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UPCOMING EVENTS

- **February 13th:**  
Chapter Meeting (5:30 p.m. Dinner) at Tulsa Country Club
- **February 18th:**  
Board of Governors (4:00 p.m.) at McNellie's South City

President's Message

Welcome!

As I struggle with selecting a topic to write about for this month's newsletter, the word procrastination keeps buzzing in my head. I am a procrastinator. There I said it. Why do we procrastinate? Are you an avoider? Do you have a fear of failing? Do you take a lot of time to analyze a situation before making a decision? These are common traits associated with a procrastinator per my internet research. I check all the boxes. I read where some people seek the thrill of waiting until the last minute in order to receive a euphoric rush. Trust me when I say this, I am not looking for that euphoric rush on this one.

Every month we create a newsletter for our NEOK ASHRAE Chapter. If you have never been involved with the process, let me tell you that procrastination makes putting the newsletter together very difficult each month. One of the worst jobs to have while going through the chapter chair positions is the dreaded newsletter editor. The President-Elect has the task of getting the articles from the chairs and committee members and then assembling the articles into a newsletter. The newsletter is judged by the Region VIII newsletter committee each month. They vote for the best newsletter for each chapter year. Ask Claire what she thinks about procrastination the next time you see her. Did you know that she is on maternity leave and working on a newsletter? Congratulations on the new baby! I think we owe you a big gratitude of thanks.

Now I feel guilty. I am procrastinating about writing a newsletter article. Claire has a new baby and she is waiting on us procrastinators for articles. Claire is waiting for my article, so she can do her work as she has a deadline to meet. I did not want to write a stupid article to begin with. There I said it. I am an introvert. I am not comfortable sharing my thoughts feelings with everyone out there. I fear writing something stupid or sounding too much like the educated redneck that I am. I over analyze the topic hoping to make the

(continued)



Duane Harman Chapter President



## President's Message, continued

right decision. For Claire's sake, I promise not to procrastinate on this for the remainder of the year. Sometimes you just have to put things in perspective in order to focus on what is important.

Since I have three paragraphs now, I can move on from my personal procrastination issues and consider this a newsletter article. I think the real point to make is that it takes a lot of work and effort to keep the NEOK ASHRAE Chapter moving forward. Every month there is a newsletter to write, a chapter meeting to plan and attend, a board of governors meeting to host, a future special event to plan. The volunteers that serve definitely need the support of the chapter members to succeed each year. This leads me to what is happening in our local chapter this month.

February has turned into a busy month. We need the support of our members. We have our annual ASHRAE Research fundraising auction on Thursday evening. Please come out, support the chapter, and bid on some nice live auction items. Jay Litchfield has volunteered his auctioneer services again this year. On Friday, February 25th we will host our annual Day on the Hill event with the OKC Chapter. Garen Ewbank and Chad Smith have been working hard on our government outreach program. We need volunteers to attend and support our efforts at the State Capitol. Information on the event will be posted in this newsletter.

*Duane Harman*



**Duane Harman**  
2019-2020 Chapter President  
[DuaneH@aaon.com](mailto:DuaneH@aaon.com)

## REFRIGERATION

By Eric Mulliniks

We are finalizing plans for hosting a joint chapter tour of the new AAON laboratory, the Norman Asbjornson Innovation Center. This will provide a great opportunity to see various aspects of the HVAC and refrigeration industries working in conjunction to accomplish diverse and sometimes even extreme testing conditions. A tour time and schedule should be released within the coming weeks.

**Eric Mulliniks**  
918.382.6432  
[ericm@aaon.com](mailto:ericm@aaon.com)



CHAPTER TECHNOLOGY TRANSFER

By Matthew Simmons

We will not have a technical presentation this month because we are holding our annual dinner meeting and auction to raise money for ASHRAE Research Promotion. Please join us for our Research Promotion Dinner and Auction night at the Tulsa Country Club 701 N. Union Ave., this Thursday, February 13th. Doors will open at 5:30 pm.

Go ahead and mark your calendars now for our future chapter meetings on March 4th, April 1st, and May 6th.

Call for Submissions:

If you have applied innovative building design in the areas of occupant comfort, indoor air quality and energy conservation that incorporate ASHRAE standards for Effective energy management and IAQ you should submit your design for the ASHRAE’s annual Technology Award Program. By submitting your design you and your client, if selected, could be Recognized by ASHRAE for your innovative technological concepts. Each year the Society may present awards in six categories:

Commercial Buildings, Institutional building, Health Care Facilities, Industrial Facilities or Processes, Public Assembly, and Residential. If you would like more information on this program please

[visit the ASHRAE website.](#)



Matthew Simmons

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RESEARCH PROMOTION

By Jason Blair

Please join us for our annual Research Promotion Dinner and Auction night at the Tulsa Country Club 701 N. Union Ave., this Thursday, February 13<sup>th</sup>. There will NOT be a technical presentation at this event. Guests are welcome and encouraged to bid on our wonderful auction items. Doors will open at 5:30 pm, with meals and auction to follow. Meals will be \$25 each. We accept cash, check, or card for all auction purchases.

We look forward to seeing you there!



Jason Blair

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Tulsa, Oklahoma

Newsletter of the NEOK Chapter of ASHRAE Region VIII

[www.ashrae.org](http://www.ashrae.org) | [www.ashrae-neok.org](http://www.ashrae-neok.org)

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GGAC

By Garen Ewbank

# Grassroots Government Advocacy



Government Outreach Day  
When: Tuesday, February 25th 2020  
Where: "On the Hill" (State Capitol)

If you are interested in attending this year's Government Outreach Day, please contact Garen Ewbank NE Chapter [gewbank@geotctest.com](mailto:gewbank@geotctest.com) or Byron Hughes Central Ok Chapter [bhughes@rbakins.com](mailto:bhughes@rbakins.com)



ASHRAE members play crucial roles educating public policymakers at all levels of government in every country about building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the building industry.



**Garen Ewbank**  
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TREASURER REPORT

By Steve Uerling

Net Worth — As of 1/31/2020

(Includes unrealized gains)
As of 1/31/2020

Table with 2 columns: Account, January 2020. Rows include Assets (\$72,492.65), Cash (\$45,012.38), Savings (\$27,476.71), Investments (\$3.56), Liabilities (\$0.00), and Net Worth (\$72,492.65).



Steve Uerling
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YEA

By Jason Blair

NEOK ASHRAE is currently seeking volunteers to be the next YEA Committee Chair. Please consider volunteering to ensure NEOK's chapter success is continued through the next generation of ASHRAE leadership. Anyone who is interested please contact Duane at DuaneH@aaon.com.



Jason Blair
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Tulsa, Oklahoma

Newsletter of the NEOK Chapter of ASHRAE Region VIII

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HONORS & AWARDS

By Mike Beda

I have received two submissions for the Chapter of Service Award so far this year. I will be reviewing the applications and preparing them for our Chapter Delegate, Nolan Chance and Alternate Delegate, Duane Harman, for the CRC. At that time, all the Chapter Delegates will be voting on the Regional candidates for the ASHRAE 2019-20 year.

My committee is now reviewing names for the Chapter Hall of Fame. We hope to have this completed next week for award at the March meeting.

If you think you may be eligible for an award, please give me a call.

Remember the dates of April 23rd thru the 25th. This is the schedule of the Region VIII, CRC, in Houston, TX. This year it will be located in the Woodlands, north of downtown. Online registration is available at ASHRAE.org.



Mike Beda
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SOCIAL MEDIA

Don't miss out on helpful event reminders by "Liking" NEOK ASHRAE on Facebook & joining our group on LinkedIn. Participating in our chapter social media also helps our chapter earn points given by Society toward chapter awards. Thanks!

Click on one of these logos to visit our pages.



Example event reminder on Facebook





## HISTORY

By Gene Redford

MATRIX Architects Engineers Planners, Inc. has evolved over the years, starting in 1958 when it was known as Netherton, Dollmeyer and Solnok, providing structural, mechanical and electrical engineering services. It was formed by a merger of the three principals mentioned into a partnership and later into a corporation. The firm has gone through several name changes since the early days. The name MATRIX came about as a result of a merger with an architectural firm in 1984. Interior design services were added shortly after that.

One of the original principals, Jim Netherton, served as president of our chapter on two occasions, once in the year 1952 and again in 1957. Another principal, Sid Simon, was later added, and Sid served as chapter president in 1973. Sid has attended several "Past President" meetings.

Jerry Beardslee was the first architect the firm hired and Jerry was very involved in the annual NEOK ASHRAE golf tournament for several years. As I remember, Jerry took over the score keeping when Sid Simon retired from this event.

Over the entire existence of the firm under various names, there have been hundreds of projects ranging from portable metal buildings going to Saudi Arabia and a sports facility in Russia to high rise office buildings and industrial plants in Tulsa, Oklahoma. Some projects are specific discipline intensive, with little input from the other disciplines. The projects requiring coordination between all disciplines is their specialty.

MATRIX and previously associated entities have produced or collaborated on a wide variety of local projects including the original convention center, the current John Zink complex (including headquarters office building, manufacturing plant, research and development facility and the more recent skid fabrication building) and the BOK Center. Smaller remodel or 'ground-up' projects have sustained the company including some at Hillcrest Medical Center, the **aero-space facilities at TIA, the Ford Glass Plant, and Oklahoma State University along with scores of tenant remodels in Tulsa area office and commercial buildings.**



Sid Simon



Jerry Beardslee

*Continued...*



HISTORY (continued)

By Gene Redford

MATRIX celebrates 35 years of providing architectural and engineering services to the area, with 61 years of a wide variety of experience under one continuous legacy.



Pam Dunlap, currently serving as Principal and Director of Mechanical Engineering at MATRIX and our chapter's Attendance/Reception Committee Chair



Gene Redford  
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glredbird@yahoo.com

MEMBERSHIP PROMOTION

By Eric Mulliniks

Chapter reports for the month of January show that there has been an increase in local membership.

We currently have 204 members, 198 of which are non-student members. 6 memberships have expired, or are in the grace period and need to be renewed. Emails have been sent to these 6 members. I have already received a few replies confirming that these memberships will return to active status.

Our next chapter meeting will be held February 13th. This will be dinner meeting along with an auction. This would be a great opportunity to invite a colleague or friend and introduce them to our local chapter.

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.

Eric Mulliniks  
918.382.6432  
ericm@aaon.com





## STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. E-week is upon us! The nerds are coming! The nerds are coming!

E-week stands for Engineering Week, which will be held February 16th-22nd. A week that celebrates and promotes students interested in engineering. In 1990, DiscoverE issued the first of its kind nationwide call asking engineers to volunteer in classrooms. We use this week to introduce kids to engineering. Speakers are needed for elementary or middle schools near you. If you are interested in presenting, then contact Sarah Kellert at [SKellert@conteches.com](mailto:SKellert@conteches.com). Be proud and spread the word of the nerd!

E-week activities start Wednesday, February 19th, with an E-week lunch. It is located at the Noah's Event Center. Joe Echelle, Assistant Executive Director for OTA and Adjunct Professor at Oklahoma State, will be speaking about engineering from a professional and educational standpoint. Invite a college student to attend with you.

The E-week Breakfast will be held on Friday, February 21st. This is a one-of-a-kind annual event at the Wynham Tulsa Hotel for high school juniors and seniors interested in different career opportunities in engineering. Sponsors are needed to purchase tables for \$250 a table or a half table for \$150. Sponsor will receive a free breakfast and the ability to influence the future of engineering. If you choose to be a sponsor, then you will be seated with 8 high schoolers and one other engineer. You will talk to them about engineering and their possible career paths moving forward. Sponsors are always needed, so please contact me at [Jacob.koch@leeandbrowne.com](mailto:Jacob.koch@leeandbrowne.com) for more information.

A reminder that there are three scholarships available through NEOK ASHRAE. NEOK college student scholarships are 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 are \$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 are awarded yearly at the April NEOK ASHRAE chapter meeting. I will be handing out flyers promoting these scholarships at colleges and high schools. If anyone knows any students that would be a good candidate for the scholarships, then direct them to the NEOK ASHRAE website.



**Jacob Koch**

918.836.0271

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MEETING MINUTES

By Keith Averitt

Recording of Minutes

**Chapter:** Northeastern Oklahoma Chapter 069

**Meeting Date:** January 23, 2020

**Meeting:** January 2020 BOG

**Compiled By:** Keith Averitt

**Attendance:**

**Attendees:** Keith Averitt, Steve Uerling, Pam Dunlap, Matt Simmons, Garen Ewbank, Mike Beda, Nolan Chance, Matt Petersen. Duane Harman, Dan Owens, Steve Johnson

The NEOK March BOG Meeting was held at McNellies South. Chapter President Duane Harman called the meeting to order at 4:20 pm.

**President:** Duane Harman

- Steve Uerling is swapping positions with Claire Farr for Fall 2020. Dan Owens made motion to approve this change, seconded by Keith Averitt. Motion as approved.
- Discussed Jason Blair as new chair for Research Promotion

**President Elect:** No update

**CRC Action/PAOE:** CRC is in Houston from April 23-26

**Newsletter:** No update

- Newsletters have been lost for Cary Pestel's year

**Treasurer:**

- Steve Uerling handed out Net Worth Statement for 2019
- Books still need to be transferred
- Audit has not been complete
- Dan Owens volunteered to be on Audit Team for 2020

**Secretary:** No update

**Attendance/Reception:** Pam Dunlap

- Attendance for January meeting was 52

**CTT Chapter Programs:** Matt Simmons

- No update

**Honors and Awards:** Mike Beda

- Discussing 2 candidates for Hall of Fame
- Mike Beda submitting Duane Harman for Chapter Award Service Member

**Membership Promotion:** Erik Mulliniks

- No update

(continued...)



MEETING MINUTES

By Keith Averitt

**Research Promotion:** Vacant

- Duane Harman discussed getting donation from AAON, needs check request form
- Auction is coming up on Feb. 13. Discussed having a silent auction for some items
- Nolan Chance suggested soliciting monetary donations to pool funds in order to purchase items for auction

**Student Activities:** Jacob Koch

- No Update

**Special Events:** No update

**Sustainability:** No update

**Publicity/Social Media:** Matt Peterson

- No update

**Webmaster/ECC:** Matt Petersen

- Matt Petersen needs login credentials for Facebook, LinkedIn accounts

**YEA:** Jason Blair

- No update

**K-STEM:** No update

**GGAC:** Garen Ewbank

- We are trying to add two positions to the OUBCC: one licensed in OK as a P.E. and one energy professional from a national organization or state licensed contractor

**New Business:**

Duane Harman:

- Nolan Chance mentioned the need to establish a grassroots committee for PAOE points (worth 500 points)
- Dan Owens mentioned the need to promote Feb auction, BOG & officers need to donate

Meeting was adjourned at 5:30 pm.



Keith Averitt  
918-624-1005  
kaveritt@eei-ok.com

Mark your calendars: CRC April 23-25 in Houston



ASHRAE® REGION VIII





# NEOK Season Pass Order Form

<u>Option</u>	<u>Name / Firm</u>	<u>Qty</u>	<u>Price</u>	<u>Total Price</u>
Individual Booster Ticket			@ \$175	\$
Corporate Booster Ticket			@ \$200	\$
Corporate Booster Meals			@ \$25	\$
Student Booster Ticket			@ \$175*	\$
Student Booster Meals			@ \$25*	\$
<b>Total Paid:</b>				\$

\* Tax deductible donation for the benefit of the Chapter

Company Name: \_\_\_\_\_ Contact Person: \_\_\_\_\_

Street Address: \_\_\_\_\_ Phone Number: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_ Email Address: \_\_\_\_\_

Make checks payable to: NEOK ASHRAE

Mail checks to: NEOK ASHRAE  
PO Box 52746  
Tulsa, OK 74152



## 2019/2020 Calendar of Events

**Important Dates**

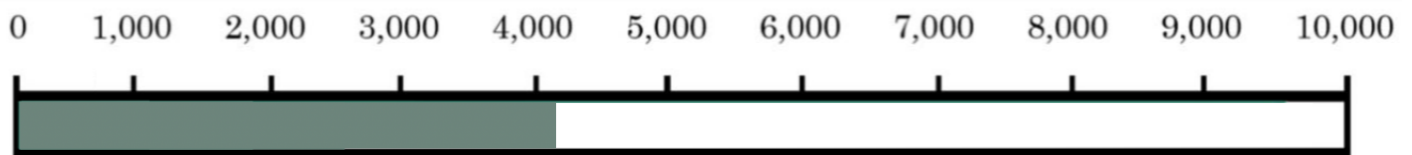
**Meeting**

**Location**

September 11, 2019	Golf Tournament	LaFortune Golf Course
September 19, 2019	Board of Governors	McNellie's South City
October 2, 2019	Chapter Meeting (Lunch)	Tulsa Country Club
October 10, 2019	Board of Governors	McNellie's South City
November 6, 2019	Chapter Meeting (Lunch)	Tulsa Country Club
November 19, 2019	Board of Governors	McNellie's South City
December 4, 2019	Chapter Meeting (Lunch)	Tulsa Country Club
December 10, 2019	Board of Governors	McNellie's South City
January 15, 2020	Chapter Meeting (Lunch)	Tulsa Country Club
January 21, 2020	Board of Governors	McNellie's South City
February 13, 2019	Chapter Meeting (Dinner)	Tulsa Country Club
February 18, 2020	Board of Governors	McNellie's South City
February 1-5, 2020	ASHRAE Winter Conference	Orlando, Florida
March 4, 2020	Chapter Meeting (Lunch)	Tulsa Country Club
March 10, 2020	Board of Governors	McNellie's South City
April 1, 2020	Chapter Meeting (Lunch)	Tulsa Country Club
April 7, 2020	Board of Governors	McNellie's South City
April 23-25, 2020	CRC	Houston, Texas
May 6, 2020	Chapter Meeting (Lunch)	Tulsa Country Club
May 12, 2020	Board of Governors	McNellie's South City
June 27-July 1, 2020	ASHRAE Annual Conference	Austin, Texas

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

## 2019/2020 NEOK PAOE Points





# 2019/2020 Chapter Volunteers

## Officers

President	Duane Harman	918-382-6173	<a href="mailto:duaneh@aaon.com">duaneh@aaon.com</a>
President Elect	Claire Farr	918-279-6450	<a href="mailto:cfarr@es2ok.com">cfarr@es2ok.com</a>
Treasurer	Steve Uerling	918-836-0271	<a href="mailto:steve.uerling@leeandbrowne.com">steve.uerling@leeandbrowne.com</a>
Secretary	Keith Averitt	918-624-1005	<a href="mailto:kaveritt@eei-ok.com">kaveritt@eei-ok.com</a>

## Board of Governors

BOG	Brian Biggerstaff	918-219-4030	<a href="mailto:bbiggerstaff@eei-ok.com">bbiggerstaff@eei-ok.com</a>
BOG	Dan Owens	918-270-1414	<a href="mailto:owens.d@mcintoshok.com">owens.d@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:sjohnson@ocem.us.com">sjohnson@ocem.us.com</a>

## Committee Chairs

CRC Delegate	Nolan Chance	918-877-6000	<a href="mailto:nolanc@midwestmachinery.net">nolanc@midwestmachinery.net</a>
CRC Alternate	Duane Harman	918-382-6173	<a href="mailto:duaneh@aaon.com">duaneh@aaon.com</a>
Attendance/Reception	Pam Dunlap	918-587-4747	<a href="mailto:pbdunlap@matrixae.com">pbdunlap@matrixae.com</a>
Audit	Chad Smith	918-665-6600	<a href="mailto:chad@airetechcorp.com">chad@airetechcorp.com</a>
CTT/Programs	Matt Simmons	918-258-6890	<a href="mailto:msimmons@eda-fki-engineers.com">msimmons@eda-fki-engineers.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>
Invocations	David Lam	918-250-5590	<a href="mailto:david.lam@omnimechanical.net">david.lam@omnimechanical.net</a>
K-12 STEM	Cheyenne Reynolds	918-224-6560	<a href="mailto:creynolds@sapulpaps.org">creynolds@sapulpaps.org</a>
Membership Promotion	Eric Mulliniks	918-382-6432	<a href="mailto:ericm@aaon.com">ericm@aaon.com</a>
Newsletter	Claire Farr	918-279-6450	<a href="mailto:cfarr@es2ok.com">cfarr@es2ok.com</a>
Nominating	Joel Karsetter	918-665-3974	<a href="mailto:jkarsetter@abscompanies.com">jkarsetter@abscompanies.com</a>
Publicity / Social Media	Vacant		
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	Duane Harman	918-382-6173	<a href="mailto:duaneh@aaon.com">duaneh@aaon.com</a>
Special Events Co-Chair	Ryan Dunkerson	918-430-6793	<a href="mailto:rdunkerson@es2ok.com">rdunkerson@es2ok.com</a>
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Webmaster/ECC	Matt Petersen	918-282-7731	<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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