCH PROMOTION

By Jason Blair

Happy Holidays from your ASHRAE RP Committee! Please congratulate your chapter officers for achieving Full Circle for points towards the Presidential Award of Excellence. This was a team effort from your chapter officers to all donate towards ASHRAE Research. Please follow your officers’ example and make your research donation on ASHRAE’s website.

We are thankful for any and all research donations!



**Jason Blair**  
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## REFRIGERATION

This year has certainly turned out different than we all expected! Refrigeration is an important part of ASHRAE’s subject matter, so our chapter BOG and chairs are currently thinking about whether we can figure out a potential refrigeration event that could be conducted online or in some other safe manner. Please let us know if you have any ideas.



## CHAPTER TECHNOLOGY TRANSFER

By Rachel Spitler

Our November speaker was Tony Abate with AtmosAir Solutions. Tony presented on different technologies for attaining indoor air quality standards, such as ionization, filtration, and electronic air cleaners. Our next meeting will be December 2, and our speaker will be Dr. Kishor Khankari, presenting on “Basics of Air Change Rate (ACH): Facts Vs. Fiction”. Dr. Khankari is an ASHRAE Distinguished Lecturer and has presented to the NEOK chapter a couple of times before. It should be a good meeting, so please be sure join us via [Go-To Meeting!](#)

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 committees will happen virtually and are open to the members. Keep a special eye out for the technical committee schedule, which should be released mid-December. Instructions for requesting virtual TC meeting links should follow as well.

Finally, a reminder to check out [ASHRAE's online instructor-led courses](#) if you are in need of some training. There are three courses left in the calendar year (December 3, December 8, and December 15), so sign up now if you need more PDHs this year.



**Rachel Spitler**  
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## TREASURER REPORT

By Keith Averitt

At the November BOG meeting we decided to switch to using the online version of Quickbooks. This should help smooth the transitions to each year's subsequent treasurer regardless of computer operating system, etc. This will be a great modernization of our chapter's operations!

We have also decided to move our PO box. Until the new PO box address is published, please contact me directly if you need to mail anything to the chapter.



**Keith Averitt**  
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STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. 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.

There are six candidates from the OSU-Okmulgee campus applying for the \$800 ASHRAE scholarship so far. The Tumilty scholarship has zero applicants. If anyone knows a high school student interested in engineering, let them know about the Tumilty scholarship.

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.



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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

As we wrap up 2020 and get all of our affairs for the year in order, please remember to renew your ASHRAE membership! This would be the perfect way to start 2021 with all of your membership details on track. Let me know if you run into any challenges or need assistance with your membership.

**Eric Mulliniks**  
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## HONORS & AWARDS

By Mike Beda

Christmas will be upon us shortly and the first half of the ASHRAE chapter year will be completed at the end of December. All of our chapter activities will steadily increase as we move toward the CRC in Monterrey in April of next year, if the virus has been controlled.

I encourage the current and past officers, BOG and committee chairs to review and update their bio's on ASHRAE's website and email me a copy for review. I need candidates for the Chapter Service Award.

Have an awesome Holiday Season.

**Mike Beda**  
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## SPECIAL EVENTS

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!

## YEA

By Brian Biggerstaff

YEA Flashback! Let's look back in our chapter's history to see what YEA was up to five years ago.

One of our fall YEA events in 2015 was at Xtreme Racing and Entertainment. As reported in our newsletter at the time, "there were more than 20 people who came out to show off their racing abilities. Although not everyone could be a winner, please take a look at the pictures to see those who were successful at obtaining the trophies. Kyle Bowling happened to snag first place for team one and Chad Cochran managed to out race everyone from team two."

We look forward to more YEA events in 2021!



YEA Event Winners: 1<sup>st</sup> – Chad Cochran, 2<sup>nd</sup> – Cheyenne Reynolds, 3<sup>rd</sup> – Amanda Sheehan



YEA Event Winners: 1<sup>st</sup> – Kyle Bowling, 2<sup>nd</sup> – Brian Biggerstaff, 3<sup>rd</sup> – Justyn Jeske



**Brian Biggerstaff**  
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## GGAC

By Garen Ewbank

In November, the OUBCC IECC Commission Evaluation Committee met to discuss their possible recommendation to the entire Commission for which edition year of the IECC should be reviewed by a technical committee.

Currently we have the 2006 IECC adopted while the state has already adopted the 2015 versions of the rest of the code. There is discussion about whether to adopt the 2015 or 2018 version of IECC. However, rather than treating IECC as a stand alone code, it makes for a stronger argument to adopt whatever version that matches the other adopted code sections. The International Code Council has stated they write each section of the codes to be adopted together as they cross reference each other.

A few issues of note:

- Compliance – COMcheck is industry standard code compliance software. But this program no longer supports 2006 IECC, so professional engineers cannot use it to verify compliance with the older code.
- More expensive construction costs – One argument against updating the energy code is that it increases costs. However, regarding mechanical systems, that is no longer true. Oklahoma is 1 of 4 states in the country (others being Arizona, Maine, and New Mexico) that have adopted energy codes that are 2007 version or earlier. HVAC equipment manufacturers no longer build equipment that is compliant with the older energy codes. Instead, they comply with the more current code requirements to consolidate their manufacturing. However, money spent on more efficient equipment is less effective when it is installed in buildings where the entire building is not compliant with the same level of codes.
- C-PACE – Oklahoma passed SB1000 in 2019 with bipartisan support, along with SB1592 in 2020, to provide commercial building owners with a smart funding option for energy efficiency improvements. To insure that the funds used honor the intent of the legislation, energy code requirements that match the current version of the state adopted building codes should be adopted by the state.



**Garen Ewbank**  
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HISTORY

By Gene Redford

I thought I would share some history of our chapter from 20 years ago.

Our 2000-2001 chapter president was Mike Beda, president elect/secretary was Bill Hanlon, and treasurer was Cary Pestel. Gene Redford was chapter delegate and Keith Browne was chapter alternate when the CRC was held in Houston, TX. Mary Bowers did our newsletters.

Our BOG was Joel Karstetter, Chad Smith, Ron Spencer, John Evans and Paul Roberts.

Mike Beda received the Chapter Service Award and Ron Huntley received the Regional Award of Merit. Our chapter also received the Research, History and Chapter Programs Awards.



Chapter members listen to the program



Chapter members socialize

This was the first year our chapter received a research donation qualifying for the Golden Circle, which was AAON. Later in the year our local MCAA joined with AAON to become the second local organization in the Golden Circle.

Our chapter held our meetings on the top floor of the City Plex Towers and our dues were \$25.00 per year.



Gene Redford  
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MEETING MINUTES

By Matt Simmons

Recording of Minutes

**Chapter:** Northeastern Oklahoma Chapter 069

**Meeting Date:** October 07, 2020

**Meeting:** October 2020 Chapter Meeting

**Compiled By:** Matt Simmons

**Attendance:** Total 37 attendees

October Chapter Meeting

Meeting Held virtually VIA GoToMeetings on 10/7/2020

- 12:00pm Steve Uerling called meeting to order and gave opening message.
- Nolan Chance with update on the golf tournament event turnout.
- Zach Seizinger with announcement for upcoming the YEA/membership promotion event October 15<sup>th</sup> at Cabin Boys Brewery.
- Rachel Spitler introduced the speaker, David Rausch.
- David Rausch gave presentation on "Healthcare Critical Environments: Planning and Maintaining Hospital Air for Pandemic, Isolation, and Infection Situations."
- David Rausch concluded presentation and opened up discussion for questions.
- Steve Uerling provided closing comments and closed meeting.

End of meeting minutes

Recording of Minutes

**Chapter:** Northeastern Oklahoma Chapter 069

**Meeting Date:** November 04, 2020

**Meeting:** November 2020 Chapter Meeting

**Compiled By:** Matt Simmons

**Attendance:** Total 34 attendees

November Chapter Meeting

Meeting Held virtually VIA GoToMeetings on 11/4/2020

- 12:00pm Steve Uerling called meeting to order and gave opening message.
- Rachel Spitler introduced the speaker, Tony Abate.
- Tony Abate with AtmosAir Solutions gave presentation on "Different Technologies for Attaining Indoor Air Quality Standards"
- Steve Uerling provided closing comments and adjourned meeting.

End of meeting minutes



MEETING MINUTES (*continued*)

By Matt Simmons

**Recording of Minutes**

**Chapter:** Northeastern Oklahoma Chapter 069

**Meeting Date:** November 12, 2020

**Meeting:** November 2020 BOG

**Attendance:** 11

**Compiled By:** Matt Simmons

**Attendees:** Matt Simmons, Steve Uerling, Keith Averitt, Pam Dunlap, Claire Farr, Mike Beda, Jacob Koch, Steve Johnson, Matt Petersen, Dan Owens, Rachel Spitler.

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

**President:** Steve Uerling

- Discussion on if we will continue with virtual Chapter meetings.
  - It was agreed that meeting for January and February will be virtual meetings.
- Discussion if February meeting/Auction date of the 11th is acceptable due to conflict with ASHRAE winter conference.
  - It was agreed that date did not need to change due to winter conference but date would change to February 10th to keep meetings on a Wednesday.
- Discussion if this year's auction will be silent or push date back due to Covid-19 concerns.
  - It was decided to hold auction date and to do an online auction.
- After further Auction details discussion following was determined
  - Auction to be online to start before meeting and end during February Chapter meeting, possibly starting the Monday before chapter meeting.
  - For the Chapter lunch meeting during the auction look into getting a local presenter with a shorten presentation so to have auction updates.
- Send MBOs into Steve as soon as possible.

**President Elect:** Claire Farr

- Newsletter articles due November 19th.
- There was a timelier return of articles for last months newsletter keep up the good work.

**Treasurer:** Keith Averitt

- There have been issues with quicken and uploading and accessing files and would recommend going to quicken online version, there would be an annual fee for that but files would be stored on the cloud and would resolve some of the issues.
  - There was no objection and Claire agreed on the potential benefits.
- The Chapter's P.O. Box had been cancelled by the post office and needs to be set back up. After multiple trips to that post office location the issue not been able to be resolved. Keith requested to move the P.O. Box to different location to get it sent up sooner.
  - After some discussion on the issue it was agreed to proceed on setting up P.O. Box at different location. Steps will need to be taken to update PO box number and transfer mail once it has been set up.

**Secretary:** Matt Simmons

- Previous meeting minutes have been issued and approved. No additional items to discuss.



MEETING MINUTES (*continued*)

By Matt Simmons

**YEA:** Steve Uerling on behalf of Brian Biggerstaff

- YEA is looking into planning on getting a Flying tee event setup.

**CTT Chapter Programs:** Rachel Spitler

- Sending off emails for PDH's and surveys have been going smoothly.
- Will send information for December's speaker out to Pam and Matt Petersen soon.

**Membership Promotion:** Eric Mullininks & Brian Biggerstaff

- No update.

**Research Promotion:** Jason Blair

- No update.

**Special Events:** Nolan Chance

- No Update.

**Student Activities:** Jacob Koch

- Has 6 applicants for the scholarship.

**GGAC:** Garen Ewbank via email

- They had an online GGAC meeting Thursday November 12th 2020 to review and discuss the Oklahoma Uniform Building Code Commission (OUBCC) and its struggle to adopt a form of a current energy code.

**Sustainability:** No update

**Webmaster and Publicity/Social Media:** Matt Petersen.

- Has Calendar of events on website updated.

**Attendance:** Pam Dunlap

- Had 60 plus RSVPs and 34 actual attendees.
  - Had concerns with the large difference in RSVP's and attendees and some discussion on looking into if there are any issues with the current procedure for virtual meeting that is contributing to this.

**Awards:** Mike Beda

- Will have an article for Claire for December meeting on awards.

**History:** No Update

**New Business:**

- Need something for refrigeration for the newsletter.
- Need to verify if we have a refrigeration chair.

Meeting was adjourned at 5:39 pm.

Matthew Simmons

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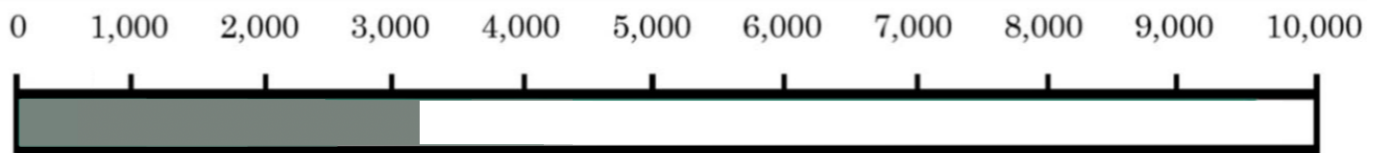


## 2020/2021 Calendar of Events

<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)	Online
January 21, 2021	Board of Governors	TBD
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	<a href="mailto:steve.uerling@leeandbrowne.com">steve.uerling@leeandbrowne.com</a>
President Elect	Claire Farr	918-279-6450	<a href="mailto:cfarr@es2ok.com">cfarr@es2ok.com</a>
Treasurer	Keith Averitt	918-624-1005	<a href="mailto:kaveritt@eei-ok.com">kaveritt@eei-ok.com</a>
Secretary	Matt Simmons	918-258-6890	<a href="mailto:msimmons@eda-fki-engineers.com">msimmons@eda-fki-engineers.com</a>

## Board of Governors

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

## Committee Chairs

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Historian	Gene L. Redford	918-346-0444	<a href="mailto:glredbird@yahoo.com">glredbird@yahoo.com</a>
Honors & Awards	Mike Beda	918-706-8309	<a href="mailto:mikebeda1945@yahoo.com">mikebeda1945@yahoo.com</a>
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Publicity / Social Media	Matt Petersen	918-978-9543	<a href="mailto:petersenmatthewe@gmail.com">petersenmatthewe@gmail.com</a>
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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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