



# Central Oklahoma Chapter

ISSUE 2 - September  
2015-2016 EDITION

[www.ashrae.org](http://www.ashrae.org)  
[www.ashraecok.org](http://www.ashraecok.org)

## Sou'Wester

Monthly Newsletter of the Central Oklahoma Chapter



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### UPCOMING EVENTS

- October Chapter Meeting  
October 7th, 11:30am Meeting  
3rd Floor Retail Space of 50 Penn Place  
Dan Int-Hout, ASHRAE Distinguished Lecturer
- October YEA Event - Local Brewery  
Details to be announced (also check [www.ashrae.org/YEA](http://www.ashrae.org/YEA))
- November Chapter Meeting  
November 4th, 11:30am Meeting  
3rd Floor Retail Space of 50 Penn Place  
Code Update OUBCC, Bill Pope
- December Chapter Meeting "Spouses Night"  
December 2nd, 6:30pm Meeting  
Location TBD



OG&E Presentation / Donor Recognition



## Great Golf & Great Start!

### President's Message

By: John Semtner

We had a record setting golf tournament to kick off our chapter year! The final numbers are being tallied, but we raised more money than anyone's recollection for RP and Scholarships. I would like to thank all of our sponsors, our participants, and a special thanks to Bryan Garcia. He tirelessly puts this event on every year.

I am very excited about our first speaker, Dan In-Hout from Krueger. Multiple members of our chapter and others have recommended him as a great speaker. They say he is entertaining and is an expert in air distribution. Many of you may have read his articles in the ASHRAE Journal as recent as the July 2015 edition. Bring a young engineer or staff along to learn something!

One small change this year is that we are increasing the at the door cost for lunches to \$25. We have not had good early registration, so let me encourage everyone to sign up online to secure their \$20 price. The online deal ends Monday at 5PM, so we can let the caterer know our number. For those of you that prepay a year, you will see no change and still receive one free lunch.

Many of our chairs are off to great starts this year. We have had a successful student activity event at OSU, a YEA event at TopGolf, and Grassroots attended an OG&E organizational meeting. If you would like to get involved, please do not hesitate to contact me or any of our chairman!

John

*ASHRAE Central Oklahoma Chapter President*



**John Semtner**  
**2015-2016 President**

## 2016 ASHRAE Winter Conference

Jan. 23-27 | Orlando Hilton | Orlando, Fla.

*New Technical Program Tracks, Networking,  
World's Largest HVAC&R Marketplace*

Special first time attendee registration fee available! Low, early-bird registration rates end Nov. 2. Register early! Registration to the ASHRAE Winter Conference includes free access to the AHR Expo!



### 2016 AHR Expo

Jan. 25-27 | Orange Co.  
Conv. Center | Orlando, Fla.



Venues are strategically  
located next to each  
other for easy access.



## Chapter Technology Transfer (CTT)

### *October's Program: Dan Int-Hout, ASHRAE Distinguished Lecturer*

By: Michael Wilson

All right, it's that time again. Our first chapter meeting speaker for this year will be ASHRAE Distinguished Lecturer, Dan Int-Hout. Mr. Int-Hout is the Chief Engineer at Krueger and his topic will be "You Can't Afford Discomfort". See below for a description:

While much has been said about saving energy, little is said of the downside if the savings strategy reduces occupant productivity. The average salary in any office is 100 times greater than the full cost of heating and cooling that space. Strategies that add to the first, renovation, or operating cost of a space have to be weighed against the potential for reduced productivity when calculating the time to payback.

We aren't doing a very good job, it seems. BOMA continues to report that the #1 reason for tenants not renewing the lease is "occupant dissatisfaction with the thermal environment". ASHRAE Standard 55 describes the conditions that will satisfy a majority of the occupants. It is often referenced in code, and many LEED projects have been awarded a point for compliance, at the design stage, of course.



In practice however, we find that systems don't operate at design, or even as designed. We will discuss the issues related to maintaining comfortable conditions at all loads, and discuss the benefits of ventilation and economizer operations.

Looking ahead, our November topic will be a Code Update by OUBCC. That month is also Bring a Guest, so be thinking about somebody that might be interested in this topic.

If you are interested in submitting an application for an ASHRAE Technology Award, please get with me as soon as you can and you can learn more at <https://www.ashrae.org/membership--conferences/honors--awards/technology-awards-program>.

If you have any ideas for events, want to get involved, or if you want to sponsor an event please contact me. Michael Wilson can be reached at 405-416-8373 or [michael.wilson@guernsey.us](mailto:michael.wilson@guernsey.us).



## Social Media ... Follow Us!

By: Madison Schultz



What a great golf outing in September! If you follow ASHRAEcok on Instagram and Twitter, you noticed that, like most ASHRAEcok events, the golf outing was live tweeted. Check out all of the pictures from the 58th Annual Golf Outing on our Facebook page. If you took any pictures from the event, PM or inbox us to get them posted on social media.

In addition to being posted on ashraecok.org, all of our events are also posted on our Facebook page. You can use the Facebook events page to learn more about our events, find out the location, and buy tickets. Check it out! We are still supporting the trending hashtag of #ILookLikeAnEngineer to support women in engineering. Are you a lady engineer? Send in your picture to be featured on ASHRAEcok's social media accounts along with #ASHRAEcok and #ILookLikeAnEngineer



Hashtag of the month: #ILookLikeAnEngineer

facebook



[www.facebook.com/ASHRAEcok](http://www.facebook.com/ASHRAEcok)



[www.instagram.com/ASHRAEcok](http://www.instagram.com/ASHRAEcok)



[www.linkedin.com/companies/ashraecok](http://www.linkedin.com/companies/ashraecok)



[www.twitter.com/ASHRAEcok](http://www.twitter.com/ASHRAEcok)

Reddit username: ASHRAEcok

## 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](http://ashraecok.org/content.php?page=Company_Roster)



2014 rosters may be downloaded using the link below, or contact John Semtner for a hard copy.

[http://ashraecok.org/images/downloads/Miscellaneous/2014\\_ashrae\\_roster\\_final.pdf](http://ashraecok.org/images/downloads/Miscellaneous/2014_ashrae_roster_final.pdf)



**YEA*****First Event TopGolf***

By: Andy Donehue

Our first YEA event was a great success. I'd like to thank Jeff Forman and Mechanical Sales for sponsoring the event. We went to Top Golf and had a great time hanging out and playing games. We had about 15 people turn out for the event.

Our next event will be at the end of October and will be a tour of a local brewery. Look for an email from in the near future with more details. Thanks to everyone who came! If you couldn't come, I encourage you to come to our next event. It's a great way to meet other people in the industry.



Thanks again to Mechanical Sales for sponsoring the event!!

If you want to get involved or would like to sponsor an event I can be reached at 405-317-0552 or [andy.donehue@trane.com](mailto:andy.donehue@trane.com). Sponsorship for an event is \$200.

If you would like more information about YEA, please contact me or go to [www.ashrae.org/YEA](http://www.ashrae.org/YEA).





## Student Activities

### *Successful Career Fair Prep!*

By: Madison Schultz

Our September 3rd ASHRAEcok at OSU Career Fair Prep was a hit! We fed about 170 students, had 50-60 students attend a presentation, and had 9 scheduled mock interviews and resume critiques. The students were responsive and interested in ASHRAE. We have 4 new student members, so far!

We had a great turnout from the OSU ASHRAE student branch. Without their support and planning, this event would not have been such a success. And much appreciation to Chris Dolan, Damon McClure, and Michael Wilson for attending the event and hosting the interviews. Thank you!

Our next activity is on October 1st. Two ASHRAEcok Oklahoma City Community College Alumni will be speaking to the OCCC Engineering Club about ASHRAE and the exciting opportunities in this industry. If any ASHRAEers would like to join us to sponsor the event, 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](mailto:madison.schultz@guernsey.us).



## Research Promotion

### *Contributions*

By: Chris Dolan



Have you ever donated to a charity or organization and wondered how much of your money actually goes toward the cause you are supporting?? Well... With your ASHRAE Research Donation you don't have to worry about that. EVERY DOLLAR you donate goes toward research. Help us exceed the \$42,000 goal for the Central Oklahoma ASHRAE chapter this year by donating immediately. Remember, all of your donation will be used for research projects including ones at our home state universities. If you have any questions about research promotion or how to donate please feel free to contact me at 405-245-4691.

The golf tournament was a great success again, raising money for both Research and Scholarship! Thanks to everyone that helped, especially Bryan Garcia. Our next event will be Sporting Clays!! An invitation for sponsorships and team registration will be coming out soon. We look forward to the same support and enthusiasm for our this event in the spring!

Chris can be reached at 405-525-7722 or [cdolan@eei-ok.com](mailto:cdolan@eei-ok.com)





## Membership Promotion

### *How you benefit from ASHRAE Membership*

By: Daniel Brazeale

With one year under my belt I'm excited to hit the streets and find new members for ASHRAE's Central Oklahoma Chapter. 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.

- Danielle Rosendale
- Kaylee Oliver
- James Cullin
- Alex Roswell
- Rafael Prado

Members that have joined but have been members in the past

- Avinash Gholap
- Josh Gramling
- Sarah Baker

Also we would like to welcome those new members that have transferred in to the Central Oklahoma Chapter:

- Mr. Jacob D. Newman, PE

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](mailto:dbrazeale@eei-ok.com)





## Refrigeration

### *Tours This Year*

By: Jason Keyes

As I mentioned in last month's article we plan to have two refrigeration tours this ASHRAE year and one will be combined with a YEA event. That being said I would like your input regarding locations. Several members have approached me and suggested a brewery tour and agree that would be a great venue for our combined function. With 15 breweries currently operating in the state I am certain we can find one to fit our needs.

If anyone in our membership has friends or family in the industry and can help guide us towards a successful outing please let me know. The Refrigeration Committee yearly tour(s) is one of the ASHRAE functions that is determined solely by us the members – Help me learn what we as members want to do and see and we can make it happen! Thank you in advance!

Jason

Jason Keyes can be reached at 405-948-1794 or [jason.keyes@abscompanies.com](mailto:jason.keyes@abscompanies.com)



## Honor & Awards

### *Recognized Service*

By: Tino Mendez

ASHRAE's Honors and Awards program recognizes the dedicated ASHRAE Members who give freely of their time and expertise to fulfill the Society's mission of advancing the arts and sciences of HVAC&R to serve humanity and provide a sustainable world.

Our award recipients exemplify the best in engineering and technology by continually bringing credit to the profession and the Society.

ASHRAE is proud of the many contributions its men and women have made on behalf of the Society and to our industry. We encourage you to help us recognize those members who deserve to be thanked by nominating them for an appropriate award.

Tino Mendez can be reached at 405-590-4479 or [tinomendez@cox.net](mailto:tinomendez@cox.net)





## Historian Message

### *Big Shoes to Fill*

By: Dusty Stoabs

I am honored to be your new Chapter Historian. I'm taking over for the esteemed Alan Loeffler who served as the Central Oklahoma ASHRAE Chapter Historian for almost 10 years. Alan, however, hasn't gone anywhere! He sits on the History Committee and is very actively involved.

He and I have been working regularly a few hours every couple of weeks to sort through the Chapter's archive boxes currently stored at Federal Corporation. We're pulling out documents that should be scanned and saved to a permanent cloud digital archive. Documents we're saving are meeting minutes, newsletters, CRC reports, photos, and other items of significance that have been saved over the decades. As we go through the files and create the scans, we're generating a list of what's available.

This archive file index will be on the Chapter website and anyone who would like to see anything on the list can certainly request it. Periodically, we'll make selected scans directly available on the Chapter website. Just recently, we've added the original Chapter Charters (plural; we have two!). If you have any old newsletters or photos stashed away from any time period, we would love to get a hold of them.

Dusty Stoabs

*ASHRAE Central Oklahoma Chapter Historian*

## 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**



## Sustainability / Community Service

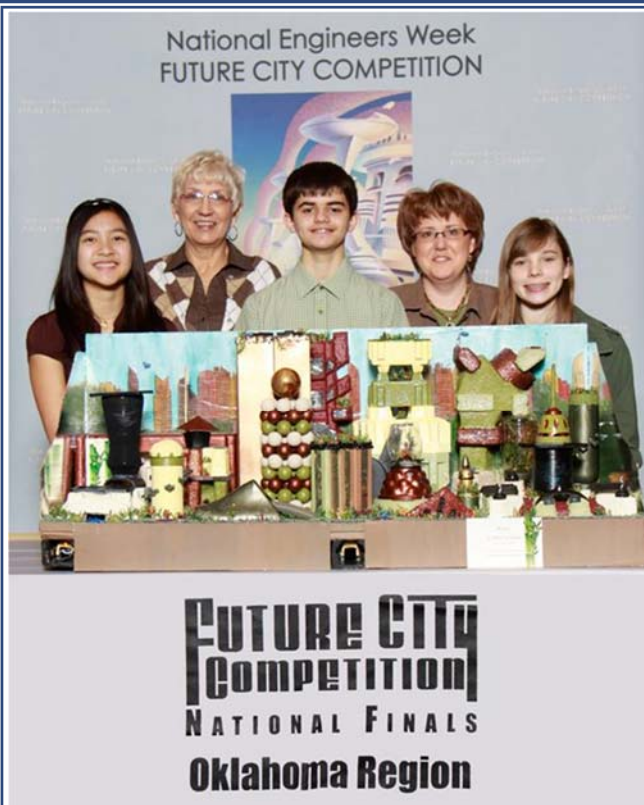
### *Continue Building Success*

By: Byron Hughes



The Central Oklahoma ASHRAE Chapter will be completing our second Rebuilding Together project on December 12th, 2016. Our first project earlier this spring was a huge success. As communicated last month, approximately 15 members of our Chapter helped paint the interior of a home and prepare an area of the house for installation of an ADA shower.

Please email Brian Sauer at [bsauer@fsb-ae.com](mailto:bsauer@fsb-ae.com) if you would like to volunteer for this event or donate equipment, materials, or services.



## Oklahoma Future City

As you know ASHRAE is a proud supporter of the Oklahoma Future City competition. In past years our members have served as mentors, judges, and coordinators for the state competition.

Several schools are in need of mentors. If you are interested in volunteering to mentor a team, please let me know ASAP. Mentors usually just meet with their team 3-4 times during the fall school semester. The teams can usually work to make it fit into the mentor's schedule.

Also, Future City has modified its scope slightly to incorporate the Project Management Process. This means that professional project managers would be great mentors as well (whether they are engineers or not).

The theme of this year's Future City Competition is solid waste/trash. If you would like to learn more about the Oklahoma Future City competition, please visit <http://futurecity.org/showcase/presenting-city-17>

Please contact Aruna at [aruna.abhayagoonawardhana.2@us.af.mil](mailto:aruna.abhayagoonawardhana.2@us.af.mil) if you would like to volunteer.

Thank you for your help.



## Grassroots Government Activities

### *Continue Building Success*

By: Byron Hughes

A meeting was held on September 3rd with OG&E to discuss several new energy saving programs and available services. The focus was to educate commercial building owners on ways to conserve energy consumption. One of the topics was "help your customers afford new equipment instead of repairing the old." As energy costs continue to escalate we can all see the benefits from improved technology, especially in the HVAC industry.

Our goal in GGAC is to work with industry leaders like OG&E and to continue to educate lawmakers, engineers, and building owners and to set new standards and guidelines to will benefit all involved. If you would like to get involved with or are aware of opportunities for grassroots government activities please contact Byron.

Please feel free to contact me anytime at 405-947-6502 or [bhughes@rbakins.com](mailto:bhughes@rbakins.com)



## ASHRAE Government Affairs Update 9/30/2015

### US Federal Legislative & Regulatory Activities



- Markup of House Energy Bill Postponed Due to Disagreements Over Climate Change, Building Energy Codes
- DOE Reopens Comment Period for Rulemaking on Certain Air-Cooled Commercial Packaged Air Conditioning and Heating Equipment
- Economic Impacts and Energy Savings Analysis of Energy Conservation Standards for Residential Non-Weatherized Gas Furnaces Completed by DOE
- Meetings Announced for DOE's Walk-In Cooler and Freezer Refrigeration Systems Working Group
- DOE's Central Air Conditioners and Heat Pumps Working Group to Meet in September and Coming Months

### GGAC Regional and Chapter Activities

- Legislative Sessions for 2016
- Possible Ballot Initiative in Florida
- North Carolina Budget Proposal Eliminates REITC
- City of Austin Considers Adoption of 90.1-2013
- ASHRAE New York Chapter Meets with Delegation from China

Please visit <http://ashraecok.org/blog.php?id=113> for more details

## Upcoming Meetings and Events

Date	Event	Location	Topic	Presenter
10/07/15	October Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	You Can't Afford Discomfort	Dan Int-Hout ASHRAE Distinguished Lecturer
11/04/15	November Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Code Update OUBCC	Bill Pope Chief Executive Director OUBCC
12/02/15	December Meeting (Spouses Night)	TBD 6:30pm Dinner	OG&E Presentation (also Donor Recognition)	 Power at the speed of life.
1/04/16	January Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Society of Fire Protection Engineers	
2/03/16	February Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Ventilation Rate Reduction	
3/02/16	March Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	TBD	
4/06/16	April Meeting	N Washington St & W Hall of Fame Ave Stillwater, OK 74075 11:30am - 1:00pm	OSU Central Plant Tour	
5/4/16	May Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Acoustics 101 & Noise Reduction Options	Brandon Wallace



# 2015-2016 COK CONTACT INFORMATION

	Contact	Company	Phone	Email
<b><u>OFFICERS:</u></b>				
President	John Semtner	ADG	(405)232.5700	<a href="mailto:jsemtner@adgokc.com">jsemtner@adgokc.com</a>
President Elect	Trapper Wilson	Engineered Equipment Inc.	(405)525.7722	<a href="mailto:twilson@eei-ok.com">twilson@eei-ok.com</a>
Secretary	Damon McClure	Harrison-Orr Air Conditioning	(405)520.2492	<a href="mailto:damonm@harrisonorr.com">damonm@harrisonorr.com</a>
Treasurer	Stephanie Thomas	TME, LLC	(405)463.6570	<a href="mailto:stthomas@tme corp.com">stthomas@tme corp.com</a>
<b><u>BOARD OF GOVERNORS:</u></b>				
Board of Governors	Joe Sanders	RB Akins	(405)947.6502	<a href="mailto:jsanders@rbakins.com">jsanders@rbakins.com</a>
Board of Governors	Jeff Forman	Mechanical Sales Midwest	(405)368.8883	<a href="mailto:jforman@mechsales.com">jforman@mechsales.com</a>
Board of Governors	Brian Sauer, P.E.	F+S+B	(405)840.2931	<a href="mailto:bsauer@fsb-ae.com">bsauer@fsb-ae.com</a>
Board of Governors	Rick Marsh	Trade Mechanical	(405)521.1497	<a href="mailto:rmarsh@trademech.com">rmarsh@trademech.com</a>
Board of Governors	Dusty Stoabs, P.E.	Streets, LLC	(405)388.2271	<a href="mailto:dstoabs@streetsinc.com">dstoabs@streetsinc.com</a>
<b><u>COMMITTEE CHAIRS:</u></b>				
Historian	Dusty Stoabs	Streets Mechanical	(405)388.2271	<a href="mailto:dstoabs@streetsinc.com">dstoabs@streetsinc.com</a>
Research Promotion	Chris Dolan	Engineered Equipment Inc.	(405)525.7722	<a href="mailto:cdolan@eeo-ok.com">cdolan@eeo-ok.com</a>
Refrigeration	Jason Keyes	Automated Building Systems	(405)948.1794	<a href="mailto:jason.keyes@abscompanies.com">jason.keyes@abscompanies.com</a>
Technology Transfer	Michael Wilson	Guernsey	(405)416.8373	<a href="mailto:michael.wilson@guernsey.us">michael.wilson@guernsey.us</a>
Governmental Activities	Byron Hughes	RB Akins Company	(405)947.6502	<a href="mailto:bhughes@rbakins.com">bhughes@rbakins.com</a>
Student Activities	Madison Schultz	Guernsey	(405)416.8205	<a href="mailto:madison.schultz@guernsey.com">madison.schultz@guernsey.com</a>
YEA	Andy Donehue	Trane	(405)717.7667	<a href="mailto:andy.donehue@trane.com">andy.donehue@trane.com</a>
Membership Promotion	Daniel Brazeale	Engineered Equipment Inc.	(405)525.7722	<a href="mailto:dbrazeale@eei-ok.com">dbrazeale@eei-ok.com</a>
Webmaster & Electronic Comm.	David Royal		(405)245.5409	<a href="mailto:dmroyal@mail.ashrae.org">dmroyal@mail.ashrae.org</a>
Honors & Awards	Tino Mendez	Retired	(405)843.3579	<a href="mailto:tinomendez@cox.net">tinomendez@cox.net</a>
Newsletter	Jeff Forman	Mechanical Sales Midwest	(405)368.8883	<a href="mailto:jforman@mechsales.com">jforman@mechsales.com</a>
Social Media Chair	Madison Schultz	Guernsey	(405)416.8205	<a href="mailto:madison.schultz@guernsey.com">madison.schultz@guernsey.com</a>
Scholarship Chair	Caleb Spradlin	TME, LLC	(405)463.6570	<a href="mailto:cspradlin@tme corp.com">cspradlin@tme corp.com</a>