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## UPCOMING EVENTS

- **January 12th**  
Chapter Meeting  
11:30am to 1:30pm  
Tulsa Country Club  
[Virtual Link](#)
- **January 20th**  
Board of Governors  
Meeting (4-5pm) -  
Meeting Site is at  
Elgin Park

## PRESIDENT'S MESSAGE

By Claire Farr

Thank you to everyone who participated in our meeting last month as we heard from Distinguished Lecturer David Schurk on HVAC's role in environmental air quality. This month will be a little different. We are looking forward to our annual fundraising auction night! Our annual auction is a dinner meeting at the Tulsa Country Club. Instead of a technical presentation, this will be a fun social night with a live auction fundraiser.

You may wonder, why does our ASHRAE chapter hold annual fundraisers like our auction night? Through the generous support of our donors, sponsors, and participants, our fundraisers support a wide range of ASHRAE activities. Of course, we talk about Research Promotion the most. As we will highlight at our auction night, ASHRAE funds cutting edge research to drive our industry forward and answer critical questions to benefit society. ASHRAE currently has 42 active research projects with a total value of over \$6 million dollars; and since 1959 ASHRAE has funded almost \$80 million dollars of direct research. The current ASHRAE Research Strategic Plan includes Research Initiatives in areas such as resilience, indoor environmental quality, and energy and resources.

Beyond Research Promotion, our fundraisers also support our chapter activities to strengthen the future of our local HVAC-R industry. Each year, our chapter awards two \$800 scholarships to students in local colleges and a \$1000 Jack E. Tumilty Scholarship to a local graduating high school senior. We also sponsor activities to engage local K-12 and college students in planning careers in mechanical engineering and HVAC-R. And looking forward a bit, in a few years Tulsa will be the host of the annual Chapters Regional Conference for ASHRAE leaders from several surrounding states and Mexico. We look forward to hosting a conference full of education, fellowship, and showing off the best that Tulsa has to offer!

Fundraisers like our auction night help support all of these important efforts. We appreciate the generosity of all our donors, sponsors, and participants, which enables our chapter to act on ASHRAE's Mission of serving humanity by advancing the arts and sciences of HVAC-R. Will you join us at the auction to help support the future development of our industry?

*Claire Farr*

**Claire Farr**  
2021-2022 Chapter President  
[cfarr@es2ok.com](mailto:cfarr@es2ok.com)



## CHAPTER TECHNOLOGY TRANSFER/PROGRAMS

By Michael Floyd

Thank you to everyone who attended our January meeting! Our speaker was David Schurk, another ASHRAE Distinguished Lecturer. Mr. Schurk presented on how to improve the environmental air quality in all types of buildings.

Our next meeting will be held on February 9, and it is our annual ASHRAE Research Auction. The meeting will start at 6:30, at the Tulsa Country Club – 701 North Union Avenue Tulsa, OK 74127.

Looking ahead, our March meeting will be on March 2nd. Our speaker will be Garen Ewbank. Mr. Ewbank will be speaking on the stages of developments from the ground source heat exchangers to the ambient temperature loops.

Also, if anyone is in need of 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**  
918.836-0271  
[michael.floyd@leeandbrowne.com](mailto:michael.floyd@leeandbrowne.com)

## TREASURER REPORT

By Matt Simmons

Our chapter's current net worth as of February 1, 2022 is as follows.

BOK- General checking:	\$32,544.49
BOK-Investments-CRC-Training:	\$19,284.69
<u>Jack Tumilty Scholarship Fund:</u>	<u>\$27,501.71</u>
<b>Total Assets:</b>	<b>\$79,330.89</b>



**Matt Simmons**  
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## YEA

By Zach Seizinger

YEA's first event at the Tulsa Oilers set the standard high for following events in 2022! We had a great time hanging out on the Party Deck, and then got the whole section upgraded to another box section right on the ice. Looking forward to more good events and good luck within our events for the remainder of the year! Come join us at future YEA events, which will be announced soon!



Zach Seizinger  
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## RESEARCH PROMOTION

Please join us for the annual NEOK ASHRAE Auction and support your local ASHRAE chapter. We are still accepting donation items, please contact Duane ([Duane.Harman@aaon.com](mailto:Duane.Harman@aaon.com)) or Claire ([cfarr@es2built.com](mailto:cfarr@es2built.com)) if you have an item you would like to donate for auction. Friends, spouses, significant others are encouraged. All proceeds from the auction help support research, and scholarships for student members. Any and all support is appreciated!

Details for auction below:

6:30 – 8:00pm Wednesday, February 9<sup>th</sup>  
Tulsa Country Club

Please visit the following link 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](#)

## MEMBERSHIP PROMOTION

By Brian Biggerstaff

This month's February auction would be a great opportunity to bring a potential ASHRAE Member to see that we really can have fun at our meetings! If you have any prospective members, please send them my way, and I will make sure to follow up with them! Thanks to everyone who has been sending potential contacts!



**Brian Biggerstaff**  
918.624.1005  
[bbiggerstaff@eei-ok.com](mailto:bbiggerstaff@eei-ok.com)

## 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. 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.

I look forward to the new ASHRAE year. The future is bright for ASHRAE.



**Jacob Koch**  
918.836.0271

## ELECTRONIC COMMUNICATIONS

By Matt Petersen

Well, we all survived the snowstorm and the bitter cold, let us all look forward to the spring, just around the corner!

Our hybrid meeting for January had over fifteen attendees, a record for this year. As always just a friendly reminder that if you cannot make it to the Tulsa Country Club, you can always attend virtually. *Except for this month's meeting.* This is the NEOK Chapter Annual Research Auction. We will NOT be having an online meeting for February.

Just so you know, and I know it will be mentioned numerous times in this issue of our chapter newsletter that the annual NEOK Research Auction is set for February 9<sup>th</sup>. This is a dinner event and will be hosted at The Tulsa Country Club.

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](mailto: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. Notice pics from our November meeting and the YEA Oktoberfest event. 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](http://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 CRC is scheduled for late April in Houston this year. As of today it will be in a person to person event.

The committee has selected a chapter member to the 'Hall of Fame' this year. The presentation will be at the March Chapter meeting. Please plan to attend and help them celebrate.

It appears that we will have 2 members eligible for the Chapter Service Award this year at the 2022 CRC. The paper work is being prepared and will be completed in March and sent to the Regional Nominating Committee for voting by the Delegates during the executive meeting on Saturday of the CRC.

**Mike Beda**

918.706.8309

[mikebeda1945@yahoo.com](mailto:mikebeda1945@yahoo.com)



## HISTORY

By Gene Redford

Since I have not heard back from anyone yet about their history, I will start off in hopes it will inspire some response from some of you to give me some articles to share.

My dad was a truck driver and we were involved in laying the oil pipelines across AZ, NM, and TX in the early 40's, moving about every six weeks. I was born in Kentucky and by the time I was 8 years old we had lived in 7 or 8 states. Around 1948 we settled in Tulsa when my dad went from hauling pipe to hauling oil field equipment out of Tulsa with Parkhill Trucking.



I remember wanting to be an Architect as I liked to draw as far back as the sixth grade. One of my projects in the 9<sup>th</sup> grade wood shop class was to design something to build. I designed a desk for me to use at home and still have that same desk today. I took architectural drafting while in high school, not knowing of my future at that time.

I worked at Oertle's during high school, so after graduating from high school and no job opportunities at that time and no chance at college I joined the Army in September 1959. I was involved in a plane crash on the way to Fort Dix. I was assigned to 35<sup>th</sup> Armor Bn. in Mannheim Germany, serving as operation assistant in S-3. The barracks we stayed in were old Germany Army buildings with steam radiators. At that I knew nothing about heating or air conditioning. All I remember was we had a floor furnace at home and while in AZ, we had a devise in our car window to keep us cool.

When I returned to Tulsa in Sept. 1962, I stopped in to meet a family of a friend I met in Germany from Tulsa, and they introduced me to their neighbor who shared an office with Jack Tumilty. After hearing of my desires of wanting to be an Architect, he suggested I visit with Jack. I showed Jack my work from high school, and he hired me to come to work for him, which was Collins Engineering Company out of OKC. Collins had an in house program for employees to learn about the HVAC industry, and was graded by one of their engineers in OKC. I would receive classroom questions to answer for homework and send back to OKC for grading. I was fortunate to work for two highly respected ASHRAE members, Bill Collins was a past president of ASHRAE, and Jack Tumilty chaired the committee for ASHRAE, who redesigned the Mechanical code which became BOCA. In 1969 Jack suggested I get Certified as an Engineering Tech which I did using Jack and Tom Owens as my two PE sponsors.



**Gene Redford**  
918.346.0444  
[gredbird@yahoo.com](mailto:gredbird@yahoo.com)

## MEETING MINUTES

By Austin Barton

In lieu of a Chapter BOG Meeting in January, a group of members met with our current ASHRAE President Mick Schwedler. The list of meetings included the following:

- 3:00pm-4:00pm - Tour of AAON R&D Lab with Mark Fly.
- 4:00pm-5:00pm - Gathering in the conference room at AAON to discuss the benefits of ASHRAE membership and how ASHRAE could bring more value.
- 5:00 - 6:30pm - Dinner in the private room at Elgin Park.



**Austin Barton**

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**GGAC**

By Garen Ewbank

## Support for the 2021 International Energy Conservation Code is Now Available in REScheck™!



The U.S. Department of Energy (DOE) has released REScheck Version 2.1.0, a free, web-based software application that helps builders, designers, and contractors demonstrate that a particular home complies with the latest provisions of the International Energy Conservation Code, the 2021 IECC. DOE has determined that the provisions of the 2021 IECC will achieve savings of 9.4% in residential buildings (compared to the previous 2018 edition).

[Learn more](#) or jump right to [REScheck-Web!](#)

**Garen Ewbank**  
405.826.8156

[gewbank@geotctest.com](mailto:gewbank@geotctest.com)

## YEA Meeting @ Tulsa Oilers Hockey Game





## 2021/2022 Calendar of Events

<u>Important Dates</u>	<u>Meeting</u>	<u>Location</u>
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	<a href="mailto:cfarr@es2ok.com">cfarr@es2ok.com</a>
President Elect	Keith Averitt	918-624-1005	<a href="mailto:kaveritt@eei-ok.com">kaveritt@eei-ok.com</a>
Treasurer	Matt Simmons	918-258-6890	<a href="mailto:msimmons@eda-fki-engineers.com">msimmons@eda-fki-engineers.com</a>
Secretary	Austin Barton	918-359-9107	<a href="mailto:barton.a@mcintoshok.com">barton.a@mcintoshok.com</a>

### Board of Governors

BOG	Brian Biggerstaff	918-219-4030	<a href="mailto:bbiggerstaff@eei-ok.com">bbiggerstaff@eei-ok.com</a>
BOG	Chuck Mayfield	918-624-1005	<a href="mailto:cmayfield@eei-ok.com">cmayfield@eei-ok.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>

### Committee Chairs

CRC Delegate	Steve Uerling	918-836-0271	<a href="mailto:steve.uerling@leeandbrowne.com">steve.uerling@leeandbrowne.com</a>
CRC Alternate	Claire Farr	918-279-6450	<a href="mailto:cfarr@es2ok.com">cfarr@es2ok.com</a>
Attendance/Reception	Pam Dunlap	918-587-4747	<a href="mailto:pbdunlap@matrixae.com">pbdunlap@matrixae.com</a>
Audit	Dan Owens	918-359-9110	<a href="mailto:owens.d@mcintoshok.com">owens.d@mcintoshok.com</a>
CTT/Programs	Michael Floyd	918-836-0271	<a href="mailto:michael.floyd@leeandbrowne.com">michael.floyd@leeandbrowne.com</a>
GGAC	Garen N. Ewbank	405-826-8156	<a href="mailto:gewbank@geotctest.com">gewbank@geotctest.com</a>
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>
Membership Promotion	Brian Biggerstaff	918-219-4030	<a href="mailto:bbiggerstaff@eei-ok.com">bbiggerstaff@eei-ok.com</a>
Newsletter	Keith Averitt	918-624-1005	<a href="mailto:kaveritt@eei-ok.com">kaveritt@eei-ok.com</a>
Nominating	TBD		
Publicity / Social Media	Matt Petersen	918-978-9543	<a href="mailto:petersenmatthewe@gmail.com">petersenmatthewe@gmail.com</a>
Refrigeration	Eric Mulliniks	918-382-6432	<a href="mailto:ericm@aaon.com">ericm@aaon.com</a>
Research Promotion	Jason Blair	918-232-7654	<a href="mailto:jblair@harrisonenergy.com">jblair@harrisonenergy.com</a>
Special Events Co-Chair	Nolan Chance	918-877-6000	<a href="mailto:nolanc@midwestmachinery.net">nolanc@midwestmachinery.net</a>
Special Events Co-Chair	Ryan Dunkerson	918-430-6793	<a href="mailto:rdunkerson@es2ok.com">rdunkerson@es2ok.com</a>
Student Activities	Jacob Koch		
Sustainability	ELGIN PARK		
Webmaster/ECC	Matt Petersen	918-978-9543	<a href="mailto:petersenmatthewe@gmail.com">petersenmatthewe@gmail.com</a>
YEA	Zachary Seizinger	918-998-0007	<a href="mailto:zseizinger@eei-ok.com">zseizinger@eei-ok.com</a>