Preparation for Cancun and CRC!

The ASHRAE Region VIII CRC in Cancun is quickly approaching. With the Mexico City chapter hosting and choosing Cancun as their host site, it might seem like a lot of fun and games, but we are hard at work prepping for CRC. The regional conference is an important event where our chapter is able to participate and vote on motions that are introduced to the region, nominations for our regional and society level officers, the general business meeting takes place and each chapter submits their yearly report, Golden Gavel report and presents their yearly recap at the business meeting.

Throughout the year we have different metrics that are used to track our progress as a chapter against our peer chapters. Two big metrics that are used are Presidential Award of Excellency points (PAOE) and our Research Promotion goal. Each year our chapter places in the top 3 in PAOE points and is always in the top three for dollars raised per ASHRAE member, at $202 per member. There are some strong competitors for the Golden Gavel award this year, but consider this chapter year a success regardless of winning the award or not.

To finish out the year we have our upcoming May 2nd chapter meeting. We will DL Tim Wentz presenting to our chapter on upcoming energy trends. Also, in attendance will be Jon Symko who is the RVC for Region VIII. Again, we have some very prestigious guests who will be visiting our chapter. I urge all of you to come to the meeting to close out the chapter year strong and to also show our support for our honored guests.

I look forward to seeing you all at the April meeting!

Thanks,

Nolan Chance

Nolan Chance
2018-2019 Chapter President
nolanc@midwestmachinery.net
CHAPTER TECHNOLOGY TRANSFER

By Andrew Sneed

Thank you to all who came out to our last meeting. Hopefully everyone learned something they didn’t about ASHRAE’s Building Energy Quotient (bEQ) program from Hoy Bohanon. We end our meeting slate with the upcoming May meeting, where our third consecutive ASHRAE Distinguished Lecturer Tim Wentz will be presenting on “Back to the Future – The Future of Our Industry in 2030.”

Tim Wentz, PE, HBDP is an Associate Professor of Construction Management at the University of Nebraska – Lincoln, where he teaches a wide spectrum of courses, including environmental systems, mechanical estimating, mechanical project management, professional practice/ethics and the senior capstone course. Tim’s professional focus is in teaching and undergraduate education, where he has participated in numerous committees and initiatives. Tim has served the Society in many different capacities. He started his ASHRAE career in 1976 after graduating from the University of Nebraska and worked in a grassroots capacity for many years. He is a past president of the Nebraska Chapter, past RVC of Student Activities for Region IX, past DRC of Region IX and as Society president in 2016-2017.

Tim also serves as Faculty Advisor of the Mechanical/Electrical Specialty Contractors (MESC) student chapter, which is an umbrella student chapter co-sponsored by ASHRAE, the Mechanical Contractors Association of America (MCAA) and the National Electrical Contractors of America (NECA). He received an ASHRAE Technology Award in 1987, Region IX Chapter President of the Year, Region IX Hall of Honor in 2005, E. K. Campbell Award of Merit for Teaching in 2000, the Distinguished Service Award in 2013 and the Exceptional Service Award in 2015. Tim was named an ASHRAE Fellow in 2005.

Please make sure you RSVP for the May meeting if you haven’t already as we expect a good crowd. The details are: May 2nd, 11:30am, Tulsa Country Club 701 N. Union Ave.

As this year comes to a close for technical topics, it’s not too early to start looking forward to next year. If you have a topic you’d like to see presented on or a potential speaker in mind, feel free to reach out to me at the information below.

A reminder that the best rates for this summer’s Annual Meeting in Kansas City end soon. Visit https://www.ashrae.org/conferences/annual-conference to learn more.

Finally, if anyone is looking to add a few more initials behind their name by getting an ASHRAE Certification, or would like to attend some upcoming formal ASHRAE training, links with additional information can be found below.

https://www.ashrae.org/professional-development/learning-portal/instructor-led-training
https://www.ashrae.org/professional-development/ashrae-certification

Andrew Sneed
918.584.0102
sneed@phillipsgomez.com
ASHRAE offers many certification programs to both members and non-members. With the newly added Certified HVAC Designer (CHD) there are a total of seven certifications available. The other certifications include: High-Performance Building Design Professional (HBDP), Building Energy Modeling Professional (BEMP), Building Commissioning Professional (BCxP), Healthcare Facility Design Professional (HFDP), Building Energy Assessment Professional (BEAP), and Operations & Performance Management Professional (OPMP).

ASHRAE Certification programs are a great resource that validates your level of specialized knowledge as well as differentiates you from your peers. The value for certification earners doesn’t just stop at them. There is also value provided for building owners. Knowing that they have hired a subject matter expert for their job will lead to increased confidence in the success of their projects. Employers also find value in hiring and retaining certified professionals. Employees that pursue certification often realize greater job satisfaction and a more clear and value-added professional development path.

Becoming certified is easy and generally involves an application and certification by exam. I encourage anyone interested in certification to check out the website and ASHRAE to learn more about how certification can help you.

https://www.ashrae.org/professional-development/ashrae-certification
HONORS & AWARDS

By Mike Beda

The 2019 CRC in Cancun was like ‘another day in paradise’. The Mexico City Chapter put on an excellent event that was enjoyed by all. For those that attended, we played and worked hard.

Our Chapter Service Award entry was approved by the Delegates and was sent on the Society to very points. If all goes well for our candidate, there will be a certificate awarded at the 2020 CRC in Houston next spring.

The 2019 CRC awarded Chad Smith the Regional Award of Merit at the Awards Luncheon on Saturday. Congratulations, ‘CHAD’. Chad is currently the Regional Vice Chair of the Society Government Affairs Committee.

I also wear another ASHRAE hat. It is the Chair of the Honors & Awards Committee for Region VIII. It was my privilege and honor to present the awards for this year’s Region VIII ‘Hall of Fame’ winners at the 2019 CRC. The inductees are as follows: Frederick Giesecke – ASHVE Society President 1940/41. Reginald Taylor – ASHVE Society President 1953/54. Morris Backer – ASHRAE Society President 1978/79. Damon Gowan – ASHRAE Society President 1990/91. The first two gentlemen were educators at Texas A&M University and founding members of the Houston Chapter. The last two recipients were Houston Chapter presidents and Directors and Regional Chairs of Region VIII.

TREASURER REPORT

By Claire Farr

Please see our chapter’s current Net Worth report, and thank you for your continued support of ASHRAE!
SPECIAL EVENTS

NEOK ASHRAE SHOTGUN EVENT!

Let's Go Shooting
Come enjoy having lunch with us, followed by an afternoon of clay shooting at the Red Castle Gun Club. This event is hosted by the NEOK Chapter of ASHRAE to benefit Research and Scholarship. The Tulsa Red Castle Gun Club is the most complete shooting range facility in Oklahoma and is located on a portion of the equally beautiful John Zink Ranch.

The competition consists of 60 target Sporting Clays + 40 target group Flurry. There will be a gate attendant to let everyone in, please do not call the ranch. If you would like to join us for lunch only, the cost is $25.

**What to Bring**
- 12 or 20 gauge shotgun
- 100+ shells of 7 or 8 shot
- Ear and Eye protection

For more info email: rdunkerson@es2ok.com

**WHERE:** Tulsa Red Castle Gun Club – Shotgun Range
Rock School Rd. & Zink Ranch Road in Sperry, OK 74073
Phone: (918) 430-6793

**WHEN:**
- **Friday May 17th**
  - 12:00 Registration & Lunch Followed by Safety Briefing
  - 4:00 Awards Presentation

**COST:** $100.00 each participant if registered by May 11th

$110.00 after May 11th

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Check #

Squad Members

1

2

3

4

Mail to: NEOK ASHRAE
P.O. Box 52746 Tulsa, OK 74152
Or email to rdunkerson@es2ok.com

Ryan Dunkerson
918.430.6793
rdunkerson@es2ok.com
History of the Golden Gavel Award:
This article has been run several times, but it explains why you hear so much about PAOE points and premier award, etc. because every chapter president in Region VIII is working to win this award.

During the ASHRAE winter meeting in Columbus OH in 1968 William Collins of Oklahoma City; George Meffert Past Regional Chairman of Dallas TX and Jack Thompson, Regional Chairman of Dallas TX had several lengthy discussions concerning ways of stimulating chapter activities in Region VIII. From these discussions evolved the Golden Gavel Award, which would be presented each year to the region VIII Chapter that excelled in chapter activities for that society year. Collins and Thompson formulated the award criteria, which has been revised as areas of interest have increased.

The award consists of a golden gavel lapel pin for the chapter president, and emblematic patch for the chapter’s award banner, and a golden gavel for the chapter to use during the coming society year. For the President’s lapel pin, as designed by Mr. Collins, the President’s diamond past president pin is sent to a jeweler to affix a miniature gavel of gold to the bottom of the pin. The Golden Gavel Past President lapel pin, is given to the winning President, and is a much coveted reward for his efforts as the chapter leader.

The chapter gavel was purchased by Mr. Collins on which is inscribed the ASHRAE insignia and Region VIII. This gavel is passed from chapter to chapter each year according to the new winner. The Golden Gavel Committee that judges the winner each year is appointed by the director and regional chairman (DRC) and consists of presidential member William Collins as honorary chair, (who became Society President 1974-75) two past DRC’s, one of whom is chair, five past presidents, an alternate DRC and an alternate past president. The judging is based on several areas of chapter activity including members attending CRC, membership promotion, research promotion, education committee promotion, chapter newsletter and roster, and member attendance at chapter meeting.

At the Region VIII CRC in Houston, TX April 1970, Society President – Elect Frank Bridgers, Albuquerque, NM was so impressed by the effects of the Golden Gavel competition among the region VIII chapters that he conceived the idea of the Presidential Award of Excellence. In January of 1971, at the winter society meeting, Bridgers announced his “Award of Excellence” for the coming society year. This award has the same enthusiasm and activity among chapters throughout the society.

(Continued on page 7)
(Continued from page 6)

When you really absorb all of this you realize how much region VIII has been involved in ASHRAE and why it is so important that we continue to maintain our work in ASHRAE.

It took our chapter 13 years to win the first **Golden Gavel Award**, which was Chick Morse. Since then eight presidents have been able to win this award, they are;

1985-86 ------------------------------------------ Charles “Chick” Morse
1993-94 ------------------------------------------ Ronald Huntley
1996-97 ------------------------------------------ Mark Hixon
1998-99 ------------------------------------------ Gene Redford
1999-00 ------------------------------------------ Keith Browne
2001-02 ------------------------------------------ Bill Hanlon
2005-06 ------------------------------------------ Joel Karstetter
2007-08 ------------------------------------------ Nancy Mack
2015-16 ------------------------------------------ LeAnna Reynolds

As you can see our chapter presidents have always had some pressure not only to win the Golden Gavel Award, but for sure not to lose winning the PAOE Award (Presidential Award of Excellence). Remember NEOK chapter, is one of two chapters in society to have won the Presidential Award of Excellence” since it was started in 1971.
BOG MEETING MINUTES

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069  Meeting Date: February 13, 2019
Meeting: February 2019 Chapter Meeting  Compiled By: Steve Uerling

Attendance: 48

- The NEOK February Chapter Meeting was held at Tulsa Country Club.
- Chapter President Nolan Chance called the meeting to order at 6:40.
- Mike Beda led the Pledge of Allegiance and gave the invocation.
- Andrew Sneed introduced the speaker, ASHRAE Society President Sheila Hayter. Ms. Hayter gave a presentation called “Building a New Energy Future.”
- Paul Oman acknowledged Aaon’s Platinum Circle contribution of $20,000 to ASHRAE Research. Paul next acknowledged Bill Harrison (former Society President) for Harrison Energy Partners’ contribution of $2500 to ASHRAE Research.
- Jay Litchfield once again ran a successful Spouses Night auction to raise money for ASHRAE research and scholarships.
- Nolan adjourned the meeting at 8:07 and reminded everyone to turn in their badges.

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069  Meeting Date: March 6, 2019
Meeting: March 2019 Chapter Meeting  Compiled By: Steve Uerling

Attendance: 36

- The NEOK March Chapter Meeting was held at Tulsa Country Club.
- Chapter President Nolan Chance called the meeting to order at 11:40.
- Nolan Chance led the Pledge of Allegiance and gave the invocation.
- The $50 RSVP raffle was won by Ray Gomez.
- Gene Redford did the half pot drawing with no winner, so the pot carries over to next meeting.
- Mike Beda presented NEOK ASHRAE’s first Chapter Hall of Fame Class (bios below). Rick Shoemaker and Richard Shoemaker IV accepted on behalf of the late Richard Shoemaker Sr. Keith Browne accepted on behalf of the late Jack Tumilty. Gene Redford accepted on behalf of Chick Morse.
- Andrew Sneed introduced the speaker, ASHRAE Distinguished Lecturer Jim Vallort. Mr. Vallort gave a presentation titled “Primary Heating/Cooling Plant Strategies & How to Maximize the Energy and Financial Savings.”
- Nolan announced a “Day on the Hill” event to be held March 12, and BOG meeting March 14. CRC will be April 11-13.
- Nolan adjourned the meeting at 1:00 and reminded everyone to turn in their badges.

(Continued on page 9)
ASHRAE NEOK 2019 CHAPTER ‘HALL OF FAME’ AWARD Inductees:

Richard Shoemaker, Sr, PE  3rd chapter president 1951/52
Jointed Father, Forest Shoemaker in 1946 with a mechanical engineering degree from Purdue University. Registered PE in 1963. Son, Rick, Jr and Grandson Richard III are still active in the family business. Richard, Sr has passed away.

Jack Tumilty, PE  11th chapter president 1959/60
Graduated mechanical engineering from University of Oklahoma in 1946 and joined Collins Engineering, OKC, in 1951 and was registered in 1952. He move to Tulsa in 1952 with Collins Engineering and later became VP of the company. Jack serviced as the first Chair of ASHRAE’s first energy Standard 90 and was on the committee from 1974 thru 1980. His ASHRAE awards include Chapter Service, Regional Award of Merit, Distinguished Service, ASHRAE Fellow and Distinguished 50 Year Member. Our chapter honors Jack’s name with the Jack Tumilty Scholarship Award. Jack has passed away.

Charles (Chick) Morse, III,  37th chapter president 1985/1986
Jointed Gulf Oil Company in 1952 after 4 year of military service. Jointed Process Equipment Company, in sales, in 1966 thru his retirement in 2000. He is NEOK’s Chapter first Golden Gavel winner as chapter president. Chick’s other awards include Chapter Service, Regional Award of Merit, Distinguished Service and Distinguished 50 Year Member Award. Chick served the Region as Alternate and Delete of the Society Nominating Committee. He also served on the Society Research Promotion Committee as Regional Vice-Chair and as Chair of the Committee. Chick is still a member of our chapter and resides in the Cleveland, Ohio area.

(Continued on page 10)
BOG MEETING MINUTES

(Continued from page 9)

Recording of Minutes

Chapter: Northeastern Oklahoma Chapter 069
Meeting: April 2019 Chapter Meeting
Meeting Date: April 4, 2019
Compiled By: Steve Uerling

Attendance: 31

- The NEOK April Chapter Meeting was held at Tulsa Country Club.
- Chapter President Elect Paul Oman called the meeting to order at 5:33.
- Paul led the Pledge of Allegiance and gave the invocation. Four different scholarship recipients were in attendance, and Paul had them stand and be recognized. Paul mentioned CRC next weekend in Cancun and an upcoming chapter sporting clay event to be announced soon.
- The $50 RSVP raffle was won by Gene Redford.
- Gene Redford did the half pot drawing with no winner, so the pot carries over to next meeting.
- Keith Browne presented the Tumilty Scholarship winners. There are three in one year for the first time ever: Jackson White from Regent Prep School, Newton Quach from Broken Arrow HS, and Caleb Freese from Metro Christian Academy.
- A Society Scholarship of $5000 went to OSU Tech student Landon Fisher.
- Mike Beda announced ballots for next year’s chapter officers.
- Andrew Sneed introduced the speaker, ASHRAE Distinguished Lecturer Hoy Bohanon. Mr. Bohanon gave a presentation titled “ASHRAE Building Efficiency Quotient.”
- Paul adjourned the meeting at 7:37 and reminded everyone to turn in their badges.
WEBMASTER/ECC

Get trained up!

ASHRAE is organizing the 3-day HVAC Design: Level I – Essentials in Austin, TX on May 20-22. If you are anywhere near the Austin area, you don’t want to miss this opportunity to brush up on HVAC Design. Go over to our chapter web site for more information, or drop a line to Brian Haynes (ASHRAE Product Support Specialist) to get all the details about attending this very valuable session.

For more information on Region VIII happenings, head on over to the Region VIII Blog! https://www.ashraeregion8.org/region-news
STUDENT ACTIVITIES

By Keith H. Browne

Jack E. Tumilty Scholarship

The 2019 Jack E. Tumilty Scholarship was awarded at the April chapter meeting. The scholarship has a value of $1000 and is given annually to a high school senior entering the study of mechanical engineering in the fall. This year marked the eleventh year for awarding the Tumilty Scholarship. Three applications were received this year and all candidates were highly qualified with outstanding academic achievements, exemplary community service, and displayed good moral character. For the first time, the scholarship committee decided to award scholarships to all three applicants because of their outstanding qualifications. This year’s recipients were Jackson White, a student at Regent Preparatory School; Newton Quach, a student at Broken Arrow High School; and Caleb Freese, a student at Metro Christian Academy. All of them have un-weighted GPA’s between 3.93 and 3.98 and weighted GPA’s well above 4 points. Their ACT scores were between 31 and 35. To fulfill their goals of becoming mechanical engineers, Jackson has decided to attend John Brown University, Newton has decided to attend Oklahoma State University, and Caleb has decided to attend the University of Tulsa. We wish Jackson, Newton, and Caleb well in their pursuit of degrees in mechanical engineering and encourage them to consider the HVAC profession as a lifetime career.
STUDENT ACTIVITIES

By Jacob Koch

Jacob Koch here with a Student Activities update. The Tumilty Scholarships was awarded to three local high school students interested in mechanical engineering. Jackson White, Caleb Freese, and Newton Quach were awarded $1000 dollars through the scholarship foundation. This is the first time NEOK has awarded three scholarships. Keith Browne graciously contributed money to fund the extra scholarships. The students are fine examples of future engineers.

Jackson White is graduating from Regent Preparatory School with a 4.11 GPA and 33 on the ACT and is a national merit finalist. He is attending John Brown University in the fall. He enjoys golfing, basketball, and tinkering with bikes and making potato guns.

Caleb Freese is graduating from Metro Christian Academy with a 3.98 GPA and 1500 on the SAT and is a national merit finalist. He is a debate captain and national honor society vice president. He is attending the University of Tulsa in the fall. He enjoys basketball and soccer.

Newton Quach is a student at Broken Arrow High School with 3.95 GPA and 1300 on the SAT. He is attending Tulsa Tech Pre Engineering Academy and plans to attend Oklahoma State in the fall with a double major of Aerospace and Mechanical engineering.

Congratulations!

Jacob Koch
918.836.0271
Jacob.Koch@LeeandBrowne.com
YEA

May 2, 2019
Happy Hour 5:00pm - 7:00pm
Ball Game 7:05 - end

Happy Hour @ Elgin Park 325
Matthew B. Brady st. 74120 Tulsa, OK

Thirsty Thursday @ ONEOK Field
201 N. Elgin 74120 Tulsa, OK

Jason Blair
918.232.7654
jblair@harrisonenergy.com
# NEOK Booster Ticket Application

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**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
### 2018/2019 Calendar of Events

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<td>September 7, 2018</td>
<td>Board of Governors</td>
<td>Tulsa Country Club</td>
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<td>September 20, 2018</td>
<td>Golf Tournament</td>
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<td>October 3, 2018</td>
<td>Chapter Meeting (Lunch)</td>
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<td>January 17, 2019</td>
<td>Chapter Meeting (Lunch)</td>
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<td>January 13-16, 2019</td>
<td>ASHRAE Winter Meeting</td>
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<td>February 6, 2019</td>
<td>Chapter Meeting (Dinner)</td>
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<td>National E-Week</td>
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<td>April 25-28, 2019</td>
<td>CRC</td>
<td>Cancun, Mexico</td>
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<td>May 2, 2019</td>
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<td>May 17, 2019</td>
<td>Spring Shooting Event</td>
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<td>June 8, 2019</td>
<td>YEA Poker Night</td>
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<td>June 22, 2019</td>
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<td>June 22-26, 2019</td>
<td>ASHRAE Annual Meeting</td>
<td>Kansas City, MO</td>
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### 2018/2019 NEOK PAOE Points

![Graph showing NEOK PAOE Points](#)
## 2018/2019 Chapter Volunteers

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<tr>
<td>President</td>
<td>Nolan Chance</td>
<td>918-664-0312</td>
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<tr>
<td>President Elect</td>
<td>Brady King</td>
<td>918-493-2712</td>
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<tr>
<td>Treasurer</td>
<td>Claire Farr</td>
<td>918-279-6450</td>
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<tr>
<td>Secretary</td>
<td>Steve Uerling</td>
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<td>Keith Averitt</td>
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<td>Dan Owens</td>
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<td>BOG</td>
<td>Ray Gomez</td>
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<tr>
<td>BOG</td>
<td>Mike Beda</td>
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<td>CRC Delegate</td>
<td>Matt Petersen</td>
<td>918-599-4120</td>
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<td>CRC Alternate</td>
<td>Nolan Chance</td>
<td>918-877-6000</td>
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<td>Attendance/Reception</td>
<td>Pam Dunlap</td>
<td>918-587-4747</td>
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<td>Audit</td>
<td>Chad Smith</td>
<td>918-665-6600</td>
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<td>CTT/Programs</td>
<td>Andrew Sneed</td>
<td>918-584-0102</td>
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<td>GGAC</td>
<td>Todd Lester</td>
<td>918-877-6000</td>
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<td>Graphic Designer</td>
<td>Elaine Claxton</td>
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<td>Christina Liu</td>
<td>973-349-2225</td>
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<td>Historian</td>
<td>Gene L. Redford</td>
<td>918-346-0444</td>
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<td>Honors &amp; Awards</td>
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<td>Invocations</td>
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<td>K-12 STEM</td>
<td>Cheyenne Reynolds</td>
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<td>Membership Promotion</td>
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<td>Newsletter</td>
<td>Melissa Manjarrez</td>
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<td>Nominating</td>
<td>Joel Karstetter</td>
<td>918-665-3974</td>
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<td>Publicity / Social Media</td>
<td>Will Karstetter</td>
<td>918-877-6000</td>
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<td>Refrigeration</td>
<td>Research Promotion</td>
<td>Paul Oman</td>
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<td>Special Events Co-Chair</td>
<td>Duane Harman</td>
<td>918-430-6793</td>
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<td>Special Events Co-Chair</td>
<td>Ryan Dunkerson</td>
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<td>Student Activities</td>
<td>Jacob Koch</td>
<td>918-836-0271</td>
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<td>Sustainability</td>
<td>Stephanie Shaulis</td>
<td>918-858-4942</td>
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<tr>
<td>Webmaster/ECC</td>
<td>Justin Stonehocker</td>
<td>918-279-6450</td>
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<td>YEA</td>
<td>Jason Blair</td>
<td>918-232-7654</td>
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