



Central Oklahoma Chapter

ISSUE 4 - November
2014-2015 EDITION

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Sou'Wester

Monthly Newsletter of the Central Oklahoma Chapter



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UPCOMING EVENTS

- December Chapter Meeting
December 3, 11:30am Lunch
3rd Floor Retail Space of 50 Penn Place
Ethics
- December Board of Governors Meeting
December 15th, 11:30am
Junior's West Oil Center Bldg,
2601 NW Expressway-Basement Level
- January Chapter Meeting (Night Meeting)
January 7, 6:00pm Meeting
3rd Floor Retail Space of 50 Penn Place
Variable Refrigerant Flow & ASHRAE 15
- February Chapter Meeting
February 4, 11:30am Meeting
3rd Floor Retail Space of 50 Penn Place
ASHRAE bEQ, with Distinguished Lecturer

Guest Involvement

President's Message

By: Joe Sanders



Joe Sanders
2014-2015 Chapter President

At our October meeting, chapter Historian Alan Loeffler showed off an old guest registration book that was used at our chapter meetings several decades ago. In that book were the names of several past chapter committee chairs, board members, and chapter presidents that had at one time been invited as a guest of a member. Alan stated at that time, "Every member in the room today was at one time someone's guest".

With that spirit in mind our November meeting was dubbed as our bring-a-guest meeting. We were thrilled to have had several guests attend and they were treated to an outstanding presentation by TME's Mr. Ed Tinsley.

Mr. Tinsley's presentation really displayed to our guests some of the advantages of being an ASHRAE member. Not only was his presentation entertaining but it also showed how a professional organization such as ASHRAE should operate by having an expert in his field exchange experience and information with others in his industry. All those in attendance no doubt have a greater understanding of what happens to their projects after the owners take over and how retro-commissioning can improve comfort and efficiency.

Our December chapter meeting will be on Ethics, our presenter will be Bruce Pitts. This is one of the meeting topics that received the most interest from our respondents to CTTC Chair Michael Wilson's survey this past summer. We also learned at the Little Rock CRC that this topic tends to be one of the better attended meetings all year for other chapters. And as if a great topic isn't enough incentive to come to the meeting, we will be distributing the newly printed chapter roster at the meeting as well. Once again I encourage you to bring a guest to the December meeting, every guest is an opportunity to sign up a new member.

Finally, I want to wish everyone a happy Thanksgiving. While at times we may not always recognize it we really should be thankful to be part of a growing industry in a growing city. I hope everyone has a wonderful holiday and I'll see everyone in December!

Joe Sanders

ASHRAE Central Oklahoma Chapter President



The Overachiever-Mr. I.D. Nease Historian Message

By: Alan Loeffler

Once every decade or so we encounter an individual who is in the top 1% of achievers. I found one the other day. Mr. I.D. Nease was an ASHRAE Central Oklahoma chapter member for many years. He was a salesman representing McQuay in the 1970s, then he worked in sales at Governair in the 1980s. When Wayne Smith (who was president of Governair at the time) was elected Central Oklahoma Chapter president for the 1982-83 chapter year, Wayne asked I.D. Nease to be Membership Chairman.

That year the regional membership chairman asked his chapter membership chairmen to endeavor to increase their membership rolls by a "net gain of 5%" for the year. Our chapter membership must have been approximately 420 at the time, because I.D. calculated that we would need 21 new members to meet this goal. What were his results for the year? As you can see from the attached scan of his report written in April, 1983, he signed up 137 new members, 94 student members, and processed 41 advancements!

Since I did not know I.D. Nease, I talked to a few senior chapter members who did know him. I was told that he was a salesman; that he contacted every company to ask a company leader who should be a member of ASHRAE, then contacted the individuals. He contacted engineering houses, contractors, vendors, utilities, hospitals, state agencies, and even accountants and others normally outside our industry. He thought outside the box. And most of his new members were signed up before the first chapter meeting of the year!

What about all those new members? Did they stick around? Some may not have stayed for many years. But others did, and are pillars in our industry. I found four on his new member list who later became chapter presidents - Bruce Albertson, Chuck Darr, Brad Binning, and Pete Ray.

I'm quite sure that Wayne Smith gave his employee I.D. Nease special permission to devote extra time to ASHRAE. Nease writes in a report in 1983, "...the above was accomplished by the goodwill and generosity of Governair Corporation plus my two cents worth." I.D. died in January of 2001 at the age of 83. We thank you, I.D. Nease, for your "two cents" in contributing to our chapter and our industry.

The natural application for each of us present-day members is to look around our organizations and those with whom we interact, and ask "Have you thought about becoming an ASHRAE member?" Just your own story of benefiting from ASHRAE may be all that's necessary in helping recruit a future leader in our chapter and industry.

This article has been posted in the "History" section of our website.

Alan Loeffler

ASHRAE Central Oklahoma Chapter Historian

Attn: Robert W. Allwein

April 12, 1983

Activities of the Membership Committee

I. D. Nease - Chairman
Albert N. Janco
John T. Nalley
Dr. Faye McQuiston, O.S.U.
Dr. Barton Turkington, O.U.
Phillip B. Condrey, O.S.U.T.I.

Central Oklahoma's Membership goals are set to coincide with the Regional goals of an increase in net growth of 5% (21 net new members) and with extra emphasis on upgrading membership (advancement).

Our student members are recruited by Dr. McQuiston on the O.S.U. campus and by Dr. Turkington on the O.U. campus and by Phil Condrey on the O.S.U.T.I. campus. Thus far this year ninety-four (94) student applications were forwarded to Society.

Forty one (41) member applications forwarded for upgrading to full member.

One hundred thirty seven (137) new member applications have been forwarded to Society thus far this year. This will make our goal achievable with the net growth figures.

As of April 1, 1983 the Membership chairman has processed a total of 272 applications.

137 New Members
94 Student Members
41 Advancements

I. D. Nease
I. D. Nease
Membership Chairman
Central Oklahoma Chapter - ASHRAE

IDN-cr

I. D.

**Memo from I.D. Nease to Robert Allwein date 4.12.1983
documenting 272 total membership applications**



Chapter Technology Transfer (CTT)

November Program: Retro-Commissioning

By: Michael Wilson

Thank you to everybody that came out to hear Ed Tinsley speak about Retro-Commissioning of Health Care Facilities. It was a very good presentation and the topics discussed such as chiller plant optimization, dual-maximum VAV control logic, etc. could be incorporated used for multiple building types. The member feedback based on the program evaluations was very positive and thank you for taking the time to fill them out.

For the December chapter meeting, our guest will be Mr. Bruce Pitts, P.L.S. to speak to our chapter over Ethics. Bruce is with the State Board of Licensure for Professional Engineers and Land Surveyors and he is presently serving as Director of Enforcement.

Prior to his present engagement with the State, Mr. Pitts practiced land surveying and land subdivision design with emphasis on land title surveys and boundary analysis and boundary dispute resolution since 1976. He received his B.S. degree in Engineering Technology from Oklahoma State University. He was on the land surveying faculty of OSU-OKC for over 30 years. Mr. Pitts is a past president of the Oklahoma Society of Land Surveyors, and an associate member of the Oklahoma Land Title Association. He is an emeritus member of the State Board of Licensure for Professional Engineers and Land Surveyors and the National Council of Examiners for Engineering and Surveying (NCEES). He has served on the NCEES Law Enforcement Committee, Examinations for Professional Surveyors Committee, and the Mobility Task Force.



Bruce Pitts
December's Guest Speaker
Ethics

This topic should be worthwhile for all of our members and if anybody else from your office could use a refresher in Ethics, please bring them along as a guest (remember to have them sign up through the website).

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

Social Media Cross-Promotion Information

COK Chapter would like to welcome Madison Schultz as the Social Media Chair. Please help grow these social media connections in this digital age. Please notice some of the social media links have been revised to be more consistent across all platforms. Please look for Madison's post of the latest news, updates, and feeds.

facebook

www.facebook.com/ASHRAEcok



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



<http://www.linkedin.com/groups/ASHRAE-Central-Oklahoma-Chapter-4653796/about>

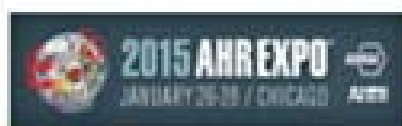


[@CentralOKASHRAE](https://twitter.com/CentralOKASHRAE)

ASHRAE Returns to Chicago!

Winter Conference
January 24–28

AHR Expo
January 26–28



The ASHRAE Conference takes place Jan. 24-28 at the Palmer House Hilton. The ASHRAE co-sponsored AHR Expo, takes place Jan. 26-28 at McCormick Place.

At www.ashrae.org/chicagomarketing, you can find banners and ads for your chapter websites and newsletters to use in promoting the Conference and the Show. These materials include complimentary passes to the Expo that you can use to promote the event to those outside of the ASHRAE family. To obtain additional free passes for distribution or any additional AHR Expo promotional material, please contact Kimberly Pires at kpIRES@iecshows.com.

The financial support provided by the AHR Expo helps fund vital research and other member programs. We all will benefit from a strong turnout in Chicago. Your contribution to that success will be sincerely appreciated. If there is anything else Headquarters can do to support your promotional program, please be sure to let us know. Thank you!

**YEA*****YEA Midtown***

By: Andy Donehue

We hosted our November YEA event at the Bleu Garten in Midtown. We played bags, tried some of the different food trucks, and had a great time! I'd like to thank R.B. Akins for sponsoring the event. We had a good turnout but we need more people to come and join us. Tell your coworkers about this great way to meet other people in the industry. Our next event will be the first couple of weeks of December so keep a look out

for the invite!

Andy Donehue can be reached at 405-317-0552 or andy.donehue@trane.com.

November Meeting Photos***Retro-Commissioning***

Ed Tinsely



ASHRAE Learning Institute 2014 Fall Online Course Series

2 WAYS TO REGISTER

Take 3 or more courses and save 15% off registration!

Internet: www.ashrae.org/onlinecourses

Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Note: You may register up to 24 hours prior to an online course. Courses are in US Eastern Time.

High-Performance Building Design: Applications and Future Trends

Mon, September 8, 2014 – 1:00 pm to 4:00 pm EDT

Air-to-Air Energy Recovery Applications: Best Practices

Wed, September 10, 2014 – 1:00 pm to 4:00 pm EDT

Evaluation Methods for High-Performance Green Buildings

Mon, September 22, 2014 – 1:00 pm to 4:00 pm EDT

Fundamental Requirements of Standard 62.1-2013

Wed, September 24, 2014 – 1:00 pm to 4:00 pm EDT

NEW! Building Demand Response & the Coming Smart Grid

Mon, September 29, 2014 – 1:00 pm to 4:00 pm EDT

District Cooling & Heating Systems: Central Plants

Mon, October 6, 2014 – 1:00 pm to 4:00 pm EDT

Maximizing Customer Benefits Using Key Electric Utility Products

Mon, October 13, 2014 – 1:00 pm to 4:00 pm EDT

Combined Heat & Power: Creating Efficiency through Design & Operations

Mon, October 20, 2014 – 1:00 pm to 4:00 pm EDT

Design of Commercial Ground Source Heat Pumps

Wed, October 22, 2014 – 1:00 pm to 4:00 pm EDT

Energy Efficiency in Data Centers

Mon, November 3, 2014 – 1:00 pm to 4:00 pm EST

Commissioning for High-Performance Buildings

Wed, November 5, 2014 – 1:00 pm to 4:00 pm EST

Exceeding Standard 90.1-2013 to Meet LEED® Requirements

Wed, November 12, 2014 – 1:00 pm to 4:00 pm EST

The following courses are comprised of two parts. Registrants must attend both parts in order to receive CEU/PDH credits.

Complying with Standard 90.1-2013

Part 1 - Mon, September 15, 2014 – 1:00 pm to 4:00 pm EDT

Part 2 - Wed, September 17, 2014 – 1:00 pm to 4:00 pm EDT

Healthcare Facilities: Best Practices for Design & Applications

Part 1 - Wed, October 8, 2014 – 1:00 pm to 4:00 pm EDT

Part 2 - Wed, October 15, 2014 – 1:00 pm to 4:00 pm EDT

HVAC Design Training

2 Courses, 5 Days of Intense Instruction

November 2014 – Atlanta, GA

HVAC Design: Level I - Essentials

ASHRAE's *HVAC Design: Level I - Essentials* provides intensive, practical training for HVAC designers and others involved in delivery of HVAC services. Gain practical skills and knowledge in designing, installing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II - Applications

ASHRAE's *HVAC Design: Level II - Applications* provides advanced instruction on HVAC system design for experienced HVAC designers and those who complete the *HVAC Design: Level I - Essentials* training. In two days, gain an in-depth look into *Standards 55, 62.1, 90.1, and 189.1* and the *Advanced Energy Design Guides*. Training will focus on a range of topics including: HVAC equipment and systems; energy modeling; designing mechanical spaces; designing a chiller plant; and BAS controls.

Visit www.ashrae.org/hvacdesign to register

COK ASHRAE***Scholarship Opportunity***

Please help us promote the Central Oklahoma Chapter of the American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE) Scholarship by forwarding or sharing this email to your students. Applications must be submitted by December 1, 2014. This is an excellent opportunity for enrolled college & university students in a degree program related to HVACR. Detailed information about the scholarship is below along with the link to this specific application page. Students may also receive detailed instructions about our online application process by going to the scholarship page on our website at www.occf.org/scholarships.

Please know that applicants must complete a General Application before applying to specific scholarship opportunities. Think of the General Application as setting up a Student Profile. Submitting a General Application does not mean that an applicant has applied for any scholarships.

For answers to some of our most frequently asked scholarship questions, check out our [Scholarship FAQ Guide](#).

Please do not hesitate to be in touch with us should you have any questions about this scholarship:
scholarships@occf.org.

Central Oklahoma Chapter of the American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE) Scholarship

Eligibility:

- Must be enrolled at a university or college in the state of Oklahoma, completing a graduate or undergraduate engineering degree program related to HVACR.
- 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.

Funds may be used for tuition, fees and book expenses; payments are made directly to the school.

The Central Oklahoma Chapter of the American Society of Heating, Refrigeration and Air-conditioning Engineers Scholarship Fund was established in 2012 to encourage the study of the engineering fields related to heating, ventilation, air-conditioning and refrigeration (HVACR).

Award: \$1,000

Deadline: 12/01/2014

After completing the General Application/Student Profile, applicants must submit the **Supplemental Questions** (below) to complete the application:

1. Describe your past, current and/or future involvement in the HVACR industry. (Please limit to 300 words.)
2. Submit the name and email of an ASHRAE member or faculty who will provide a letter of reference on your behalf.

ASHRAE Certification Programs

BEMP Practice Exam Now Available

ASHRAE has launched a practice exam for the Building Energy Modeling Professional (BEMP) certification. The practice exam is designed to be similar in content and difficulty to the actual certification exam. It is a low-cost, online tool for limited self-assessment with a score report overview of performance at the end of the exam. Practice exams are already in place for the BEAP, CPMP and HFDP certifications. Practice exams for the HBDP and OPMP certifications are under development and should be launched later this year.

Visit www.ashrae.org/BEMP to learn more about the BEMP practice exam.

Visit www.ashrae.org/certification to learn more about ASHRAE certifications.

New Publications from ASHRAE

ASHRAE, a leader in building information technology, develops publications that impact every facet of the environment, both indoors and out.

Data Center Design and Operation – ASHRAE Datacom Series CD 4th Ed.



This CD-ROM presents the full text of all eleven ASHRAE Datacom Series publications and Standard 127-2012 in fully searchable and printable PDF format. Authored by ASHRAE Technical Committee 9.9, the Datacom Series provides comprehensive treatment of data center cooling, energy efficiency, and related subjects.

\$289 (\$246 ASHRAE Member) / CD / 2014

ASHRAE Reference Offers Design Guidance on Healthcare HVAC Systems



The second edition of *HVAC Design Manual for Hospitals and Clinics* provides in-depth design recommendations based on best practices from consulting and hospital engineers, with a focus on presenting what's different about healthcare HVAC systems.

\$129 (\$109 ASHRAE Member) / 312 pages / 2013

Visit www.ashrae.org/bookstore to learn more about these and other outstanding ASHRAE publications!

Central Oklahoma ASHRAE Rosters

Final rosters will be distributed at December's meeting. Please contact John Semtner for your copy or follow hyperlink below to download.



2014 ASHRAE Roster_FINAL.pdf



Refrigeration

Refrigeration Tour Announcement

By: Jason Keyes

The time you have all been waiting for is finally upon us.....The announcement of this year's COK ASHRAE refrigeration tour location is perhaps the most anticipated moment in our chapter year. For months you have waited with baited breath, and now, drum roll please.....This year our refrigeration tour will take us to the Francis Tuttle School of Culinary Arts! Located in beautiful northwest Oklahoma City, the school offer students 31,000 sq. ft. of space including 9 teaching kitchens, state-of-the-art cooking suites, and even a chocolate lab! (Not the dog). ASHRAE members will get a behind the scenes look at all the mechanical systems including of course the refrigeration equipment.

Please mark your calendars for the evening of Wednesday, March 4, 2015 and I will continue to provide more information.

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



Honor & Awards

Member Recognition: Dr Cassel

By: Tino Mendez

It has been brought to COK ASHRAE chapter's attention that Dr. David Cassel of Oklahoma Christian University has been nominated by ASHRAE Headquarters. Per Dr. Cassels:

"I was nominated by ASHRAE headquarters, and approved by the Engineering Technology Accreditation Commission (ETAC) of ABET, to serve as the sole ASHRAE commissioner for ETAC (ASHRAE also has one commissioner to EAC of ABET). The appointment has a 5-year term, during which I will chair ABET ETAC accreditation reviews of engineering technology programs. The commissioners also participate in the annual vote on accreditation actions. As the ABET ETAC commissioner, I am automatically a member of the ASHRAE Student Activities Committee (SAC), so will be attending both the winter and annual meetings of ASHRAE. In order to be eligible for nomination as a commissioner, one has to have served as a program evaluator; I have served as program evaluator for 13 EAC of ABET on-site visits on behalf of ASME, and now one on-site ETAC of ABET visit as chair on behalf of ASHRAE."



Dr. David Cassel

The COK Chapter would like to congratulate Dr. David Cassel of OCU on his recent nomination of sole ASHRAE Commissioner of ETAC.

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



Save these dates:

Oct 1:	50 Penn Place	11:30 AM	Michael Teague on OK's Energy Future
Nov 5:	50 Penn Place	11:30 AM	Ed Tinsley on Retro-Commissioning
Dec 3:	50 Penn Place	11:30 AM	Bruce Pitts on Ethics
Jan 7:	50 Penn Place	6:00 PM	VRF & ASHRAE 15
Feb 4:	50 Penn Place	11:30 AM	Distinguished Lecture on ASHRAE bEQ
Mar 4:	Francis Tuttle	6:00 PM	Tour and Spouse Dinner
Apr 1:	50 Penn Place	11:30 AM	HVLS Fans & ASHRAE 55
May 6:	50 Penn Place	11:30 AM	Psychrometrics

*Register and pay on our website: ashraecok.org

2017 CRC Committees

We are still looking for CRC committee volunteers. Please contact John Semtner or Joe Sanders for more information.

CRC Secretary
Sponsorships/Marketing
Golf Outing

Registration
Hotel Coordinator
Transportation

Off Site Events/Marketing
IT/AV
VIP Host

Companions' Activities
Tech Sessions

Upcoming Meetings and Events

Date	Event	Location	Topic	Presenter
11/05/14	November Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Retro-Commissioning of Health Care Facilities (Bring a Guest)	Ed Tinsley
12/03/14	December Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Ethics (Joint Meeting with other PEs)	Bruce Pitts
01/07/15	January Meeting	50 Penn Place, 3rd Floor 6:00pm	Variable Refrigerant Flow (Past Presidents Night)	TBD
02/04/15	February Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	ASHRAE bEQ Program (New Member Reconignition)	Ross Montgomery (Distinguished Lecturer)
03/04/15	March Meeting	Francis Tuttle Main Campus, 6:00pm	Kitchen Systems (Spouse's Night) Tour & Dinner at District 21 Kitchen	TBD
04/01/15	April Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	HVLS Fans & ASHRAE 55	Barry Warner
05/06/15	May Meeting	50 Penn Place, 3rd Floor 11:30am Lunch	Psychrometrics	TBD

2014-2015 COK CONTACT INFORMATION

	Contact	Company	Phone	Email
<u>OFFICERS:</u>				
President (CRC Delegate)	Joe Sanders	RB Akins Company	(405)947.6502	jsanders@rbakins.com
President Elect (CRC Alternate)	John Semtner	ADG	(405)232.5700	jsemtner@adgokc.com
Secretary	Mark Furgason	Automated Building Systems	(405)947.1794	mark.furgason@abscompanies.com
Treasurer	Stephanie Thomas	TME, Inc	(405)463.6570	stthomas@tmeinc.com
<u>BOARD OF GOVERNORS:</u>				
Board of Governors	David Royal	Automated Building Systems	(405)948.1794	david.royal@abscompanies.com
Board of Governors	Rick Marsh	Trade Mechanical	(405)521.1497	rmarsh@trademech.com
Board of Governors	Grant Flurry	Federal Corporation	(405)239.7320	gflurry@federalcorp.com
Board of Governors	Brian Sauer, P.E.	F+S+B	(405)840.2931	bsauer@fsb-ae.com
Board of Governors	Adam Shupe	Burns & McDonnell	(405)200.0306	ashupe@burnsmcd.com
Board of Governors	Michael Wilson	Guernsey US	(405)416.8373	Michael.wilson@guernsey.us
Board of Governors	Daniel Brazeale	Engineered Equipment Inc.	(405)525.7722	dbrazeale@eei-ok.com
Board of Governors	Jason Keyes	Automated Building Systems	(405)948.1794	jason.keyes@abscompanies.com
Board of Governors	Dusty Stoabs, P.E.	F+S+B	(405)840.2937	dstoabs@fsb-ae.com
<u>COMMITTEE CHAIRS:</u>				
Historian	Alan Loeffler	Federal Corporation	(405)239.7301	aloeffler@federalcorp.com
Research Promotion	Adam Shupe	Burns & McDonnell	(405)200.0306	ashupe@burnsmcd.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	Caleb Spradlin	TME, Inc	(405)463.6570	cspradlin@tmeinc.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, Homepage, & Electronic Comm.	David Royal	Automated Building Systems	(405)948.1794	david.royal@abscompanies.com
Honors & Awards	Tino Mendez	Retired	(405)843.3579	tinomendez@cox.net
Newsletter	Damon McClure	Harrison-Orr Air Conditioning	(405)520.2492	damonm@harrisonorr.com
Social Media Chair	Madison Schultz	PSA Consulting Engineers	(405) 840-1901x3012	mschultz@psaokc.com