



Central Oklahoma Chapter

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Sou'Wester

Monthly Newsletter of the Central Oklahoma Chapter



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UPCOMING EVENTS

- 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
- January Chapter Meeting
January 4th 11:30am Meeting
3rd Floor Retail Space of 50 Penn Place
Society of Fire Protection Engineers
- February Chapter Meeting
February 3th 11:30am Meeting
3rd Floor Retail Space of 50 Penn Place
Ventilation Rate Reduction



Oklahoma Codes & Sustainability

President's Message

By: John Semtner

Has Oklahoma passed an Energy Code? Why hasn't the OUBCC adopted the 2009 or 2015 energy code, while they are adopting the 2015 building codes? How does Oklahoma move forward towards a more sustainable future? These questions were on my mind when we invited Billy Pope (CEO of the Oklahoma Uniform Building Code Commission) to join us at our next meeting. These are important questions for our organization and our profession to push for in our local governments.



John Semtner
2015-2016 President

I sat through the first of three round table discussions on a sustainability plan for Oklahoma City last week. It opened my eyes to what people think the solution to energy conservation is. There is an overall lack of commitment, training, and funding to enforce the city's energy code today, but planOKC (<http://planokc.org>) seems to be pushing for change. These meetings are the types of opportunities that we as ASHRAE members need to take part and push for change. One of the easy recommendations was to require a COMcheck report like so many municipalities do around the country. Let me or Byron Hughes know if you want to get involved in some of our Grassroots Government advocacy.

Our members are in positions that can shape our state's energy future. Two members (John Harrod & Adam Schupe) are on the OUBCC review committees for the 2015 codes. This month we have a great opportunity for discussion with Mr. Pope. Please invite co-workers, friends in the business, code officials, architects and other guests to join us in this conversation. Maybe a few of the guests will even join ASHRAE.

John

ASHRAE Central Oklahoma Chapter 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) *November's Program: Billy Pope, OUBCC* By: Michael Wilson

Our first chapter meeting was a big hit and Mr. Dan Int-Hout received very excellent reviews on his presentation. If you missed it, he spoke on "You Can't Afford Discomfort". He discussed how energy saving reductions in the wrong areas could lead to occupant discomfort and productivity. He also presented strategies for optimizing airflow and the benefits of ventilation and economizer operations.

For the November meeting, Billy Pope with the Oklahoma Uniform Building Code Commission (OUBCC) will be our guest speaker. The OUBCC presentation will cover the following items: history and statutory authority of the agency; status of OUBCC code adoptions; regional training for code inspectors; need for a training program for new inspectors; volunteering for technical review committees; and the Energy Code review and adoption status. A little bit about Billy is below:

Billy Pope is the Chief Executive Officer for the Oklahoma Building Code Commission. His agency is responsible for setting the minimum building codes (commercial and residential) for the State of Oklahoma through adoption of agency rules. He has forty plus years of experience in the construction industry, inspection, and code development. He worked in model code development for 18 years, primarily with BOCA and ICC in the capacities of Senior Staff Engineer and Regional Manager. He holds contractor licenses in the Electrical, Mechanical and Plumbing trades. He is a licensed Inspector and has served as an Oklahoma Building Official. He is a lifelong resident of Oklahoma and is proud to serve his fellow citizens.



Remember November is "Bring a Guest", so invite anyone that might find this topic interesting. Looking ahead, December will be our annual Spouse's Night. OG&E will be discussing their energy programs. It will be held at Rocky's in Bricktown and space is limited.

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.



#science!

By: Madison Schultz



November 7 marks the 75 year anniversary of the Tacoma Narrows Bridge collapse. The original bridge collapsed only 4 months after opening due to aeroelastic flutter. The solid sides of the bridge caught the wind and would cause it to sway. A wind of 42 mph provided an external periodic frequency matching the structural frequency of the bridge. And down fell "Galloping Gertie"!

Thankfully, the bridge collapse did not claim any human lives. The bridge is still used in many science and engineering classes as a cautionary tale. Thanks to advancements in science, the bridge was later rebuilt. Its replacement still stands today linking Tacoma and the Kitsap Peninsula in Washington. How has science affected your life? Let us know on social media by using the hashtags #ASHRAEcok and #science



Hashtag of the month: #science

facebook

www.facebook.com/ASHRAEcok



www.instagram.com/ASHRAEcok



www.linkedin.com/companies/ashraecok



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



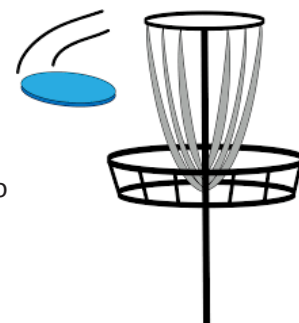
2014 rosters may be downloaded using the link below, or contact John Semtner for a hard copy.

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

**YEA*****Disc Golf***

By: Andy Donehue

We had a weather delay for our second event of the year this week so there isn't an update on how great the event was. Good news is you still have a chance to come!! We are going to Stars and Stripes park to play some disc golf!



The event will be Thursday October 29th from 3:00-5:00. We will have some discs there, but if you have your own it would be great for you to bring them! For more info shoot me an email. I hope you can make it. Also, look for more emails from me in the future about upcoming events.

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. Sponsorship for an event is \$200.

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

**Student Activities*****Visiting OCCC***

By: Madison Schultz

ASHRAEcok visited the Engineering Club at Oklahoma City Community College (OCCC) on October 1. Two OCCC Alumni and ASHRAEcok members presented on ASHRAE, ASHRAEcok, transferring from OCCC to a 4-year college, and what an ASHRAE engineer does on a daily basis. We fed about 50 students thanks to a generous corporate sponsor. Thank you to Barry Bosnyak for coordinating everything on the OCCC side, Tony Arango for speaking, and Trane for sponsoring the event!

Our next activity is on November 5. President John Semtner will be speaking to the ASHRAE OU Student Branch. 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.



Research Promotion

Contributions

By: Chris Dolan



We have had a great start to the year and look forward to more successes in the next couple months. Our first calling campaign will be in early November. Please feel free to beat us to the punch by clicking on the following link and donating to Research Promotion!!

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

The chapter would like to recognize the following individuals and companies for their early contributions. Special thanks goes to:

Companies

Air Technologies	ACP Sheet Metal Company Inc
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Individuals

Richard Hautekeete	Tom Determan	Joe Sanders
Jeff Forman	Dusty Stoabs	Trapper Wilson
Damon McClure	John Semtner	Chris Dolan
Brian Sauer	Tino Mendez	Rick Marsh
Stephanie Thomas	Daniel Brazeale	Robert Smith

We will post the names of new donators each month, so if you don't see your name above it will be in the next newsletter!

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





Membership Promotion

Update on COK's Membership

By: Daniel Brazeale

We're now four months into the ASHRAE Calendar year and the Central Oklahoma chapter is making great progress meeting our Membership promotion goals. With that said the theme for our November meeting is "Bring a Guest." I would encourage each of you to reach out and find someone that would be interested in ASHRAE and bringing them along. As I've mentioned in previous newsletters if they need help seeing the value in ASHRAE send them my way!

- Since our last newsletter article we have had Two new members join:
Travis Wolfe Paul Weigl
- We had one Student Transfer:
Rachel Spitler
- We had one previous member come back to our ranks:
Jim Brown
- And we had one member transfer into the Central Oklahoma Chapter:
Mr. Douglas Lister, PE

Please join me in welcoming the new members. If you happen to run across any of the new members at the next meeting please reach out to them and make them feel welcome. 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



Honor & Awards

Recognized Service

By: Tino Mendez

Since the year 2000 ASHRAE has been keeping track, electronically, of what members have been doing when serving at the Chapter, Regional or Society levels. All of this information comes from the Chapter Information Questionnaire or CIQ for Chapters and from the Rosters of Society Committees, Councils and the Board itself. However, you still need to update your BIO every year to confirm that you did serve as planned. Going forward, Society will notify Chapters when members accumulate enough points to meet award requirements.

If you did serve, at any level, prior to 2000 you certainly need to update your BIO because those records were manually recorded and may no longer be available. Our Historian has copies of the Central Oklahoma Chapter Rosters going back to the 1970s in case you need to refresh your memory. All of this recordkeeping provides information necessary to make sure that the work that our members do is recognized.

Please, update your BIO.

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



Refrigeration

Flexibility: An Important Professional Attribute ...

By: Jason Keyes

In our hectic world of deadlines, meetings, and conference calls let's take a moment to remember how important being flexible can be to both our professional and personal lives. Flexibility allows us to work better with others, to understand different perspectives, as well as seek out new solutions. Take for instance my article in last month's newsletter in which I informed the membership that we would be combining the November YEA meeting with a refrigeration tour of a local brewery. As we have learned since then most local craft breweries no longer offer tours or only offer them on weekends. You know what that means? Yep, that's right, we need to be flexible and seek a new solution. So that being said we are going to re-group and work out another date and location to combine YEA and a refrigeration tour. See, flexible! I will let everyone know when have a new date lined out.

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



Historian Message

Four Digits Which Will Revolutionize Construction!

By: Dusty Stoabs

As Alan and I were going through old archive boxes, we ran across a press release from 1975 containing two bold predictions: "Four Digits Which Will Revolutionize Construction" and "New Standard ... Will Conserve Huge Amount of Fuel". The one about conserving a Huge amount of fuel" was especially engaging and entertaining. These documents were in a file folder labeled "ASHRAE Standard 90-75 Seminar".

A little research tells me that development of Standard 90 came after the 1973 oil embargo. Gas prices going up almost 50% in one year and stations rationing fuel certainly turned people's attention toward energy production, but then also to consumption and conservation. This focus prompted a lot of change in the country. 1974 was the year that the 55 mph speed limit was implemented. ASHRAE membership, knowing they had little control over the production of energy, knew that they could make a difference by way of education on how to conserve energy in buildings.

The original title of Standard 90 was "Energy Conservation in New Building Design." Revisions to Standard 90 came in 1980, 1989, 1999, 2001, and then every three years afterward under the Chapter's "Continuous Maintenance" process. In 1992, Standard 90.1 became Federal Law as part of the Energy Policy Act. Back in 1975, however, ASHRAE knew even then the significance of the document they produced. Our own Bill Collins, then sitting Society President, made a big push for local Chapters to hold seminars to educate members on what the Standard contained. Bill Frankfurt, our Chapter President at that time, followed through in organizing an all-day seminar on the new Standard 90-75. A scan of the original 1975 Society press release, a letter by Bill Frankfurt to the DRC of Region VIII, and the flyer announcing the seminar are on our Chapter website for you history buffs.

http://ashraecok.org/images/downloads/History/four_digits_which_will_revolutionize_construction.pdf

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

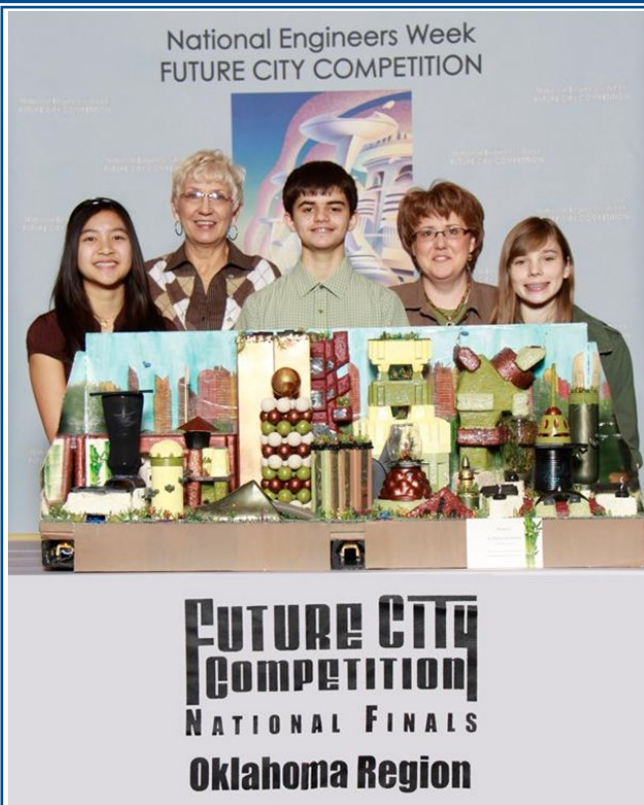
Continue Building Success

By: Brian Sauer



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 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 if you would like to volunteer.

Thank you for your help.



ASHRAE Government Affairs Update 10/30/2015

US Federal Legislative & Regulatory Activities

- Rep. Paul Ryan (R-WI-1) Selected as New Speaker of US House of Representatives
- House Consideration of Energy Legislation May Have to Wait Until After Thanksgiving
- DOE Releases Updated Methodology for Assessing Cost-Effectiveness of Building Energy Codes
- EPA Releases Proposed Rule for Clean Power Plan Federal Backstop
- Comment Period Reopened for DOE Proposed Rulemaking on Energy Conservation Standards for Refrigerated Beverage Vending Machines
- Meetings Announced by DOE to Negotiate Rulemaking for Dedicated Purpose Pool Pump Energy Conservation Standards

GGAC Regional and Chapter Activities

- Idaho Governor Appoints Director for New STEM Action Center
- Pennsylvania Code Update
- ASHRAE Argentina Chapter
- New Energy Benchmarking Standards Implemented
- State Energy Efficiency Scorecard
- Administrative Rules Being Tracked





Please visit <http://ashraecok.org/blog.php> for more details

BOG Meeting Minutes

Please select the links below to access the the most recent COK Chapter Board of Governors Meeting Minutes.

- [October BOG Minutes](#)
- [September BOG Minutes](#)
- [August BOG Minutes](#)

Upcoming Meetings and Events

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