



Central Oklahoma Chapter

ISSUE 8 - APRIL
2013-2014 EDITION

Sou'Wester

Monthly Newsletter of the Central Oklahoma Chapter



Chapter President
David Royal

Welcome to the 2014 Central Oklahoma Chapter's 2014 Fiscal Year. Two those of you who do not know me, I'm a Nebraska transplant who moved here in June 2008. I was on the Nebraska Chapter BOG from 1983-1989, President in 1987-88, Region IX Vice Chairman of TEGA 1998-2001 and Chairman of the 2002 Nebraska Chapter CRC.

Your BOG voted to establish a new website (www.ashraecok.org) this year. We believe this new website will allow us to serve you better. It is still a work in progress but we are confident most of you will like the end result.

President's Message continued on Page 2

UPCOMING EVENTS

November Meeting

November 6th at 50 Penn Place in 3rd floor retail space

11:30am Lunch (\$20 at the door)

12:00pm Presentation by FSB BIM Team, the topic will be BIM Storm OKC

1:00pm Wrap-Up

PRESIDENT'S MESSAGE

Continued from Page 1

This year started off with a great turnout at our Annual Golf Tournament held at Kickingbird Golf Club on September 9th. Thanks to our sponsors and participants, we raised over \$10,000 for ASHRAE Research and the Oklahoma Chapter Scholarship Endowment. The sponsors and a couple of pictures are listed on our website. This summer Dr. Jeffery Spitler from OSU won the prestigious E.K. Campbell Award of Merit. The award includes a \$10,000 honorarium. [Read more...](#)

Associate professor Lorenzo Cremaschi, PhD, School of Mechanical and Aerospace Engineering, was the recipient of one of ASHRAE's first Innovative Research Grant. The base grant is for \$50,000 for the first two years with an additional \$25,000 the third year if matched by an industrial contributor. Read more about Dr. Cremaschi's grant [here.....](#) Our October meeting featured an interesting presentation by Luke Prescott, Senior Account Specialist with Bluebeam Software, a dynamic young speaker, who shared some "tricks of the trade" to take advantage of today's PDF file manipulation techniques.

Our November 6th chapter meeting will feature a team (see upcoming meeting invitation for Bios) from Frankfurt, Short Bruza discussing a fascinating international online design charrette entitled BIMstorm OKC last fall. They, along with other design teams from around the country, international teams and a team of students and faculty from the University of Oklahoma, College of Architecture collaborated to share ideas for a new development on the banks of the Oklahoma River. [Read more....](#)

David Royal

ASHRAE Central Oklahoma Chapter President

Did you know.....

David C. Peters Scholarship: \$5,000 for one year has been awarded to Mei Yung Wong, Oklahoma State University, mechanical engineering. The scholarship is awarded to a third-year student in a four-year undergraduate mechanical engineering program or a fourth-year student in a five-year undergraduate mechanical engineering program. The scholarship was created by Southland Industries to honor Peters, an advocate of recruiting quality.

Region VIII Scholarship: Gaizka Laso, University of Oklahoma, industrial engineering. The scholarship is awarded to students attending schools within the geographic boundaries of ASHRAE Region VIII, which includes Arkansas, Oklahoma, Mexico and parts of Louisiana and Texas.

Support ASHRAE Research and promote your industry!

ASHRAE conducts timely research to remain the foremost, authoritative and responsive international source of technical and educational information, standards and guides on the interaction between people and the indoor and outdoor environment through the operation of HVAC&R systems in buildings and other applications. When you invest in ASHRAE Research, you are investing in our future.

The best part is that 100% of your contribution goes directly towards ASHRAE Research.

And we need your help today! There is over \$2.5million worth of research waiting on funding. We need your help to ensure that the research of tomorrow is funded today! You can submit your investment quickly and safely online at www.ashrae.org/contribute or send a check made out to ASHRAE Research and send to:

ASHRAE Research



My name is Caleb Spradlin and I am a recent graduate from the University of Oklahoma. I am currently a design engineer at TME. I am looking forward to working with high school and college students to spark their interest in this industry. I am excited about the coming year and have several activities planned. I will be looking for ASHRAE members to volunteer

as judges for a high school competition during engineer's week. I would welcome any additional ideas geared towards middle school and grade school students. Lastly, I would like to promote the scholarship opportunities provided by the Central Oklahoma ASHRAE Chapter.

YEA is for any ASHRAE Member aged 35 and younger. It is a committee developed by ASHRAE to create a community of young members to help develop your professional foundation (whether through educational programs, expanding your network, etc.). I plan to have several social meetings and a couple of events. I am excited to meet everybody. If you are interested in participating in YEA and have not been contacted by me yet, please give me a call or email. Our goal this year is to increase turnout at the YEA events and hopefully have a great time with other ASHRAE members of similar ages and experiences.

We had our first social at Republic (thanks to Trane and EEI for picking up tab!!!). I will send out invite for our next Happy Hour and work on scheduling an event. We are always looking for sponsors for the YEA events as well. If your company is interested please let me know. If you would like more information about YEA, please contact me or go to www.ashrae.org/YEA.

2014 Golf Outing Results

1st Place—Score 57

Team Members: Rusty Riggs, Mike Vaughn, Chuck Darr,

2nd Place—Score 58

Team Members: David Flick, Justin Love, David Hames, Bryan Garcia

3rd Place—Score 63

Team Members: Rick Marsh, Gary Jones, Mark Meier, Dan Mockabee

Longest Drive—David Flick

Closest to the Pin—Mark Meier

On September 9th, the Central Oklahoma Chapter of ASHRAE held it's annual golf tournament. We had a great day for golf. We hosted over 82 golfers to Kickingbird Golf Course to a great day for golf and an incredible dinner. We also had 26 sponsors that helped this be an ever better day for the 2 beneficiaries of the tournament, scholarship and ASHRAE Research. Due to the support of our community and our golfers, we were able to raise over \$10,000 that will be split between the two groups. Again thank you to all of our sponsors and everyone who helped out with this great event. A special thanks to ABS for providing the after outing meal!



ASHRAE Central Oklahoma Chapter 56th Annual Golf Outing

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050 Engineering

Gold Sponsors *This Hole Sponsored By*

Alvine Engineering

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Benefiting scholarships and research promotion

ASHRAE Central Oklahoma Chapter 56th Annual Golf Outing

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Benefiting scholarships and research promotion

Special Thank You to all of our golf tournament sponsors!


ASHRAE Central Oklahoma Chapter

56th Annual Golf Outing

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56th Annual Golf Outing

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Special Thank You to all of our golf tournament sponsors!

AMERICAN SOCIETY OF PLUMBING ENGINEERS
Oklahoma City Chapter
BASIC PLUMBING DESIGN

TOPICS:

Basic Plumbing Design:

Thursday, November 14, 2013

- Introduction & History to Plumbing
- Plumbing Definitions & Codes
- Plumbing Fixtures, Trim & Chase Requirements
- Piping & Fittings
- Storm Drainage Piping Systems Design/Examples
- Sanitary Sewer & Vent Piping Systems Design/Examples

Basic Plumbing Design:

Friday, November 15, 2013

- Domestic Cold Water Piping Systems Design
- Domestic Cold Water Piping System Design/Examples
- Domestic Hot Water Piping Systems Design
- Domestic Hot Water Piping Systems Design/Examples
- Natural Gas Piping Systems Design
- Sizing Pumps & Sizing Pump Piping Systems (Time permitting)

TIME:

Thursday, Nov. 14, 2013

8:00AM – 4:30PM

Friday, Nov. 15, 2013

8:00AM – 4:30PM

LOCATION:

ZRHD, P.C.
1318 N. Robinson Ave.
Oklahoma City, OK 73103

OKC ASPE will be presenting "Basic Plumbing Design". The course is tailored to assist new members to the plumbing design community the basics of plumbing design. Terminologies, trade tendencies, history of the profession, basic calculations, and several other critical areas of design will be covered. Class will begin at 8AM on Thursday & Friday. Continental Breakfast will be served both days. Lunch will also be provided both days. The class will consist of a total of 16 hours of training and each attendee will receive a Copy of the OKC ASPE Course Handbook and a certificate for 1.6 CEU'S or 16.0 REU'S.

COST:

Cost will be \$175.00 for ASPE Members and \$ 275.00 for non-ASPE Members. Special rate of \$300 is being offered for anyone who would like to take the course and join our local DFW ASPE chapter. In addition, there will be a special \$50 Rate for Students (enrolled in 12 credit hours of coursework). This will include the class and membership into the ASPE organization.

INSTRUCTORS:

Michael Danielson, CPD of Reed, Wells, Benson & Co will be your instructor. Michael is the Education Chairman for the DFW ASPE Chapter. Michael brings with him a wealth of experience in designing plumbing systems in healthcare, municipal, multifamily, and institutional designs.

Application:

Contact John Parks, President ASPE-OKC for Application and More Information on the Class.

Phone: (405) 942-8475 or e-mail applications to: aspeokc@gmail.com

Course Application:

Member ASPE: (YES / NO) Member No:

- Please note that a minimum class attendance is required in order for this class to proceed. If the minimum number of participants have not registered prior to 5pm Thursday November 7th, the class will be cancelled. OKC ASPE will fully refund registration fees only if class is cancelled due to lack of applicants. OKC ASPE will not refund any applicants travel or lodging expenses due to cancellation based on aforementioned above. Registration fees only will be refunded if the applicant cancels prior to 5pm Thursday November 7th.

BOARD OF GOVERNORS MEETING MINUTES

ASHRAE Central Oklahoma Chapter

Board of Governor's Meeting Minutes

October 29, 2013 – Junior's Restaurant

President David Royal called the meeting to order at 11:40 AM

Attendees:

Chapter Officers Present:

David Royal—President
Shaun Sexton—Treasurer

Board of Governors Present:

Tim Jones
Jason Keyes
Rick Marsh
Mark Fergason
Stephanie Thomas
Michael Wilson
Dusty Stoabs

Absent:

Grant Flurry
John Semtner—Secretary
Joe Sanders—President Elect
Daniel Brazeale
Brian Sauer

Members Present:

Bryan Garcia
Caleb Spradlin
Aruna Abhayagoonawardhana
Adam Shupe

Meeting Minutes:

Meeting Minutes from September 23rd, Board of Governors Meeting were presented. Tim Jones made a motion to accept, Jason Keyes seconded. Minutes were approved.

Treasurer's Reports:

Shaun Sexton emailed the financial reports for September and October to all BOG members earlier in the day and reviewed them with the Board. The reports were placed on file.

President's Report:

David shared the password to the StarChapter Admin site and encouraged committee members to take online training.

David reported that the Ad Hoc investment committee met with a Bank of Oklahoma investment advisor and selected 4 separate investments for the CRC funds. A check for \$10,335.38 (Previous year's allocations plus last year's) is being sent to the investment advisor for the purchase of the investment instruments.

Committee Reports:

Membership: Tim Jones – Reviewed the latest membership report with the Board. He personally contacted 14 of the delinquents who assured him they were renewing. Unfortunately we are going to lose several members who have retired or have left the industry. However, we are currently at a net of +1. Our goal is +4.

Research Promotion: Adam requested that we send in \$500 of the profits from the golf outing to RP by the October 31 deadline for the ASHRAE Region VIII scholarship fund.

Special Events & Newsletter: Bryan Garcia – Still has \$1,300 of sponsorship pledges to collect. He also asked for committee reports for the newsletter which he is planning on publishing this week.

Technology Transfer: Daniel Brazeale via Tim Jones – Speakers for all meetings for this year are set and confirmed. He still needs a speaker for the May meeting.

Government Affairs: Adam Shupe is a member of the Oklahoma City Building Code Commission.

History: Jason Keyes presented a proposal from Joel David Digital for digitizing our historical photographs and other important documents. For \$350 Mr. David will digitize up to 300 items. Motion to approve tabled until the final budget is approved.

Student Activities: Caleb Spradlin – Has sent scholarship information to the OU & OSU student chapter presidents. A

YEA: Michael Wilson – Reported that 6 YEA members attended their first official Happy Hour at the Republic GastroPub.

New Business: David Royal presented the Audit Committee Checklist that Tino prepared after the auditing committee completed their review of last year's books. Tim Jones made a motion to make the checklist a "Rules of the Board" for future reference. Mark Furgason seconded the motion. The motion passed unanimously.

There was no other new business

President David Royal adjourned the meeting at 12:45 PM

Chapter Finances

10/29/2013
CENTRAL OKLAHOMA CHAPTER ASHRAE
BALANCE SHEET
As of 10/29/2013

Account	Total
<u>Assets</u>	
Bank and Cash Accounts	
Bank of the West CD01	0.00
Bank of the West CD02	0.00
Checking-BOK	26,031.07
Petty Cash Meeting Meal Change	0.00
Undeposited Funds	0.00
Total Bank and Cash Accounts	26,031.07
Other Assets	
Accounts Receivable - old	0.00
Total Other Assets	0.00
Account Receivable	
Accounts Receivable	0.00
Total Account Receivable	0.00
Investment Accounts	
Bank of Oklahoma CD03	0.00
Bank of Oklahoma CD03 (Cash)	0.00
BOK Pershing	10,335.38
BOK Pershing (Cash)	0.00
Total Investment Accounts	10,335.38
Total Assets	36,366.45
<u>Liabilities</u>	
Other Liabilities	
Prepaid Meals	0.00
Total Other Liabilities	0.00
Tax Liabilities	
Sales Tax	0.00
Total Tax Liabilities	0.00
Total Liabilities	0.00
Net Worth	36,366.45

10/29/2013
CENTRAL OKLAHOMA CHAPTER - TREASURER'S REPORT - INFLOWS/OUTFLOWS
10/1/2013 through 10/29/2013

Subcategory	Total
<u>Inflows</u>	
Dues, Society	640.00
Receipts, Chapter Meals	
Oct 13	665.67
Total Receipts, Chapter Meals	665.67
Total Inflows	1,305.67
<u>Outflows</u>	
Chapter Meals/Meeting Exp	
Oct 13	671.15
Total Chapter Meals/Meeting Exp	671.15
Chapter Website	
Chapter Website - Unassigned	100.00
Total Chapter Website	100.00
Legal Fees	77.00
Membership Promotion	
Membership Promotion - Unassigned	236.00
Total Membership Promotion	236.00
Postage/Delivery	15.46
Special Event Expenses	
Fall Golf 13	564.26
Total Special Event Expenses	564.26
Total Outflows	1,663.87
Income less Expenses	(358.20)

BOARD OF GOVERNORS CONTACT INFORMATION

Officer Name	Role	Company	Phone	Email
David Royal	President	Automated Building Systems	(405)840.2931	David.royal@abscompanies.com
Joe Sanders	Secretary	RB Akins Company	(405)947.6502	jsanders@rbakins.com
Shaun Sexton	Treasurer	050 Engineering Company	(405)236.2030	ssexton@050engineering.com
Alan Loeffler	Historian	Federal Corporation	(405)239.7301	aloeffler@federalcorp.com
Alejandro Garcia	Chapter Delegate	SAIC	(405)478.5353	alejandro.garcia@saic.com
	Honors and Awards			
Bryan Garcia, P.E.	Webmaster	Trane Company	(405)717.7614	bdgarcia@trane.com
	Special Events			
Daniel Brazeale	YEA Coordinator	Engineered Equipment	(405)525.7722	dbrazeale@eei-ok.com
	Board of Governors			
	Tech Transfer Chair			
Timothy Jones	Member Promotions	Engineered Equipment	(405)525.7722	tjones@eei-ok.com
	Board of Governors			
Brooke Enochs	Student Activities Chair	Tinsley-Mullens Engineers	(405)463.6570	benochs@tmecorp.com
Tony Clark	Newsletter Editor	Tinsley-Mullens Engineers	(405)463.6570	tclark@tmecorp.com
Brian Sauer	Tech Energy & Gov.	Garver	(405)329.2555	basauer@garverusa.com
	Board of Governors			
David Royal	Research Promotions	Automated Building Systems	(405)245.5409	david.royal@abscompanies.com
	President Elect			
Grant Flurry	Board of Governors	Federal Corporation	(405)239.7320	gflurry@federalcorp.com
Jason Keyes	Board of Governors	Siemens	(405)615.6690	jason.keyes@siemens.com
John Semtner	Board of Governors	Architectural Design Group	(405)808.5894	jsemtner@adgokc.com
Mark Furgason	Board of Governors	Automated Building Systems	(405)948.1794	mark.furgason@abscompanies.com



Board of Governors at Sportsman's Club on October 29, 2012.

Upcoming Meetings and Events

Date	Event	Topic	Presenter
11/6	November Meeting	BIM Storm OKC	FSB BIM Team
12/4	December Meeting	Insuring Energy Efficient and Healthy Buildings— Effective Control of Outside air	Peter Hmelyar, Aircuity
1/8	January Meeting	HVAC Acoustics Strategies for Indoor and Outdoor Applications	Brandon Wallace, BRD— Noise and Vibration Control, Inc.
2/5	February Meeting	Single Zone VAV	Brett Smith, Aaon
3/5	March Meeting	Liquid Desiccant AC Technology	Trevor Wende, Advantix Systems
4/2	April Meeting	Acoustics that make the Grade, Improving Sound Performance in Classroom Environments	Lily Wang, Distinguished Lecturer
5/7	May Meeting	TBD	TBD