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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

Thank you to everyone who attended our March meeting, as we highlighted our chapter's history and heard chapter member Garen Ewbanks's presentation on ground source heat exchangers. And in particular thank you to chapter President-Elect Keith Averitt for leading the chapter meeting while I was on maternity leave. This month, I hope everyone can join us for an extra special chapter meeting as we hold a joint meeting with the local ASPE (American Society of Plumbing Engineers) chapter and hear about "Steam Fundamentals" from expert Rick Anderson.

Before we get to Rick's presentation, we will briefly highlight our Student Activities committee. The most exciting part of those highlights will be announcing the winner of a scholarship that our chapter is awarding this month. We will be awarding the Jack E. Tumilty Scholarship to a graduating high school senior and promoting the NEOK ASHRAE College Scholarship available to two local college students. I am very proud of the many scholarships our chapter has awarded over the years and how those funds have supported the development and success of additional young professionals in our industry. My interest in the future careers of young people may be influenced by the fact that my son was born last month, but I think this is a particularly exciting example of how our chapter gives back to the community and ensures the successful future of our local industry.

We are also currently planning for the future success of our local chapter. We are identifying which chapter members might be interested in leading a committee, or becoming a chapter officer for our next chapter year. We are also making plans for current and future chapter leaders to participate in the annual regional ASHRAE gathering, CRC, at the end of April. So, if you would like to personally get more involved and contribute to the future of our chapter and the local industry, please reach out to me or our chapter's President-Elect, Keith Averitt.



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 attend our March meeting! Our speaker for last month's meeting was Garen Ewbank. Mr. Ewbank presented on the stages of development for geothermal heat pumps. I'd like to thank Mr. Ewbank for being more than willing to present at our chapter's meeting.

Our April meeting's presentation will be by Richard Anderson. Mr. Anderson will be speaking over the fundamentals of steam. Richard has 25 years of experience working on sizing, running selections, creating specifications for industrial steam systems and products, heat transfer equipment, condensate removal devices, pressure reduction, condensate pumps, and boiler trim pumps. He's also a member of the Fluid Controls Institute: an ANSI accredited standards developer for steam traps, pipeline strainers, control valves, solenoid valves, regulators, secondary pressure drainers, and sanitary equipment. April's ASHRAE meeting will be held on the 6th, so RSVP!

Looking ahead, our May meeting (and final one to wrap of this ASHRAE year) will be on May 4th. The speaker for that month will be Rod Hammack. Rod will be speaking on "Modern Kitchen Ventilation Engineering and Design." 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 March 25, 2022 is as follows.

BOK- General checking:	\$36,018.53
BOK-Investments-CRC-Training:	\$19,284.69
<u>Jack Tumilty Scholarship Fund:</u>	<u>\$27,502.55</u>
Total Assets:	\$82,805.77



Matt Simmons
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YEA

By Zach Seizinger

YEA appreciates all the suggestions for the next event. If there are any late ideas, feel free to shoot them my way and I will let everybody know shortly what we plan on doing to get everybody together! We'd love to get in at least one more event before the end of the ASHRAE season, especially with the amazing weather we are having!



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

Please contact me directly if you have anyone you know that is interested in becoming a member. One of my goals for this year is to increase membership, especially amongst the under 30 crowd. You can reach me directly at my email or phone number below, and I'd be more than happy to get in touch with a prospective member and highlight the benefits of ASHRAE, as it has significantly impacted my life! I'd be more than happy to share my experiences with those people who aren't yet members. Thanks so much in advance for the leads! I really do love ASHRAE!



Brian Biggerstaff
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STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. A reminder, there are three scholarships still available through NEOK ASHRAE. NEOK college student scholarships shall be given to two Tulsa area college students each year. Both students will be selected from applications received from either the University of Tulsa, Oklahoma State University-Tulsa, or Oklahoma State University-Okmulgee. The scholarship amounts shall be \$800 each for two recipients. We are currently reviewing applicants and will be handing out this award next month. Also there is a \$1000 scholarship in the name of Tulsa engineer Jack E. Tumilty (Jack E. Tumilty Scholarship) 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 shall be awarded yearly at the April NEOK ASHRAE chapter meeting. I will be handing out fillers promoting these scholarships at colleges and high school. If anyone knows any students that would be a good candidate for the scholarships, then direct them to the NEOK ASHRAE website.

- Jack E Tumilty was born in 1926 and was with us until 2009.
- He was proud to serve in the Army Air Corps in World War II. After the war he graduated from Oklahoma University as a mechanical engineer.
- Jack's life was devoted to his family, church, career, and ASHRAE. Jack had a distinguished career as an engineer in Tulsa, receiving regional and national awards and recognition. We honor him annually by awarding this scholarship.



Jacob Koch
918.836.0271

ELECTRONIC COMMUNICATIONS

By Matt Petersen

We are in the month of the CRC, one of the few spring meetings in Region VIII, with the Houston chapter hosting the event. As usual I am sure our chapter will represent with good attendance as we have in the past. Be aware that the chair workshops will be held virtually sometime later in the spring.

Our April meeting will both be at 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 April 6th at 11:30 am CDT, where Rick Anderson will be discussing Steam Fundamentals. 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.



Click on one of these logos to visit our pages.



Matt Petersen
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HONORS & AWARDS

By Mike Beda

The Houston CRC will be from 4-28 thru 4-30. Plan to attend if you can.

I have submitted 2 nominations for the Chapter Service Award to the Regional Nominating Committee. After approval by the Regional Delegates, they will be forwarded to Society for final review. If approved, the awards will be presented at the 2023 CRC next year.

Mike Beda
918.706.8309

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HONORS & AWARDS cont'd

By Mike Beda

Our March Chapter meeting included the induction of one new member into the NEOK Chapter 'Hall of Fame'. He is:

Tom Owens, 23rd chapter president, during the 1971-72 ASHRAE year.

Tom graduated in A & S Mechanical Engineering from the University of Oklahoma in 1963, and is a registered professional engineer in the state of Oklahoma. He joined The Trane Company and went to school in La Crosse, WI and then move to New Orleans as a sales engineer. While working at Trane he did graduate studies in Business Management from Southern Methodist University -Dallas and graduate level training at the Trane Company. In 1968 he came back to Tulsa and went to work for McCune, McCune & Associates as chief mechanical engineer. In 1972 he took his talents to Natkin & Company –Tulsa, where he worked for 19 years from project engineer up to VP and Tulsa District Manager. In 1992 he went to Natkin Service Company and a year later to McIntosh Service Inc as Chief Executive Officer. He then established McIntosh Corporation and serves as Chairman of the Board. Tom has served in our Industry as state president of OSPE, local president of MCAA and SMACNA throughout his business career. Tom has serviced the NEOK ASHRAE Chapter as officer and President. His committee activities covers Membership Promotion, Research Promotion and Program speaker. He and his company have monetarily contributed to ASHRAE research for over 50 years and has encouraged other organizations like MCAA and SMACNA to make yearly donations to the ASHRAE Research program. He and his company have sponsored 2 Chapter Presidents and have 1 employee currently serving as Secretary of our Chapter. He actively sponsors and encourages employees to attend ASHRAE Chapter meetings and become active in Committee work. Tom is also a life member of ASHRAE.



Mike Beda
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mikebeda1945@yahoo.com

HISTORY

By Gene Redford

Our Chapter's 72nd past president was Steve Uerling.

Steve Uerling joined ASHRAE in 1996. Steve was born in Fort Smith AR. and attended the University of Tulsa graduating with a Bachelor of Science in Mechanical Engineering in 1994.

Steve worked for Flynt and Kallenberger from 1994 to 1999. After leaving F& K Steve joined the firm of Lee & Browne Engineering in 1999. When David Lee and Keith Browne decided to retire Steve and three other Engineers teamed together and bought the firm from David and Keith.

Steve became our chapter's 72nd president in 2020/21 and experienced the Covid-19 issues around the country. This affected many of our chapter's meetings and made things more difficult to make our goals.

Steve and his wife Alicia have three children, Josie, Eric and Kate.

I realize it is just a number, but our chapter is now in the 73rd year of operations. We have come a long way from the start of our chapter in 1949. Lots of things have come and gone but we have accomplished a lot through the years.

If you want to share any stories please send them to me.



Gene Redford
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MEETING MINUTES

By Austin Barton

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting Date: March 10, 2022

Meeting: March 2022 BOG

Attendance: 6

Compiled By: Austin Barton

Attendees: Keith Averitt, Steve Uerling, Mike Beda, Pam Dunlap, Brian Biggerstaff, 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.

Keith Averitt reporting.

Keith called meeting to order.

Inquired if anyone had been in contact with their RVC and noted importance.

Discussion on CRC attendance.

Asked for volunteers as the nomination committee will need 5 people next month.

Electronic Communications will have a vacancy.

PAOE points, please have all updated by the end of March.

Multi-year membership signup.

Vice President: Keith Averitt.

Newsletter Deadline, send out reminder.

March 31st deadline and meeting is April 6th.



MEETING MINUTES

By Austin Barton

Treasurer: Matt Simmons.

Keith Averitt reporting.

Matt Simmons reviewed the financial Report.

Secretary: Austin Barton.

Chapter meeting minutes approved for February.

Chapter meeting minutes for March emailed out today and confirmed.

Attendance / Reception: Pam Dunlap

51 attendees in the room, 4 online and of those 55, 44 were members.

CRC Delegate / PAOE: Steve Uerling

PAOE updated.

CRC in person online or Hybrid.

RP to be completed by CRC.

CTT Chapter Programs: Michael Floyd.

Keith Averitt reporting.

Currently at 1060 points

Net meeting is joint with ASPE.

Electronic Communications and Publicity: Matt Petersen.

Keith Averitt reporting.

Will need to fill the spot next 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 a available resource for legislatures.



MEETING MINUTES

By Austin Barton

Historian: Gene Redford

Keith Averitt reporting.

Gene will be submitting newsletter article.

Honors & Awards: Mike Beda.

Hall of Fame is complete and will issue award.

Currently have 2 submission for chapter service awards.

Membership Promotion: Brain Biggerstaff.

On communication with RVC.

YEA event coming up and will be joint.

Need membership extended for 3 years if possible.

Status on PAOE points currently at 600.

Refrigeration: Eric Mullinks.

Keith Averitt reporting.

No update.

Research Promotion: Jason Blair.

Keith Reporting:

No update.

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

Keith Averitt reporting.

No Update.

Student Activities: Jacob Koch.

Keith Averitt reporting.

PAOE points are good.

Looking at happy hour coming up soon

MEETING MINUTES

By Austin Barton

Sustainability: TBD, Keith Averitt reporting.

Email going out for anyone who wants to get involved.

YEA: Zach Seizinger.

Brian Biggerstaff reporting.

PAOE points are good

Looking at happy hour coming up soon

General Budget Review: All Parties.

No new Business

New Items / Other Business: BOG Attendees.

Pam Dunlap: ASPE ASHRAE joint product show at new Oklahoma City convention center. Will need volunteers from Tulsa to attend event. October 12th 2022.

Discussion on ASPE membership joining ASHRAE as-well.

Meeting was adjourned at 4:39 pm.



Austin Barton

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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