



Central Oklahoma Chapter

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www.ashraecok.org

Sou'Wester

Monthly Newsletter of the Central Oklahoma Chapter



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UPCOMING EVENTS

- 10/05/2016 Chapter Meeting: "The Status and Future of Current and Next Generation Refrigerants by Ryan Geister from Trane
50 Penn Place, 3rd Floor; 11:30 Lunch
- 11/02/2016 Chapter Meeting:
Topic and Speaker TBA
50 Penn Place, 3rd Floor, 11:30 lunch
- 12/07/2016 Chapter Meeting:
Spouse Dinner
TBA for Location
- 1/04/2017 Chapter Meeting:
Topic and Speaker TBA
50 Penn Place, 3rd Floor; 11:30

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ASHRAE COK 2016-2017

President's Message

By: Trapper Wilson

Our year is well under way and so far, we've had some great events. First I want to thank everyone who participated in the golf tournament. We had 26 teams, great weather, great food, and a lot of fun. In addition, it was a very successful fundraising event. We raised around \$20,000 for Research Promotion and Scholarship!!! Thank you again to all of the participants and sponsors.

Just two days after our golf event we had our first Chapter meeting of the year. Eli Howard, Executive Director of Technical Services for SMACNA, shared with us some of the new SMACNA Standards that have just been released or will be this year. He also explained how SMACNA develops their standards and demonstrated some online tools that SMACNA has to offer. I've posted the link to the SMACNA tools below. If you are involved in duct design, construction, testing, or inspection I highly recommend you visit this site and look at the tools available from SMACNA. I want to thank Nathan Dills, SMACNA Board Member and owner of ACP, for bringing this opportunity to us.

<https://www.smacna.org/technical/browse/tools-cad-apps>

The October Chapter meeting should be something that everyone is interested in. Ryan Geister will be discussing the topic of Refrigerants and the timeline of the upcoming changes. In addition, he will discuss the impact those changes can or will have on equipment, design strategies, and system efficiency in the coming years.

Finally, at the October Chapter meeting will have volunteer signup sheets for some of the committees. The respective committee chairs will be available to discuss opportunities and needs, or just general information about their committee. Please think about your ability to participate in some of the committee functions to help promote ASHRAE and our Chapter.

Sincerely,

Trapper Wilson

ASHRAE COK President 2016-2017



Trapper Wilson
2016-2017 President



Chapter Technology Transfer (CTT)

By: Andy Donehue

We are excited to have Ryan Geister in to speak at the October 5 Chapter meeting. Ryan Geister is the Applied Systems Leader for Trane, a brand of Ingersoll-Rand. During his 20 year tenure, Ryan has held various roles supporting the Trane portfolio of chillers with increasing responsibilities. As the Applied Systems leader, he is focused on advancing a strategy to drive system solutions for customers. This includes developing tools and improving the effectiveness of the Trane selling organization by expanding systems knowledge and capabilities to influence consulting engineers and technical decision makers. Ryan serves on the Ingersoll Rand Refrigerant Strategy Committee. He has led and continues to support the Global Product Network for Trane chiller portfolios. Currently, Ryan is the chairman of the AHRI (Air-Conditioning, Heating & Refrigeration Institute) Chiller Section Committee and a member of the AHRI Board of Directors. Ryan is an ASHRAE Journal author and has spoken at annual meetings during his 20 years as an ASHRAE member.

The topic is the status and future of current and next generation refrigerants. "Ever since the Montreal Protocol meetings began regulating CFCs in the 1980s, refrigerant rules and acceptability continue to evolve. Since then, there has been an increased focus and accelerated timing on regulations for all fluids that are being used today in the HVAC industry. This persistent churn generates confusion— what's in, what's out, and what's coming? At the same time, the market has been demanding equipment, design strategies and control methods that result in the highest levels of efficiency— will the new fluids hinder or enhance that efficiency? The next-generation of fluids represents new challenges for providing the highest performing HVAC equipment; besides efficiency they may also challenge the industry's expectations for safety and flammability. This presentation separates fact from fiction, and discusses why, when, and how the industry will face the coming refrigerant transitions.

If you have any ideas for events, want to get involved, or if you want to sponsor an event please contact me. I can be reached at 405-317-0552 or andy.donehue@trane.com.





Social Media ... Follow Us!

#ASHRAEcok

By: Madison Schultz



We are very excited for the new ASHRAE year to start! Join us on social media to follow chapter activities, history, and fun facts. Post pictures of your ASHRAE activity using the #ASHRAEcok hashtag.

Hashtag of the month: #ASHRAEcok



Facebook.com/ASHRAEcok



Instagram.com/ASHRAEcok



Twitter.com/ASHRAEcok



Linkedin.com/companies/ashraecok (Note: Our LinkedIn account has changed!)

Madison Schultz can be contacted at 405-416-8205 or madison.schultz@guernsey.us.

Central Oklahoma ASHRAE Rosters

Did you know we have an online roster with listings of members and companies on the website? Please let John Semtner know if any information needs to be updated.

Members Directory: <http://ashraecok.org/directory.php>

Company Roster: http://ashraecok.org/content.php?page=Company_Roster



2015 rosters may be downloaded using the link below, or contact Trapper Wilson for a hard copy.

http://ashraecok.org/images/downloads/Miscellaneous/2014_ashrae_roster_final.pdf

YEA

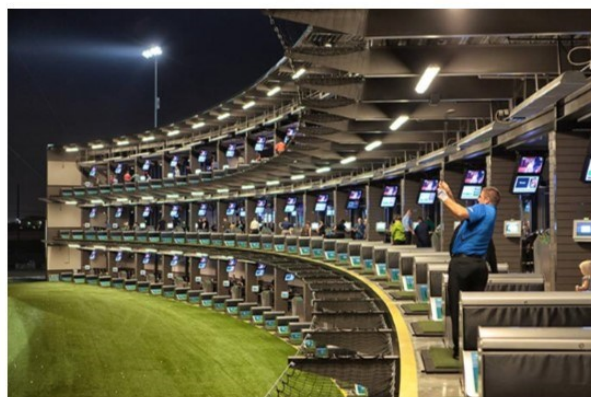
By: Caleb Spradlin



This year's first YEA event will be held at TOP Golf. I'd like to thank Andy Donahue and Trane for sponsoring our first event. Look for an email in the near future with more details about the event. I encourage all YEA members to come. It is a great way to meet other people in our industry.



ASHRAE YEA Central Oklahoma Chapter



Brought to you by  **TRANE®**

Thursday, October 13th

3:00 PM - 5:00 PM

Top Golf Oklahoma City

Includes: 2 Hours of Top Golf, Drinks, and Appetizers.
Come out and Support our Young Engineers in ASHRAE!

To RSVP contact Caleb Spradlin (Chapter YEA Chair) at
cspradlin@moxifyllc.com

If you want to get involved or would like to sponsor an event, I can be reached at [405-470-3237](tel:405-470-3237) or cspradlin@moxifyllc.com. Sponsorship for an event is \$250.

If you would like more information about YEA, please contact me or go to www.ashrae.org/YEA.



Student Activities

ASHRAEcok at OU

By: Madison Schultz

Our second Student Activities event was at OU on October 3. We spoke to the OU Student Branch about ASHRAE and prepared for the career fair and job hunts. We had about a dozen very engaged students in attendance. I would like to thank Trapper Wilson and Robert Smith for attending the event with me.

Our next SA event is in association with our Distinguished Lecturer visit in November. We will be visiting the OU Student Branch on November 1 and the OSU Student Branch on November 2. If any chapter members would like to join us, let me know!

We are always looking for more ASHRAEers to join SA as regular committee members or one-time volunteers. If you want to get involved with SA or sponsor an upcoming event, please contact me at 405-416-8205 or madison.schultz@guernsey.us.





Membership Promotion

By: Daniel Brazeale

“How you benefit from your ASHRAE Membership”

Now that I have two years under my belt I know what to expect this upcoming year. Unfortunately we're going to have more members falling off than in years past. With that said please send me any potential leads you have for membership. In order to drum up more interest I challenge each of you to bring a different guest (Non-Member) to each meeting throughout the year.

There are endless benefits from joining ASHRAE! As you'll see this coming year one of the largest benefits is the ability to network and connect with peers and colleagues in our marketplace. Another benefit that isn't as well known is access to valuable information. ASHRAE provides discounts to members on literature in the ASHRAE bookstore, develops Standards for our industry, and publishes the ASHRAE Journal every month with technical features. Not to mention they send an updated copy of the ASHRAE Handbook (Rotating between Refrigeration, Fundamentals, HVAC Applications, and HVAC Systems and Equipment) each year. Ultimately taking advantage of all the benefits ASHRAE has to offer will help you grow personally and professionally.

We would like to recognize our newest members.

Tanner Jones – Associate
Jordan Miller – Associate – Student Transfer!
Pedro Perez – Associate – Student Transfer!
Vitalii Sorohynskyi – Associate
Steven Chesna – Associate
Jeremy Gardner – Associate

Members that have joined but have been members in the past

Terry Baker – Member
Michael Taras - Member
Cory D Toole, PE – Associate

Let's make sure we're keeping our roster updated. Please let me know if someone you know has moved out of our chapter, left the industry, or has passed away. Additionally, if you need help registering for membership, renewing your membership or simply want to chat feel free to email or call.

Daniel Brazeale can be reached at 405-464-3677 or dbrazeale@eei-ok.com



**Research Promotion*****Contributions***

By: Chris Dolan



Thank you to all of the individuals and organizations that allowed us to exceed our RP goal last year! Our goal this year is to have close to 100% participation from the chapter members. We will also be introducing a new event to our schedule.... A Poker Tournament! More details to follow, but start practicing up on your Texas Hold 'em skills! The golf tournament is already full! We look forward to seeing everyone at Kickingbird September 12. Even if you aren't playing, please come by and participate in the putting contest or the silent auction. If you didn't get a chance to be a sponsor in the golf tournament, you will have another chance during the Second Annual Sporting Clays Event. If anyone would like to help coordinate this event, please let me know. I look forward to another great year for Research Promotion, and thanks in advance for all of your donations.

Chris Dolan Office can be reached at 405-525-7722 or cdolan@eei-ok.com

Interested in ASHRAE literature? Click the link below...

[ASHRAE Bookstore](#)





Refrigeration

Region 8 CRC Award

By: Jason Keyes

As we begin a new ASHRAE year I am looking forward another term as Refrigeration Chair. Each year I typically begin my duties by soliciting ideas from the membership for refrigeration tour ideas and guess what, this year is no different. With two great tours last year, one to the OSU central plant and another to the COOP Brewery, it will be difficult to top but here on the Refrigeration Squad we aim high! Please feel free to call or email with any suggestions you may have for a tour or tours this year. There has already been discussion of a food processing/cold storage facility and perhaps combining it with a YEA or other member event. My goal each year is to help make sure that the refrigeration tour is something our members can look forward to and come away feeling it was well worth their time. Help me help you and let me know what you think!

Jason Keyes can be reached at 405-948-1794 or jason.keyes@abscompanies.com



Honor & Awards

Recognized Service

By: Tino Mendez

We were recently notified that John Harrod's application for the elevation of his membership to the grade of FELLOW was approved by the ASHRAE Board of Directors at the Summer Meeting in St. Louis.

The presentation of his Certificate and Pin will take place at the next Winter Meeting in Las Vegas. This is a well deserved honor that recognizes a lifetime of achievement in the HVAC field, not on a single project but on several ones that had special significance.

Next time you see John, congratulate him on this milestone achievement in our profession.

Tino Mendez can be reached at 405-590-4479 or tinomendez@cox.net



Historian Message

The Life and Times of Louis C. Nettleship

By: Dusty Stoabs

Do you like history?

I am fascinated with history. One of my favorite things to do is look at old photos, and even better is to visit a place after I've learned about what went on there. It doesn't even have to be a well-known historical site. It can simply be driving by a house where someone grew up after I've learned about their life. There's a certain feeling you get when you see the very thing, even in a photo, that you've just learned all about. It doesn't even have to be a person or a place. It can be an object, such as learning all about a piece of equipment and then seeing it in real life. That feeling can be addictive. You can find yourself not even wanting to visit a site until you've had a chance to thoroughly read up on it just so you'll get that intoxicating rush of nostalgia when you get there.

Do you have a love for history? Maybe you do but don't really know how much because you haven't had an opportunity to study and publish an article of an historical nature. Well, ASHRAE can provide that opportunity to anyone who would like to do so. Being a member of the Historical Committee is open to anyone with interest. We have a wide variety of opportunities for you to contribute. The following are a few of the items we'd like to produce this year and we're looking for volunteers to take on any of these assignments. No need to get pre-approved or "authorized" by me. Just get out there and go!

- Leadership Recall Interview: Select someone you are interested in, in the HVAC&R industry, that resides within our chapter's general geographic area and ask them if you could interview them. People generally love to talk about their accomplishments and others love to read about them. Create a typewritten transcript of your conversation and turn it in to be published in our newsletter.
- History of a HVAC&R system, person, event, company, code or standard, etc.: The potential topics for this are endless, but, again, it should be something generally associated with our chapter's geographic area. For example, the history of a system could be on a pre-WWII cooling or heating system still in operation. Do the research and write a report. Lots of photos and illustrations make these types of reports really come alive. Detailed reports will be published on our website and could receive an award from ASHRAE Society. Short reports will be published in our newsletter under the history section.
- Tell a story at a Chapter meeting: Everyone likes hearing about the good ol' days. If you can prepare a 5 to 15 minute presentation, with visual aids, about something related to our chapter's history, put it together and let our President know you'd like to present it at a future chapter meeting.

We look forward to seeing what you come up with!

Dusty Stoabs, PE

ASHRAE Central Oklahoma Chapter Historian



In Memory of

James Norman Spaeth

February 1, 1921 - September 29, 2016

Obituary

James N. Spaeth, Passed away on September 29, 2016.

James was born and raised in Kansas City, Missouri to Ervin F. and Violet Spaeth, and grew up with five brothers and three sisters. He attended Holy Cross Catholic Elementary School, Northeast High School and Junior College.

During World War II, he came to Oklahoma City with his family for construction work at Tinker field and then joined the U.S. Navy to serve in the South Pacific on Ebye Island in the Kwajalein atoll in the Marshall Islands.

Before shipping out Jim met Patsey Davis in Oklahoma City and then married the love of his life on February 8, 1944 in Los Angeles, California and had over 68 years of wedded bliss. Jim and Patsey loved dancing, traveling, bowling, playing cards and entertaining family and friends. They raised a family of five children.

After the war Jim joined his father and brothers at Spaeth, Inc. and worked with them until his retirement in 1986. Jim was awarded a lifetime memberships in the American Society of Heating, Refrigeration, and Air Conditioning Engineers and the Association of Plumbing, Heating and Cooling Contractors.

Jim is survived by four children, Anita Goodale, Gary Spaeth, and Debbie Spaeth of Edmond and Mark Spaeth of Houston, Texas; sisters Inez Townsend of Columbus, Texas and Loretta Fairchild of Rogers, Arkansas; and grandchildren Grant Goodale and family of Edmond, Michelle and Elizabeth Spaeth of Houston, Shelly Richardson of OKC, and Riley Spaeth of Edmond; and 4 great grandchildren. Jim was preceded in death by his parents, five brothers and 1 sister, his oldest daughter Donna and two grandchildren Renee and Randy.

Evening Rosary prayer service will be held on October 4th at 6:30 pm at Hahn-Cook Funeral Home, 6600 N. Broadway Extension, OKC, OK, and a Mass of Christian burial will be celebrated on October 5th at 10am at St. Monica's Catholic Church, 2001 N. Western, Edmond, Oklahoma.

Kevin Spaeth, President
Spaeth, Inc.
2423 N. Oklahoma Ave.
Oklahoma City, OK 73105





Grassroots Government Activities

Government Affairs Update – October 2016

By: Byron Hughes

Non-US Government Affairs Activities

- US-China Announcement on Climate Change Mitigation
- Paris Climate Agreement Passes Key Milestone on the Road to Implementation
- New Developments on HFC Amendment to the Montreal Protocol

US Federal Legislative & Regulatory Activities

- President Obama Issues Memorandum Directing Federal Agencies to Take Into Consideration Climate Change and National Security Concerns
- ASHRAE Seeks Applicants for Engineering & Public Policy Internship

GGAC Regional and Chapter Activities

- US Conference of Mayors Adopts Energy Efficiency Resolution
- The US Conference of Mayors recently adopted a [resolution](#) in support of maintaining building energy codes the IECC 2015 level. The resolution, entitled “Moving America’s Model Building Energy Code on a Path of Steady Efficiency Improvements Toward Net Zero” opposes the adoption of proposals that roll back the 2015 IECC’s level of efficiency; and supports the adoption of the Energy Efficient Codes Coalition’s Builder Flex Points proposal and its recommended 5% boost in efficiency for the 2018 IECC. Additionally the resolution encourages municipal support for all eligible code officials to attend these hearings and to vote in favor of continued and future efficiency gains for America’s model energy code, the IEC
- California Governor Signs Legislation on Super Pollutants
- Massachusetts Governor Issues Executive Order on Climate Change

For more information, click [HERE](#).





Scholarship

By: Robert Smith

We are excited to offer two \$1,500 scholarships this year! The scholarship opens on October 1, 2016 and closes on December 1, 2016. Students must first sign up at www.occf.org/schloarships and then apply at www.offc.org/ashrae. To be eligible you must be enrolled at a university or college in the state of Oklahoma, completing a graduate or undergraduate (4-year) engineering degree program related to HVACR. Graduate students may be enrolled part-time; undergraduates must be enrolled as a full-time student. A cumulative GPA ≥ 2.5 on a 4.0 scale. Preference will be given to current ASHRAE student members at schools in the chapter's boundaries as well as Oklahoma residents and U.S. citizens.

We are also looking for anyone that would like to be involved in the Scholarship Committee. I personally am looking forward to a great year. For additional information please contact me at rsmith@eei-ok.com or 405-627-5941.

Sincerely,

Robert Smith
ASHRAE COK Scholarship Chair 2016-2017



2017 CRC Committees

**We are still looking for CRC committee volunteers.
Please contact Joe Sanders for more information.**

CRC Secretary	Registration	Off Site Events/Marketing
Companions' Activities	Sponsorships	Hotel Coordinator
IT/AV	Tech Sessions	Marketing
Golf Outing	Transportation	VIP Host

Upcoming Meetings and Events

Date	Event	Location	Topic	Presenter
10/03/16	BOG	Juniors of OKC 2601 NW Expressway Oklahoma City, Ok 73112	Monthly Board of Governors Meeting	
10/05/16	October Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	The Status and Future of Current and Next Generation Refrigerants	Ryan Geister, Trane
11/02/16	November Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	TBA	TBA
11/07/16	BOG	Juniors of OKC 2601 NW Expressway Oklahoma City, Ok 73112	Monthly Board of Governors Meeting	
12/05/16	BOG	Juniors of OKC 2601 NW Expressway Oklahoma City, Ok 73112	Monthly Board of Governors Meeting	
12/07/16	December Meeting	TBA	Spouse Dinner	TBA
1/04/17	January Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	TBA	TBA

Upcoming Meetings and Events (continued)

Date	Event	Location	Topic	Presenter
1/09/17	BOG	Juniors of OKC 2601 NW Expressway Oklahoma City, Ok 73112	Monthly Board of Governors Meeting	
2/01/17	February Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	TBA	TBA
2/06/17	BOG	Juniors of OKC 2601 NW Expressway Oklahoma City, Ok 73112	Monthly Board of Governors Meeting	
3/01/16	March Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	TBA	TBA
3/06/16	BOG	Juniors of OKC 2601 NW Expressway Oklahoma City, Ok 73112	Monthly Board of Governors Meeting	
4/03/16	BOG	Juniors of OKC 2601 NW Expressway Oklahoma City, Ok 73112	Monthly Board of Governors Meeting	
4/05/17	April Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	TBA	TBA
4/27/16 - 4/29/16	COK CRC	Skirvin Hotel 1 Park Ave. Oklahoma City, Ok 73102	Region VIII 2017 CRC	http://ashraecok.org/ content.php? page=CRC2017
5/01/16	BOG	Juniors of OKC 2601 NW Expressway Oklahoma City, Ok 73112	Monthly Board of Governors Meeting	
5/03/16	May Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	TBA	TBA

2016-2017 COK CONTACT INFORMATION

	Contact	Company	Phone	Email
<u>OFFICERS:</u>				
President	Trapper Wilson	Engineered Equipment Inc.	(405)525.7722	twilson@eei-ok.com
Vice President	John Semtner	ADG	(405)232.5700	jsemtner@adgokc.com
President Elect	Damon McClure	Harrison– Orr	(405)5202492	damonm@harrisonorr.com
Secretary	Jeff Forman	Mechanical Sales Midwest	(405)368.8883	jforman@mechsales.com
Treasurer	Stephanie Thomas	Moxify Engineering	(405)470.8508	stthomas@moxifyllc.com
<u>BOARD OF GOVERNORS:</u>				
Board of Governors	Andy Donehue	Trane	(405)717.7667	andy.donehue@trane.com
Board of Governors	Travis Wolfe	Wattie Wolfe Co.	(405)842.3373	traviswolfe@wattiewolfe.com
Board of Governors	Madison Schultz	Guernsey	(405)416.8205	madison.schultz@guernsey.com
Board of Governors	Caleb Spradlin	Moxify Engineering	(405)521.1497	cspradlin@moxiifyllc.com
Board of Governors	David Royal		(405)639.7118	dmroyal@mail.ashrae.org
<u>COMMITTEE CHAIRS:</u>				
Historian	Dusty Stoabs	Streets, LLC	(405)388.2271	dstoabs@streetsinc.com
Research Promotion	Chris Dolan	Engineered Equipment Inc.	(405)525.7722	cdolan@eeo-ok.com
Refrigeration	Jason Keyes	Automated Building Systems	(405)948.1794	jason.keyes@abscompanies.com
Technology Transfer	Andy Donehue	Trane	(405)717.7667	andy.donehue@trane.com
Governmental Activities	Byron Hughes	RB Akins Company	(405)947.6502	bhughes@rbakins.com
Student Activities & Social Media Chair	Madison Schultz	Guernsey	(405)416.8205	madison.schultz@guernsey.com
YEA	Caleb Spradlin	Moxify Engineering	(405)521.1497	cspradlin@moxiifyllc.com
Membership Promotion	Daniel Brazeale	Engineered Equipment Inc.	(405)525.7722	dbrazeale@eei-ok.com
Webmaster & Electronic Comm.	Michael Wilson	Guernsey	(405)416.8373	michael.wilson@guernsey.us
Honors & Awards	Tino Mendez	Retired	(405)843.3579	tinomendez@cox.net
Newsletter	Clay Coe	Victaulic	(405)439.3735	clay.coe@victaulic.com.com
Sustainability Chair	Brian Sauer	F+S+B	(405)840.2931	bsauer@fsb-ae.com
Scholarship Chair	Robert Smith	Engineered Equipment Inc.	(405)525.7722	rsmith@eei-ok.com.com