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UPCOMING EVENTS

- **April 6th**
Chapter Meeting
11:30am to 1:30pm
Tulsa Country Club
[Virtual Link](#)
- **April 14th**
Board of Governors Meeting (4-5pm) -
Meeting Site is at Elgin Park

PRESIDENT'S MESSAGE

By Claire Farr

Can you believe it's already May? As we hold our last regular monthly meeting of this chapter year, let's reflect on what we've accomplished so far. We started off the year by selling out the registrations and sponsorships for our annual golf tournament fundraiser! Then we got our regular meetings started with an excellent presentation on energy modeling by chapter member Weixiu Kong, and we've continued throughout the year with six other great educational presentations at chapter meetings.

We've helped support the future of our industry by gathering young professional engineers for fellowship, engaging K-12 and college students interested in careers in STEM and HVAC, and coordinating with our government officials in support of ASHRAE's goals. We've been in communication with the OUBCC to encourage adoption of updated building energy codes, heard from State Senator Dave Rader at our December meeting, and met with seven other state legislators during our annual Day on the Hill event. We held a successful auction night fundraiser to financially support ASHRAE research promotion and our other projects, and this month we will award scholarships. We celebrated our chapter's rich history during our March chapter meeting, and we're still planning to hold a skeet shoot in late spring or early summer.

It's been a whirlwind, and I'd like to personally thank the chapter leaders who have volunteered their time over the last year to make this all happen. As we've highlighted before, ASHRAE is a membership organization, and without our members volunteering their time to contribute to the industry none of this would be possible. Our chapter leaders are listed at the end of every newsletter, but they deserve more prominent recognition. Thank you to everyone listed below who has helped actively made this chapter year a success as an officer, member of the Board of Governors, committee chair, or active Past President:

Keith Averitt	Pam Dunlap	Nolan Chance
Matt Simmons	Dan Owens	Ryan Dunkerson
Austin Barton	Michael Floyd	Jacob Koch
Brian Biggerstaff	Garen Ewbank	Zachary Seizinger
Chuck Mayfield	Gene Redford	Chad Smith
Ray Gomez	Matt Petersen	Duane Harman
Mike Beda	Eric Mulliniks	Robert Schatz
Steve Uerling	Jason Blair	

At this month's chapter meeting, we will induct the officers and Board of Governors for next chapter year. We've also adopted a five-year strategic plan with goals related to chapter leadership, growth, and finances to help guide our success for the future. Keith Averitt will be taking over the chapter presidency next year, and we are clearly on a path to continue our Northeastern Oklahoma Chapter of ASHRAE's vibrant success in the future. Huzzah!



Claire Farr

Claire Farr
2021-2022 Chapter President
cfarr@es2ok.com

CHAPTER TECHNOLOGY TRANSFER/PROGRAMS

By Michael Floyd

Thank you to everyone who was able to make it to our April meeting. Our speaker for last month's meeting was Rick Anderson. Mr. Anderson presented on the Fundamentals of Steam. I'd like to thank Mr. Anderson for being more than willing to present at our chapter's meeting!

Our May meeting's presentation will be by Rod Hammack. Mr. Hammack will be speaking over "Modern Kitchen Ventilation." Rod is currently the Regional Manager at CaptiveAire, and this September will mark his 25th year there. Prior to coming to CaptiveAire, he worked at Hilti and Victaulic Manufacturing as a territory manager. Rod has both a bachelor's and a master's degree from Oklahoma State University. May's ASHRAE meeting will be held on the 4th, so RSVP!

Also, if any of you require Professional Development Hours, or are just wanting to learn more about this industry, I suggest you check out ASHRAE's Online Instructor-Led Courses by clicking the link below.

<https://www.ashrae.org/professional-development/all-instructor-led-training/online-instructor-led-training>

Michael Floyd

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TREASURER REPORT

By Matt Simmons

Our chapter's current net worth as of April 14, 2022 is as follows.

BOK- General checking:	\$36,794.33
BOK-Investments-CRC-Training:	\$19,284.69
<u>Jack Tumilty Scholarship Fund:</u>	<u>\$27,53.48</u>
Total Assets:	\$83,582.50



Matt Simmons

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YEA

By Zach Seizinger

YEA Has decided on a Drillers game for our final event coming up in May! We will be sending out an invitation shortly, make sure you RSVP quickly as we have the Budweiser Terrace rented out and tickets will go quickly. This event is a great opportunity to enjoy the game yourself, as well as bring potential prospects to show them how much of a good time the HVAC industry can be!



Zach Seizinger
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RESEARCH PROMOTION

Please help us support ASHRAE research by making your donation today! Donations may be made in person, by mail, or online. For more information please contact Jason Blair at 918-232-7654.



Please visit the link below to make a contribution.

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

Jason Blair
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REFRIGERATION

By Eric Mulliniks

Did you know that ASHRAE provides a variety of training opportunities in the area of refrigeration? Here are some highlights of what's currently available on ASHRAE's Refrigeration page:

Instructor-Led: [New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs](#)

eLearning: [eLearning Courses on Refrigerants](#)

Self-Directed Course: [Fundamentals of Refrigeration \(I-P\)](#)

Instructor-Led: [Variable Refrigerant Flow System Design & Application](#)

Eric Mulliniks
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MEMBERSHIP PROMOTION

By Brian Biggerstaff

As we approach the end of the year, I am glad to announce that in the last 10 Months we have welcomed 27 new members. Thank you to all of our fellow members for helping make this possible.

2021-2022 NEOK ASHRAE NEW MEMBERS

Austin Schroeder	Clayton Collins	Mitchell Brigden	Terral Altom
Scott Loyd	Nicholas Tate	Joe Cooper	Kasey Worthington
John Galbraith	Jake Parker	Legen Belcher	Mike Kirk
Jason Blair	Keaton Lockhart	Ryan Merritt	Chad Marazas
Michael Marshall	Sam Nelson	Mark Watowich	Steven Trimble
Ryan Rehm	Samuel O'Neal PE	Anthony Terry, PE	Tyson Cogburn
Rickey Carmons	Joseph Denton	Stephen Halcomb	

If anyone you know is interested in joining ASHRAE, you can share the below link with them, or send them a personalized message using Connect-A-Colleague. We've kept it simple: Enter your name and email, your colleague's name and email, and press send. That's it! This pre-written invitation will be sent on your behalf, and includes options to reference an ASHRAE technical committee section, and to add a custom message.

http://web.ashrae.org/connect_a_colleague/

If you prefer to simply share a link with a friend they can join ASHRAE using the below:
<https://join.ashrae.org/>



Brian Biggerstaff
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STUDENT ACTIVITIES

By Jacob Koch

We are excited to announce and recognize the winners of our scholarships the NEOK chapter awards each year. We will be recognizing the winner of our NEOK Chapter Scholarship that is given to college students pursuing a mechanical engineering degree or HVAC Technologies degree from an Oklahoma institution. Additionally, we will be recognizing the winner of our Jack Tumilty Scholarship, which is awarded to a graduating Green Country high school senior who is pursuing a degree in Mechanical Engineering and best emulates the high character and qualities that Mr. Tumilty exhibited when he served our industry all those many years.



Jacob Koch
 918.836.0271

ELECTRONIC COMMUNICATIONS

By Matt Petersen

By the time you read this issue of our newsletter the CRC will be in the books. I am sure good times were had by all that attended in person. I know the past few years have been tough and we are still not out of it, but we all know it is better to meet in person than it is virtually. I wish all this can get behind us and the following years the CRC will be well attended in person.

Our May meeting is again being hosted by the Tulsa Country Club and virtual for those that cannot attend in person. The link for the virtual meeting is below and posted on the NEOK web site on the Schedule of Events page. The next chapter meeting is May 4th at 11:30 am CDT, where Rod Hammack will be discussing Modern Kitchen Ventilation. The link to join is: <https://global.gotomeeting.com/join/856281357> or by phone at (571) 317-3122 with Access Code: 856-281-357.

The NEOK Schedule of Events is waiting for events that you would like posted on our NEOK web site, please forward them to neok.ashrae@gmail.com and I will see if I can get them included.

If you follow us on [Facebook](#) you should be seeing more posts this year. Please connect with us on [LinkedIn](#). As always, chapter information is offered on these two social media sites and our chapter website, www.ashrae-neok.org.



Click on one of these logos to visit our pages.



Matt Petersen

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HONORS & AWARDS

By Mike Beda

The 2022 Region VIII CRC in Houston was both in person and virtual this year. I hope you took time to attend. I visited virtually for the Saturday Honor & Awards session and made presentations for the Regional Hall of Fame Awards. I also made presentations for the Best Newsletter and Best Presidents Message for 2022.

Steve Uerling and Claire Farr, our chapter Delegate and Alternate, gave the chapter report for this year and promoted our two nominees for the Chapter Service Award. Society will review the qualifications of both individuals and the awards will at next year's CRC, if all the information is correct.

At the Saturday Awards Ceremony, Steve Uerling received the Chapter Service Award for his many years of service as Chair of 3 Grass Roots Committees, chapter officers, Delegate and Alternate to the CRC and Chapter Board of Governors. Congratulations Steve!



Mike Beda

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HISTORY

By Gene Redford

Jack Tumilty, P. E. Scholarship will be awarded this month, so here is some background on Jack from a few years ago. Jack was a life member and an avid supporter of ASHRAE and the 11th chapter president of Northeastern Oklahoma Chapter.

Jack was a consulting engineer in Tulsa, Oklahoma and the owner of the firm Tumilty & Associates, Consulting Engineers. Jack was born March 11, 1926 in Albuquerque, New Mexico and grew up in Oklahoma City, Oklahoma. After graduating from Classen High School in 1943 he entered the University of Oklahoma and in 1944 he volunteered for service in the US Army Air Corps as a candidate for Navigator. At the end of World War II he returned to Oklahoma University and graduated in 1948 with a Bachelor of Science degree in Mechanical Engineering. While at OU Jack was elected to Pi Tau Sigma, Honorary Mechanical Engineering Society.

Upon Graduation Jack went to work as a design engineer for the American Air Conditioning Company in Oklahoma City. He left AAC in 1949 and went to work for a short time for Pfeifer Plumbing Company in Little Rock, Arkansas. He then went to work for L.S. Houston, Consulting Engineers also in Little Rock and designed HVAC (Heating, Ventilating and Air Conditioning) systems for new and renovated movie theaters in Arkansas, Tennessee and Mississippi. In 1951 Jack moved back to OKC and went to work for Bill Collins at Collins Engineering and Associates. There he designed HVAC and plumbing systems for a variety of buildings. In 1952 Jack was moved to Tulsa to continue his design career. In 1956 Jack was appointed Director of the Tulsa office with full responsibility for all mechanical systems designs and client contact. In 1960 he was elected Corporate Vice President in charge of the Tulsa office.

Jack resigned from Collins Engineering Associates in 1974 and established his own firm, Tumilty & Associates, Consulting Engineers. In 1980 he temporarily closed his own firm and joined an Architectural/Engineering firm, The Benham Group, where he was the Vice President and Director of Mechanical Engineering for the offices west of the Mississippi River. He left the Benham Group in 1988 and worked for a short time for Consulting Engineers, Inc. before reestablished his own firm in 1990. From that time to the present Jack has consulted on many types of projects for clients such as Conoco, Inc. Ponca City, OK, Oxy, Inc. and Dames & Moore/URS, Inc. where he oversaw the design of HVAC systems and negotiated a \$900,000 contract, with the University of Oklahoma, to complete a study on the natural gas system at the Norman Campus.

Jack joined the American Society of Heating and Ventilating Engineers (ASHVE) in January, 1949. In December of the same year Bill Collins joined. Jack takes pride in knowing he joined before Bill. He has served the Northeastern Oklahoma Chapter and the Society in numerous capacities. He served the Chapter in all elected offices and was President of the Chapter in 1959-1960. He served as Delegate and Alternate Delegate to the Chapters Regional Conference (CRC). While he was Secretary of the Chapter he established the Chapter newsletter, The Oil Capitol Air. He chaired four CRC's held in Tulsa and served as Regional Historian until 2007.

At the Society level he has served as a member of several Committees and as a spokesperson for the ASHRAE Standard 90-75. He has been a member of the Standards Committee, the Program Committee and the Education Committee. In 1974 he was asked by Society to chair the Standards Project Committee, which was formed to write an ASHRAE standard on "Energy Conservation in New Building Design". The project committee had over 125 members and produced a standard, ASHRAE 90-75, in 16 months which was approved at the Seattle Annual Meeting in June 1975. He remained as chair of the project committee until 1982.

HISTORY (cont'd)

By Gene Redford

The Standard 90 Project Committee also developed a training program with slides concerning the Standard, its requirements and how to use it in designing new building to achieve energy efficiency. Jack participated in seminars throughout the United States, Canada, Australia and Singapore. In addition to writing Standard 90-75 the project committee produced draft documents for 100 Series Standards, "Energy Conservation in Existing Buildings".

ASHRAE has awarded him the Distinguished Fifty Year Member Award, the Distinguished Service Award and the Society Award of Merit. He was also elected a Fellow in 1983. He has received the Regional Award of Merit and is a Life Member of the Society. At the upcoming CRC in Shreveport he will receive the Chapter Service Award.

In other areas of his professional life he has been recognized with a Citation for Engineering Excellence in the Construction Industry by Engineering News Record. He is listed in Who's Who in the South and Southwest and Who's Who in Oklahoma. He was selected Engineer of the Year by the Oklahoma Society of Professional Engineers – Tulsa Chapter. He is a Life Member of the American Society of Mechanical Engineers, a Life Member of the National Society of Professional Engineers and the Oklahoma Society of Professional Engineers, and is a member of the American Consulting Engineers Council and the Consulting Engineer Council of Oklahoma. He is a Past President of the Consulting Engineers Council of Oklahoma. He has served on Advisory Boards for fifteen plus years at Oklahoma State University in Stillwater and OSU Okmulgee. At Stillwater he served on the Curriculum for Design and Construction and at Okmulgee on the Curriculum for the HVAC program. His states of registration as a Professional Engineer are Oklahoma, Kansas, Texas, Arkansas and Nevada.

Jack and his wife Genie were married in 1953 and have five grown children and 14 Grandchildren which has to be one of Jacks greatest joys and accomplishments. I asked Jack if he ever planned to retire and he said as long as people keep paying him for his work he will continue practicing Consulting Engineering. He and Genie are regular attendees of Kirk of the Hills United Presbyterian Church. There he has served as Elder, Chairman of the Board of Trustees, Christian Education Committee and the Nominating Committees. He was a member of the Long Range Planning Committee and chaired and served on the Building Committee starting in 1963. He chaired and served on the City of Tulsa Plumbing and Appeals Board, was on the Oklahoma Air Quality Technical Advisory Committee of the Air Pollution Council for the State Department of Health from 1974 to 1976. He served on the Oklahoma Energy Advisory Council for the State Energy Department starting in 1975. Served on the Oklahoma Ad Hoc Committee for Energy Legislation from 1977 – 78 and served on the Tulsa Junior College, now TCC on the Air Conditioning and Heating Technology Advisory Committee from 1982 to 86.

The Northeastern Oklahoma Chapter of ASHRAE owes Jack Tumilty a great debt. His service to our Chapter and the Society is unequalled. If you ever needed a good role model, Jack was your man. I was fortunate to have work 11 years with Jack, when I started in this business, so I had some very good training and made a close friend to boot. We have a lot to thank Jack for, as well as for all he has done for our Chapter and ASHRAE. Those who knew him personally are honored to have known him.





MEETING MINUTES

By Austin Barton

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting Date: April 14, 2022

Meeting: March 2022 BOG

Attendance: 11

Compiled By: Austin Barton

Attendees: Claire Farr, Keith Averitt, Steve Uerling, Jacob Koch, Matt Simmons, Matt Peterson, Mike Beda, Pam Dunlap, Brian Biggerstaff, Zach Seizinger, Austin Barton.

The NEOK March BOG Meeting was held at Elgin Park, 325 E Reconciliation Way, Tulsa, OK 74120. President Claire Farr called the meeting to order at 4:07 PM.

Thank to EEI for sponsoring for food and drinks

President: Claire Farr.

Status of Nomination Committee. Our main committee is meeting this Friday. Secretary is the open position for nomination. We are also needing voting BOG nominating members.

PAOE up to date, please submit updated MBO's to Claire. We need to update specifically, Government Affairs and Chapter Operations, Membership Promotion and Student Activities. Send Claire and Email with all updates.

CRC: Open Motions for any suggestions for any attending members. If anything comes to mind, with have a few days. Any nominations RVC for Government Affairs discussion. DRC is a need as-well. Anyone who would like to find a regional position? Also, many society committees position open. Discussion of members we could reach out to for these roles.

April Chapter meeting review of the invocations. Communication to chapter members with clarifications of ASHRAE's positions. Review of policy discussion.

How do we handle future speaking and guidelines? Discussion on the exclusion of any political issues or anything that would go against ASHRAE's position.

Vice President: Keith Averitt.

Newsletter Deadline May the 4th. Need news articles by April 27th for deliverables on the newsletter. Please have all news articles submitted by this deadline for publication.

Future Chairs, Chad Marazas RP, Jess Peters for Student Activities, Richard Shoemaker Attendances. Electronic Communication have a couple of ideas for volunteers will contact the individuals.

MEETING MINUTES

By Austin Barton

Treasurer: Matt Simmons.

Do we have all outstanding receivables? We need to go through these and verify that we have accounted for all. Verification of all receivables now taking place. Update to follow.

Notice, Booster Tickets do not roll over from one year to the next.

Discussion on the software and tagging the financial receivables on the forms for tracking and accounting purposes.

Secretary: Austin Barton.

Chapter meeting minutes for March have been issued and approved.

Chapter meeting minutes for April emailed out today and in confirmation process.

Attendance / Reception: Pam Dunlap

For the last Chapter meeting there were 52 attendees in the room, 4 online they were all members, 2 student 3 ASPE members and 5 Guest. 44 were members.

CRC Delegate / PAOE: Steve Uerling

RP par level donations to be reached by CRC, but PAOE points are entered by Society.

CRC can be attended in person or online or also the option of a Hybrid process.

CTT Chapter Programs: Michael Floyd.

Rod Hammack will be presenting on Kitchens.

Electronic Communications and Publicity: Matt Petersen.

Double par on PAOE points. Looking great for the year.

GGAC: Keith Averitt reporting for Garen Ewbank

Keith Averitt reporting.

The Day on the Hill went well and good discussion with legislatures.

Discussed upcoming bills and ASHRAE as an available resource for legislatures.

Historian: Gene Redford

Gene will be submitting newsletter article.

Honors & Awards: Mike Beda.

Service awards, we will have 2 people with Steve Uerling will get a chapter service award.



MEETING MINUTES

By Austin Barton

Membership Promotion: Brain Biggerstaff.

We are at par now with PAOE points for this year. We are looking at bringing back the skeet shoot for this year. Followed by skeet shoot discussion.

Refrigeration: Eric Mullinks.

No update.

Research Promotion: Jason Blair.

No update.

Special Events: Nolan Chance (Main) Duane Harmon, Ryan Dunkerson.

No Update.

Student Activities: Jacob Koch.

We have interviews and are receiving points for applicants. Will be having one more event for promotion of applicants.

Sustainability: TBD, Claire Farr reporting.

Email going out for anyone who wants to get involved in ASHRAE for this roll.

YEA: Zach Seizinger.

One more event coming up soon. Probably the Drillers games will have decision soon. .

General Budget Review: All Parties.

No new Business

New Items / Other Business: BOG Attendees.

N/A.

Meeting was adjourned at 5:08 pm.

2021/2022 Calendar of Events

Important Dates

Meeting

Location

September 8, 2021	Golf Tournament	LaFortune Golf Course
September 16, 2021	Board of Governors	Elgin Park
October 6, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
October 14, 2021	Board of Governors	Elgin Park
November 3, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
November 11, 2021	Board of Governors	Elgin Park
December 1, 2021	Chapter Meeting (Lunch)	Tulsa Country Club
December 9, 2021	Board of Governors	Elgin Park
January 12, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
January 20, 2022	Board of Governors	Elgin Park
January 29– Feb. 2, 2022	ASHRAE Winter Conference	Las Vegas, NV
February 9, 2022	Chapter Meeting/ Auction (Dinner)	Tulsa Country Club
February 17, 2022	Board of Governors	Elgin Park
March 2, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
March 10, 2022	Board of Governors	Elgin Park
April 6, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
April 14, 2022	Board of Governors	Elgin Park
April 27–May 1, 2022	CRC	Houston, TX
May 4, 2022	Chapter Meeting (Lunch)	Tulsa Country Club
May 12, 2022	Board of Governors	Elgin Park
June 9, 2022	Board of Governors	Elgin Park
June 25-29, 2022	ASHRAE Annual Conference	Toronto, ON, Canada

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

2021/2022 NEOK PAOE Points

0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000





2021/2022 Chapter Volunteers

Officers

President	Claire Farr	918-279-6450	cfarr@es2ok.com
President Elect	Keith Averitt	918-624-1005	kaveritt@eei-ok.com
Treasurer	Matt Simmons	918-258-6890	msimmons@eda-fki-engineers.com
Secretary	Austin Barton	918-359-9107	barton.a@mcintoshok.com

Board of Governors

BOG	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
BOG	Chuck Mayfield	918-624-1005	cmayfield@eei-ok.com
BOG	Ray Gomez	918-584-0102	gomez@phillipsgomez.com
BOG	Mike Beda	918-706-8309	mikebeda1945@yahoo.com

Committee Chairs

CRC Delegate	Steve Uerling	918-836-0271	steve.uerling@leeandbrowne.com
CRC Alternate	Claire Farr	918-279-6450	cfarr@es2ok.com
Attendance/Reception	Pam Dunlap	918-587-4747	pbdunlap@matrixae.com
Audit	Dan Owens	918-359-9110	owens.d@mcintoshok.com
CTT/Programs	Michael Floyd	918-836-0271	michael.floyd@leeandbrowne.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
Membership Promotion	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
Newsletter	Keith Averitt	918-624-1005	kaveritt@eei-ok.com
Nominating	TBD		
Publicity / Social Media	Matt Petersen	918-978-9543	petersenmatthewe@gmail.com
Refrigeration	Eric Mulliniks	918-382-6432	ericm@aaon.com
Research Promotion	Jason Blair	918-232-7654	jblair@harrisonenergy.com
Special Events Co-Chair	Nolan Chance	918-877-6000	nolanc@midwestmachinery.net
Special Events Co-Chair	Ryan Dunkerson	918-430-6793	rdunkerson@es2ok.com
Student Activities	Jacob Koch		
Sustainability	ELGIN PARK		
Webmaster/ECC	Matt Petersen	918-978-9543	petersenmatthewe@gmail.com
YEA	Zachary Seizinger	918-998-0007	zseizinger@eei-ok.com