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UPCOMING EVENTS

- **October 2nd:** Chapter Meeting (Lunch) at Tulsa Country Club
- **October 10th:** Board of Governors at McNellie's South City

President's Message

Welcome!

Are you giving your best effort? I have been listening to a series on Leadership by Sean Kouplen, Chairman & CEO of Regent Bank and Oklahoma Secretary of Commerce & Workforce Development, where he discusses this topic. I wanted to share some details from Sean, and my thoughts on "are you giving your best effort." If you feel motivated to listen to the whole series on 5 Questions to Significance, you can find Sean on LinkedIn.

When you go to work how do you spend the day? Are you committed to being the best at what you commit to do? Or are you the person that does the least you can do to get the job done? Are you overcommitted at work and/or life? Or are you just trying to get through the day, the week, or the project? Think about this: If you are overcommitted, you then fall into the category of just trying to do the least by default whether you know it or not.

The reality is that if you are not passionate about it, then don't do it. If you are overcommitted or doing the least you can, then you are cheating your work and you are cheating yourself! You are missing the experience of doing your best. You are missing the opportunity to develop, learn, and succeed at a much higher level. Don't live life trying to do the least you can do in order to get by. Don't clutter your work and personal life with things you are not passionate about.

We can apply this philosophy to our local ASHRAE chapter. Are you passionate about it or not? Unfortunately, most of us are more than likely overcommitted and not passionately serving in our local ASHRAE chapter. When it comes to ASHRAE, we are just doing what we need in order to do the least. We are cheating ourselves, and we are cheating the members of our local chapter. Bring your passion and commitment to our local chapter! We need it to be a vibrant and functioning chapter. As the chapter President, I will focus on giving my best effort and being passionate about it.

Moving on to chapter related items, we have our first meeting on October 2nd at 11:30 am at the Tulsa Country Club. The September golf event was a great success. A special thanks to the volunteers that put in the effort to make the event successful. We are also very thankful for all the sponsors and teams. This event is our largest fund raising event of the year and it continues to meet and exceed our goals.

Thanks, *Duane Harman*



Duane Harman
Chapter President



RESEARCH PROMOTION

By Kristin Long

Because of you, our 2019 golf tournament was one of the most successful ever. With 22 teams registered and cooperative weather, we managed to keep the pace of play at a very acceptable level. Many thanks to all that donated items for door prizes and goodie bags. Your participation plays a big part in the success of the tournament year after year. I want to personally thank all of the committee members and volunteers. They are the reason this event went as smoothly as it did.

Duane Harman-AAON, Inc.
Eric Mulliniks-AAON, Inc.
Chad Smith-Airetech Corporation

Steve Uerling-Lee & Browne
Claire Farr-ES2
John Hartnauer-Carrier Enterprise-Tulsa

Flag Sponsors

Automated Building Systems
McIntosh Corporation
Airetech Corporation
Northwest Controls Systems
Captive Aire Systems
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DS Herron Co. Inc.
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Platinum Mechanical
ES2-Tulsa
Benham
Midwest Machinery
Harrison Energy Partners
Carrier Enterprise Tulsa
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Platinum Mechanical
ES2-Tulsa
K & M Shillingford
Midwest Machinery
Harrison Energy Partners
Boone & Boone Sales
Trane
Tucker Mechanical

Table Sponsor: PSO

Table Sponsor: DS Herron Co. Inc.

Beverage Cart Sponsor: AAON, Inc.

Putting Contest Sponsor:

Engineered Equipment



Kristin Long
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CHAPTER TECHNOLOGY TRANSFER

By Matthew Simmons

Our NEOK ASHRAE chapter lunch meeting is quickly approaching this October 2nd at 11:30 am and will be held at Tulsa Country Club (701 N. Union Ave). The technical presentation for this meeting will be provided by Mark Hamilton on the topic of Commercial Kitchen Ventilation. Mark Hamilton has more than 20 years' experience in the Kitchen ventilation industry and is currently an Executive Account Manager with Accurex Kitchen Ventilation Systems, a division of Greenheck. I hope you can attend this presentation to learn more about Kitchen Ventilations systems regarding recent innovations and current code requirements. Please RSVP and bring a guest, we will see you there.

For a look ahead please mark your Calendars for our November 6th Lunch meeting when we will be welcoming back Pam Duffy P.E., one of ASHRAE's Distinguished Lecturer's. Pam will be speaking on "Time Management for the Perpetually Busy Engineer". Pam has over 10 years of experience in the HVAC industry. Look for our next newsletter for more information about this and other upcoming presentation and events.

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 following link.

<https://www.ashrae.org/membership/honors-and-awards/technology-awards-program>

2020 ASHRAE Winter Conference:

Online registration is open for the 2020 ASHRAE Winter Conference courses held in Orlando, FL on February 1-5. Visit the link for more details: <https://www.ashrae.org/professional-development/all-instructor-led-training/2020-ashrae-winter-conference>



If you cannot make it to Orlando there are still some fall 2019 online courses available. Please visit the following link for this and other ASHRAE training opportunities. <https://www.ashrae.org/onlinecourses>

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TREASURER REPORT

By Steve Uerling

Net Worth—As of 9/30/19

(Includes unrealized gains)
As of 9/30/19

Table with 2 columns: Account, September 2019. Rows include Assets (\$69,563.13), Cash (\$42,094.37), Savings (\$27,465.20), Investments (\$3.56), Liabilities (\$0.00), and Net Worth (\$69,563.13).

Last month we held yet another successful golf tournament, an event that has traditionally been our chapter’s largest single source of revenue. This year’s tournament revenue was \$21,205, coming from 21 registered teams and 26 different sponsors.

If you haven’t done so already, please consider purchasing a chapter meeting Season Pass, formerly known as Booster Ticket. For \$200, the pass covers meals at all eight regular meetings. It is not tied to one person, so passes can also be used to bring guests to meetings. Companies may purchase multiple passes and allow them to be split among different employees. An added bonus is faster check-in at meetings.

I am in the middle of getting accustomed to the treasurer position but hope to have the 2019-2020 budget completed by the next newsletter.



Steve Uerling
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SOCIAL MEDIA

By Kristin Long

Please remember to go “Like” NEOK ASHRAE on Facebook & join our group on LinkedIn. We will be posting meeting reminders & upcoming chapter activities on both pages. As of the end of September, we have 89 “Likes” on our Facebook page, and we have 96 members in our LinkedIn group.



Click on one of these logos to visit our pages.



Kristin Long
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GGAC

By Garen Ewbank

The committee has been busy this month, and our efforts are being noticed! Here’s the update that was recently publicized in ASHRAE’s national “Government Affairs Update.” You can subscribe to these biweekly updates online:

<https://www.ashrae.org/about/government-affairs/government-affairs-updates>

Oklahoma Members Urge 90.1-2016 Adoption

On September 17, several ASHRAE members from Oklahoma participated in the Oklahoma Uniform Building Code Commission meeting on the need for the state to update its energy codes. Oklahoma currently follows the 2006 IECC. Speaking before the Commission was Garen Ewbank, Government Affairs Chair of ASHRAE's Northeastern Oklahoma Chapter, who requested that the Commission adopt the latest energy codes for both commercial and residential facilities. Ewbank argued that Oklahoma is behind other states when it comes to energy codes and proposed a working committee be established by the Commission, in coordination with ASHRAE, with subject matter experts developing recommendations for an update, using ASHRAE 90.1-2016 as the baseline. Also speaking before the Commission was Kelly Parker, a member from ASHRAE's Oklahoma City Chapter and a past Board Member of the Commission. Parker pushed for an updated code and argued that an update would not cost the state any money. The Commission will meet again in October and ASHRAE members are pushing for the Commission to include a code update on the next agenda.

Garen Ewbank
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gewbank@geotctest.com

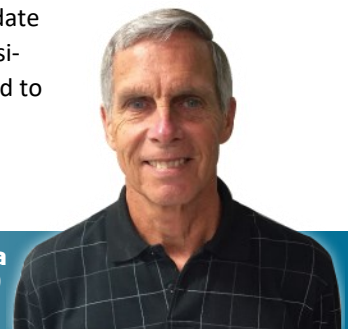
HONORS & AWARDS

By Mike Beda

For you in the Northeastern Oklahoma chapter that have worked on a committee as a member, co-chair or chair, I need for you to visit the ASHRAE website (<https://www.ASHRAE.org>) and enter your individual information. If you need help getting started, please call me.

For you that have served on Regional and Society level committees, I need for you to review and update your current bio. As of 2000 to the present, the Staff has automatically inputted your committee positions and assignments. Please review this data to make sure it is correct. Prior to 2000, you will need to enter your activities since you joined ASHRAE. This will allow you to be eligible for the Distinguished Service and Exceptional Service Awards.

Mike Beda
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HISTORY

By Gene Redford

While researching for this month's history article I remember some of the history of our chapter over the last 51 years, as I became a member of this chapter in January 1968.

I started attending meetings around 1966 and remember our chapter meeting attendance was around 25 to 30 each month. Our chapter membership in 1966 was 54 members. Chapter meetings were held between the Black Gold and Powers Restaurants. If you remember, this is when Oklahoma was dry, so we had a special committee who was the refreshment committee taking charge of our own bar. Cannot do that today. We would bring in our own liquor and bar tender (one of our members) and buy the setups and ice from the restaurant and charge our members by the drink.

We had our annual dinner dance that year in May at the Cup Club (later became Candlewood) and another dinner party in June with the wives at the Harvard Club.

The chapter officers in 1966 were President Bob Swain, VP Jim Palmer, Secretary Bob Scruggs and Treasurer Jack Evans, and our chapter dues were \$5.00/ year. The chapter's annual April field trip that year was in Muskogee OK touring Acme Fan Company. In 1967 the chapter had to increase the chapter dues to \$7.50/year, and this was also the first year of the booster tickets. The board was looking for ways to increase attendance, with the thought in mind of members not having to worry about having cash to pay for their meals at the door.

Our annual kick off meeting back then consisted of meeting somewhere and having Sutphens Bar-B-Q cater the food and the activities could be anything from softball games to tennis, or horseshoes. As I remember 1969 was our first golf tournament, which was held at Rolling Hills Country Club in Catoosa, September 1969. We sold 34 booster tickets at a cost of \$27.50/year in 1969; our chapter membership had increased to 76 members this year.

The Alternate and Delegate positions were appointed by the chapter as I remember. In other words, you could hold that position before being chapter President. The Oil Capital Air was initiated by Jack Tumilty in 1958, which was Volume I. The editor through this time was a position held by a volunteer, for as many years as they wanted to hold that position.

Another activity that took place each year was joint meeting between Central OKC chapter and NEOK chapter. We would go to OKC one year and the OKC chapter would travel to Tulsa the next year, usually by buses, with around 30 members making the trip. They were fun meetings and a great opportunity to meet new people and see how other meetings were conducted. There was some interesting contest between the two chapter presidents, which sometimes consisted with pies in the face or having ties cut off.



Gene Redford
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MEMBERSHIP PROMOTION

By Eric Mulliniks

Membership promotion and YEA are currently planning a joint Oktoberfest event. The event will be held on Corporate Night. Details of this event are being worked out now, but there should be a couple of tables available. If you know of anyone who might be thinking about joining our local chapter, please have them contact me either by phone or e-mail.

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. This helps our chapter leadership tremendously.

Eric Mulliniks
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REFRIGERATION

By Eric Mulliniks

We are currently working on planning a refrigeration tour at AAON's Norman Asbjornson Innovation Center (NAIC) in the Spring where we can see their a refrigeration system in place to make snow and ice. You can read more about this facility online:

https://www.aaon.com/Documents/Technical/AON_NAIC_ONLINE_180820.pdf

If you would like to volunteer to help plan other refrigeration oriented chapter activities, please contact me via phone or email.

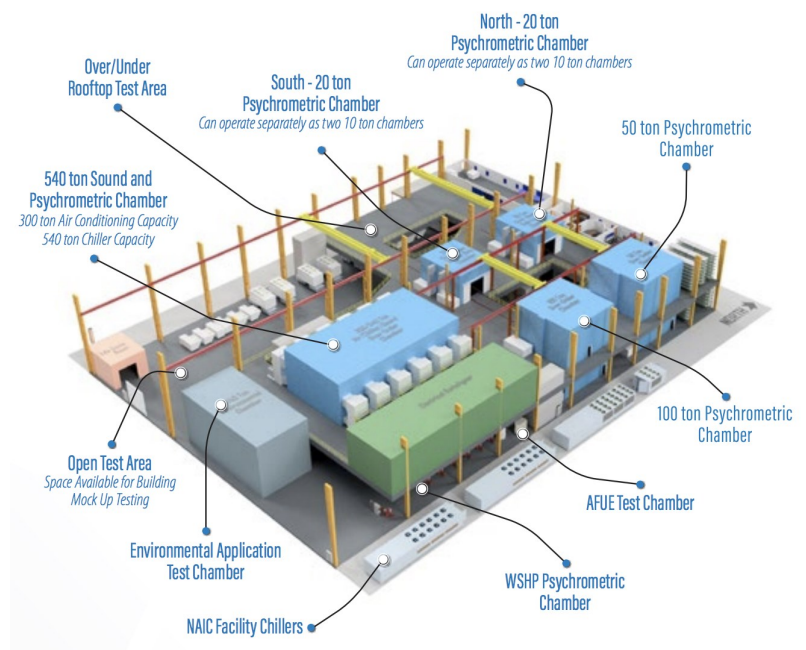


Diagram of the NAIC

Eric Mulliniks
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ericm@aaon.com



STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. A reminder that there are three scholarships 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-Oklmulgee. 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 flyers 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.

<https://www.ashrae-neok.org/index.php/calendar/students>



Jacob Koch
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YEA

By Jason Blair

Join your YEA chapter on October 16th for Corporate Night at this year's Linde Oktoberfest! There will be limited tickets, so please be sure to reserve yours early. More information regarding any events will be updated on <https://www.ashrae-neok.org/index.php/calendar/yea>.

Want to be involved? Want to sponsor an event? Please contact Jason Blair at jblair@harrisonenergy.com for information on how to support your YEA chapter.



Jason Blair
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jblair@harrisonenergy.com



MEETING MINUTES

By Keith Averitt

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069

Meeting Date: August 7, 2019

Meeting: August 2019 BOG

Attendance: See Below

Compiled By: Keith Averitt

Attendees: Dan Owens, Steve Uerling, Nolan Chance, Pam Dunlap, Ray Gomez, Matt Petersen, Claire Farr, Garren Ewbank, Duane Harman, Brian Biggerstaff, Matt Simmons, Steve Johnson, Eric Mulliniks, Kristin Long, Ryan Dunkerson

The NEOK March BOG Meeting was held at Bricktown Brewery Brookside. Chapter President Duane Harman called the meeting to order at 4:08 PM.

Special Thanks: Thank you to AAON for sponsoring appetizers and drinks.

President: Duane Harman

- Discussed meetings places for BOG – will continue to meet at Tulsa Country Club
Discussed moving all ASHRAE documents to Basecamp
Discussed how to improve chapter attendance, noting a need to improve attendance from the local mechanical contractors and some larger engineering firms. Also requested more involvement from past NEOK ASHRAE presidents
Budget discussions tabled until next meeting
Decided not to invite Dixon Golf back to ASHRAE golf outing

President Elect: Claire Farr

CRC Action/PAOE: No update

Newsletter: No update

Treasurer: Steve Uerling to have handoff/training before ASHRAE golf tournament. Also discussed having Paypal and credit cards as only payment options for golf tournament.

Secretary: Keith Averitt will assist Steve Uerling with golf collections at golf tournament

Attendance/Reception: See Presidents notes (Continued...)

Keith Averitt
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kaveritt@eei-ok.com





MEETING MINUTES

By Keith Averitt

(Continued...)

CTT Chapter Programs: No update

Honors and Awards: No update

Membership Promotion: . No update

Research Promotion: Discussed options for RP chairs

Student Activities: Going to meet with Jacob Koch for handoff

Special Events: No update

Sustainability: No update

Electronic Communication: No update

YEA: No update

K-STEM: No update

GGAC: No update

New Business: No update

Meeting was adjourned at 5:24 pm. Motion by Claire Far, Seconded by Nolan Chance.



Keith Averitt
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kaveritt@eei-ok.com

Mark your calendars now for CRC!

April 23-25, 2020 in Houston, Texas



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*	\$
Total Paid:				\$

* 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

September 11, 2019
 September 19, 2019
 October 2, 2019
 October 10, 2019
 November 6, 2019
 November 14, 2019
 December 4, 2019
 December 12, 2019
 January 15, 2020
 January 23, 2020
 February 13, 2019
 February 20, 2020
 February 1-5, 2020
 March 4, 2020
 March 12, 2020
 April 1, 2020
 April 9, 2020
 April 23-25, 2020
 May 6, 2020
 May 14, 2020
 June 27-July 1, 2020

Meeting

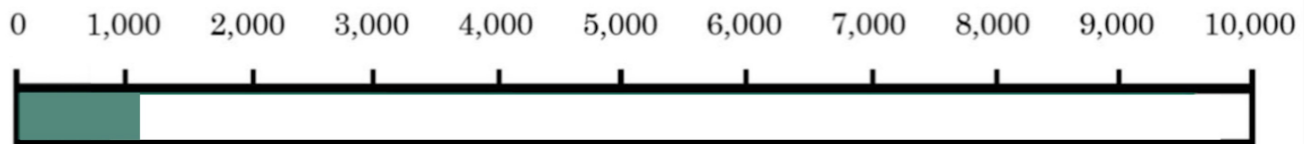
Golf Tournament
 Board of Governors
 Chapter Meeting (Lunch)
 Board of Governors
 Chapter Meeting (Lunch)
 Board of Governors
 Chapter Meeting (Lunch)
 Board of Governors
 Chapter Meeting (Lunch)
 Board of Governors
 Chapter Meeting (Lunch)
 Board of Governors
 Chapter Meeting (Dinner)
 Board of Governors
 ASRHAE Winter Conference
 Chapter Meeting (Lunch)
 Board of Governors
 Chapter Meeting (Lunch)
 Board of Governors
 CRC
 Chapter Meeting (Lunch)
 Board of Governors
 ASHRAE Annual Conference

Location

LaFortune Golf Course
 McNellie's South City
 Tulsa Country Club
 McNellie's South City
 Tulsa Country Club
 McNellie's South City
 Tulsa Country Club
 McNellie's South City
 Tulsa Country Club
 McNellie's South City
 Orlando, Florida
 Tulsa Country Club
 McNellie's South City
 Tulsa Country Club
 McNellie's South City
 Houston, Texas
 Tulsa Country Club
 McNellie's South City
 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	duaneh@aaon.com
President Elect	Claire Farr	918-279-6450	cfarr@es2ok.com
Treasurer	Steve Uerling	918-836-0271	steve.uerling@leeandbrowne.com
Secretary	Keith Averitt	918-624-1005	kaveritt@eei-ok.com

Board of Governors

BOG	Brian Biggerstaff	918-219-4030	bbiggerstaff@eei-ok.com
BOG	Dan Owens	918-270-1414	owens.d@mcintoshok.com
BOG	Ray Gomez	918-584-0102	gomez@phillipsgomez.com
BOG	Mike Beda	918-706-8309	mikebeda1945@yahoo.com
BOG	Steve Johnson	918-935-1266	sjohnson@ocem.us.com

Committee Chairs

CRC Delegate	Nolan Chance	918-877-6000	nolanc@midwestmachinery.net
CRC Alternate	Duane Harman	918-382-6173	duaneh@aaon.com
Attendance/Reception	Pam Dunlap	918-587-4747	pbdunlap@matrixae.com
Audit	Chad Smith	918-665-6600	chad@airetechcorp.com
CTT/Programs	Matt Simmons	918-258-6890	msimmons@eda-fki-engineers.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
Invocations	David Lam	918-250-5590	david.lam@omnimechanical.net
K-12 STEM	Cheyenne Reynolds	918-224-6560	creynolds@sapulpaps.org
Membership Promotion	Eric Mulliniks	918-382-6432	ericm@aaon.com
Newsletter	Claire Farr	918-279-6450	cfarr@es2ok.com
Nominating	Joel Karsetter	918-665-3974	ikarstetter@abscompanies.com
Publicity / Social Media	Kristin Long	918-382-6276	kristinl@aaon.com
Research Promotion	Kristin Long	918-382-6276	kristinl@aaon.com
Special Events Co-Chair	Duane Harman	918-382-6173	duaneh@aaon.com
Special Events Co-Chair	Kristin Long	918-382-6276	kristinl@aaon.com
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Student Activities	Jacob Koch	918-836-0271	Jacob.Koch@Leeandbrowne.com
Sustainability	Stephanie Shaulis	918-858-4942	sshaulis@thgenergy.com
Webmaster/ECC	Matt Petersen	918-282-7731	petersenmatthewe@gmail.com
YEA	Jason Blair	918-232-7654	jblair@harrisonenergy.com

This newsletter describes the activities of ASHRAE Chapter 069 of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE). It does not present official positions of the Society nor reflect Society policy.