



# Central Oklahoma Chapter

ISSUE 4 - January  
2013-2014 EDITION

## Sou'Wester

Monthly Newsletter of the Central Oklahoma Chapter



Chapter President  
David Royal

**G**reetings: I ran across this marketing piece from McGraw Hill Construction which I want to share with you. This is an excerpt from the piece entitled:

### 5 STRATEGIES FOR SUCCESSFUL NETWORKING

#### **No. 3** EXPAND YOUR NETWORK THE OLD-FASHIONED WAY (Note: I added the ASHRAE references)

“Thanks to technology, contracts have easier access to contact information and project details. But don’t let this cause you to forgo investing the time and money to attend good, old-fashioned networking events. Meeting a design professional or building owner over drinks at an association event or sitting next to one at a seminar is a far more effective way to network than making cold calls.

*President’s Message continued on Page 2*

#### UPCOMING EVENTS

##### March Meeting

March 5th at 50 Penn Place in 3rd floor retail space

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

12:00pm Liquid Desiccant Technology - As much as heat can be challenge in the summer, humidity can pose even more of a problem.

1:00pm Wrap-Up

##### April Meeting

April 2nd at 50 Penn Place in 3rd floor retail space

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

12:00pm Improving Sound Performance in Classroom Environments - Distinguished Lecturer Dr. Lily Wang is an Associate Professor and Program Coordinator of the Architectural Engineering Program within the Durham School of Architectural Engineering and Construction at the University of Nebraska – Lincoln.

1:00pm Wrap-Up

*Continued from Page 1*

You can:

- Attend national and local construction industry trade shows and meetings (ASHRAE), where you can meet people and obtain new information to share with others.
- Participate in professional groups. Join boards, special committees, interest groups, etc., where you can volunteer and demonstrate your expertise. The easiest way to develop relationships is in the informal, social or educational settings that are available at industry association meetings, such as the Association of General Contractors OR ASHRAE.
- Join owner associations such as BOMA (Building Owners and Managers Association) or IFMA (International Facility Managers Association) for opportunities to network with owners.
- Create visibility by writing and speaking on topics of interest at professional group workshops or monthly ASHRAE chapter meetings.”

#### About McGraw Hill Construction

McGraw Hill Construction serves more than one million customers through its trends and forecasts, industry news, and leading platform of construction data, benchmarks, and analytics, including Dodge MarketShare, Dodge BuildShare, and Dodge SpecShare.

As part of the local Engineering Week activities the Oklahoma Society of Professional Engineers (OSPE) Central-Southwest Chapter is **sponsoring the *Joint Engineering Societies Banquet (JESB)***. (See the flyer for registration information)

This event, held in conjunction with Engineer’s Week highlights a week-long celebration of engineering and technology. For more information go to:

(<http://www.nspe.org/resources/partners-and-state-societies/national-engineers-week> )

Upcoming CRC in Little Rock - I spent some time in Austin @ last year’s CRC with the guys in charge of planning the upcoming CRC in Little Rock. They were excited about hosting and promised a good time for all who can make it.

Central OK Chapter BLOG: We have been updating our website blog almost weekly with reposts from various departments from Society. If you are interested in following our Blog, we now have an RSS feed ([About RSS Feeds](#)). Simply sign into the member’s area; click on the blog tab and subscribe.

David Royal

*ASHRAE Central Oklahoma Chapter President*

## History Room for Central Oklahoma ASHRAE Chapter:

By Alan Loeffler

Central Oklahoma ASHRAE Chapter "History Room". Thanks to the hard work of Dr. Faye McQuiston and others, the massive amount of records, pictures, honors, books, correspondence, etc. collected over our 75+ years have been reduced to about 5 cardboard boxes as shown. Bob Vermillion and Bill Collins housed these mementos until their deaths. All has been sorted and itemized. They are being housed for now in a room at Federal Corporation.



### Job Opening:



Frankfurt-Short-Bruza has immediate openings for Mechanical Engineers and Designers of all experience levels.

Some of the benefits of working at FSB include:

- Competitive salary and extensive benefits package, which includes medical, dental, vision, basic life, short term and long term disability benefits
- Opportunity to work on diverse local, national, and international projects
- Opportunity to gain experience designing a wide range of HVAC systems
- We provide a collaborative, creative environment where each person feels encouraged to contribute to our processes, decisions, planning and culture
- Training and support in obtaining PE License

If you are an individual who would like to join a progressive company that offers a positive working environment, send your resume and salary history to [employment@fsb-ae.com](mailto:employment@fsb-ae.com). Salary is commensurate with experience and professional licensure.

*FSB is an Equal Opportunity/Affirmative Action Employer.*

### YEA

By Michael Wilson

We have been having a great time meeting new people this year at the YEA events. Everyone enjoyed bowling at RedPin and hopefully we can do that again next year. There was a pretty good turnout at our last Happy Hour at Republic GastroPub on January 17<sup>th</sup>, but we would love to see more people attend. Thanks to Trane, EEI, and R.B. Akins for sponsoring the Happy Hours. Be looking for information on our next event in February. 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](http://www.ashrae.org/YEA).

Michael Wilson can be reached at 405-416-8373 or [michael.wilson@guernsey.us](mailto:michael.wilson@guernsey.us).

## ASHRAE Spring Online Courses Cover Significant Updates to 90.1-2010, Career Enhancement

ATLANTA – Expert knowledge of sustainable techniques is in demand and the 13 online courses being offered this spring through the ASHRAE Learning Institute (ALI) allow professionals to keep up with the latest industry trends.

Participants can access these instructor-led courses from anywhere with an Internet connection, and earn continuing education units/professional development hours for each course completed.

New this spring is the short course “Significant Changes to Standard 90.1-2010,” on May 14. This course provides an in-depth overview of the standard and answers questions about changes from previous editions in envelope, lighting and mechanical sections.

“90.1-2010 represents the biggest change in the standard since it became a code document in 1999,” Mack Wallace, course instructor, said. “The 2010 standard contains over 100 changes from the 2007 version and decreases energy use in buildings by around 30 percent as compared to buildings built to the 2004 standard.”

Additionally, 90.1-2010 was recognized by the Department of Energy as the new national energy standard, meaning that the numerous jurisdictions are beginning to adopt the standard.

“Each of the states will be required to adopt some form of 90.1 for use on commercial buildings” Wallace said. “The focus of these government organizations will now move to compliance with the standard. All building design professionals will need to be familiar with the new standard as it becomes law.”

The course also is part of ASHRAE’s Career Enhancement Curriculum, which focuses on IAQ Practices and Energy Savings (ES) Practices. The program is a new way to help professionals expand their knowledge in specific areas of HVAC&R and advance their careers.

The courses offered this spring cover a variety of topics relevant to today’s built environment, including:

- **Commissioning**
  - “Commissioning Process in New and Existing Buildings, Parts 1 & 2” (March 26, April 2)
- **Environmental Quality**
  - “IAQ Best Practices for Design, Construction and Commissioning” IAQ Practices (May 1)
  - “Troubleshooting Humidity Control Problems” IAQ Practices (March 24)
- **Energy Efficiency**
  - “Commercial Building Energy Audits, Parts 1 & 2” (April 28, 30)
  - “Basics of High-Performance Building Design” (May 8, 2014)
  - “Energy Modeling: Best Practices and Applications, Parts 1 & 2” (May 5, 12)
  - NEW “Evaluation Methods for High-Performance Green Buildings” (May 7)
- **HVAC Applications**
  - “Introduction to BACnet®” (April 14)
  - “Designing High-Performance Healthcare Facilities” (April 23)
- **Standards & Guidelines**
  - “Complying with Standard 90.1-2013, Parts 1 & 2” ES Practices (April 7, 9)
  - “Fundamentals and Application of Standard 55” [IAQ Practices](#) (March 31)
  - “Fundamental Requirements of Standard 62.1-2013” [IAQ Practices](#) (March 12)
  - NEW “Significant Changes to Standard 90.1-2010” [ES Practices](#) (May 14)

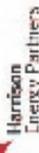
ALL courses provide professional development through in-depth information that is timely, practical and advanced beyond a fundamental level. Courses are offered every spring and fall.

For pricing or to register, visit [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses).

ASHRAE, founded in 1894, is a building technology society with more than 50,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow’s built environment today.

# Thank you to our Sponsors!

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- Tech Sessions Tom Harrison
- Golf Outing Randy Moore
- Transportation Steve McConnell
- VIP Host Bill Harrison

## Conference Locations



# 2014 Region VIII CRC

April 24-26  
Little Rock, AR



Hosted By



# 2014 CRC Agenda

## Wednesday, April 23

4:00 pm—7:00 pm | Registration  
Hotel Lobby/Balcony

## Thursday, April 24

7:00 am—6:00 pm | Registration  
Hotel Lobby/Balcony

7:00 am—6:00 pm | Hospitality Suite Open  
Room Number TBD | Companions Welcome

8:30 am | Golfers Meet  
Hotel Lobby

10:00 am | Golf Outing  
Maumelle Country Club  
100 Club Manor Dr | Maumelle, AR 72113

4:00 pm—5:00 pm | Caucus Orientation  
Hoffman Room

6:00 pm—9:00 pm | Welcome Party  
Companions Welcome

Arkansas Museum of Discovery  
500 President Clinton Ave | Little Rock, AR

8:00 pm—?? | YEA After Party  
Coordinated by ASHRAE Arkansas YEA  
Sony Williams Steak Room  
500 President Clinton Ave | Little Rock, AR

## Friday, April 25

7:00 am—5:00 pm | Registration  
Hotel Lobby/Balcony

6:45 am—7:45 am | Caucus Breakfast  
Lafayette Room

7:00 am—6:00 pm | Hospitality Suite Open  
Room Number TBD | Companions Welcome

8:00 am—11:45 am | Business Session  
10:00 am—10:15 am | Break  
Statehouse Convention Center Ballroom C

11:00 pm—11:45 pm | President's Luncheon  
Statehouse Convention Center Ballroom B

1:00 pm—5:00 pm | Technical Sessions  
Harris Break

2:00 pm—3:15 pm | Ed Tinsley, TME, Inc.

"Retro-Commissioning Healthcare Facilities"

3:45 pm—3:30 pm | Break

3:30 pm—4:45 pm | Richard Royce, Walmart  
"Refrigeration Design"

6:00 pm—9:00 pm | Friday Night Social  
Companions Welcome

Clinton Presidential Center  
1200 President Clinton Ave | Little Rock, AR

## Friday, April 25 | Companion Outing

11:00 am | Depart for Tour

11:30 am—2:00 pm | Lunch and Sightseeing  
Mark Twain paddleboat

## Saturday, April 26

7:00 am—11:00 pm | Hospitality Suite Open  
Room Number TBD | Companions Welcome

7:00 am—11:00 pm | Registration  
Hotel Lobby/Balcony

7:00 am—7:45 am | Newsletter Judging  
Peck Room

8:00 am—9:45 am | Workshops  
Webmaster/Electronic Communications | Lafayette Room  
Chapter Operations | Neo-sha Room  
Research Promotions | Grammas Room  
Historian | Petit Jean Room  
CTTC | Chicot Room  
Grassroots Governmental Affairs | Ouachita Room

8:00 am—11:45 am | Golden Gavel Committee  
Riverview Room

9:45 am—10:00 am | Break

10:00 am—11:45 am | Workshops  
Refrigeration | Lafayette Room  
Student Activities | Neo-sha Room  
Newsletter | Grammas Room  
Membership | Petit Jean Room  
Chapter Treasurer | Chicot Room  
YEA | Ouachita Room

11:00 pm—1:45 pm | Awards Luncheon  
Companions Welcome

Statehouse Convention Center Ballroom B

2:00 pm—3:30 pm | Business Meeting

Statehouse Convention Center Ballroom C

3:30 pm—5:00 pm | Executive Session

Statehouse Convention Center Ballroom C

3:30 pm—5:00 pm | CRC Debrief  
Marion Room

## Saturday, April 26 | Companion Activities

10:00 am—11:30 am | Chair Massages & Painting  
Hospitality Suite

**TO ALL ENGINEERING &  
TECHNOLOGY PROFESSIONALS:**  
*The 2014 Central Oklahoma Joint  
Engineering Societies Banquet is  
February 20, 2014!*



The Oklahoma Society of Professional Engineers (OSPE) Central-Southwest Chapter is proud to once again sponsor the **Joint Engineering Societies Banquet (JESB)**. This event, held in conjunction with *Engineer's Week* (<http://www.nspe.org/resources/partners-and-state-societies/national-engineers-week>), highlights a week-long celebration of engineering and technology. We invite the many central Oklahoma engineering societies to join us!

This year's JESB will be held Thursday, February 20 at the Oklahoma Christian University (OC) Gaylord Student Center in Edmond, OK (2501 E. Memorial Road) beginning at 6:00PM. Ticket price is \$18.00 per person if ordered on-line (\$16.12 + \$1.88 fee) or \$17.00 per person if paying by check. See below for ticket ordering information. A number of students will also attend the banquet including participants in *Engineer for a Day*, *Future City*, and *MATHCOUNTS* programs. These students represent our engineers of tomorrow!



Our program features Dr. Paul J. Tikalsky, Dean of Engineering at Oklahoma State University (OSU). His program is entitled:

**"Engineers for the Next Generation"**

Dr. Tikalsky assumed the role of OSU Engineering Dean on July 1, 2012. He also serves as tenured Professor in the OSU Department of Civil and Environmental Engineering and as an adjunct Professor in the OSU School of Materials Science and Engineering. He has achieved highly accomplished expertise and will bring a fresh vision to the OSU engineering college.

This program highlights many of Dr. Tikalsky's goals and objectives for developing next generation engineers. He says: "I look forward to developing the College into a great place of learning and discovery. I have a passion for students, and love to see them realize that science, math, business, and art can be used together to invent new technologies, solve environmental problems, design bridges & buildings, improve public health, preserve resources and make our lives better."

Dr. Tikalsky received his B.S. in Civil and Environmental Engineering from the University of Wisconsin, and both his M.S. and Ph.D. in Structural Engineering from the University of Texas at Austin. He has served as a professor of Civil and Environmental Engineering at Penn State University, professor of Civil Engineering at Santa Clara University, and lastly at the University of Utah where he served as Department Head of Civil and Environmental Engineering.

Per Dr. Tikalsky: "My background in civil and environmental engineering, as well as my work in structural materials and industrial byproduct utilization, is highly interdisciplinary in nature." He seeks to develop the OSU engineering college to harness these and other skills to solve large problems to improve our world along with the Oklahoma economy.

On-line ticket orders are available via EventBrite at: <http://www.eventbrite.com/e/joint-engineering-societies-banquet-tickets-10282233437?aff=es2&rank=0&sid=fe2999b087ce11e3b6cb1231390f9522> or go to [www.eventbrite.com](http://www.eventbrite.com) and search for "joint engineering societies" (\$16.12 + 1.88 fee = \$18.00 total per ticket).

To order tickets by check, please make checks to "OSPE Central/SW Chapter", \$17.00 per ticket. Please complete the form below to include with the mailing. Mail all to: Curtis M. Vickery, Chair, OSPE Central/SW Chapter, 1700 Remington Road, Edmond, OK 73034. **DEADLINE to order banquet tickets is Monday, February 17.** If questions arise please contact me at: ph: 405-248-0025 or e: [vickeryc1@asme.org](mailto:vickeryc1@asme.org).

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
(Tickets can be mailed to attendees or picked up at the event -- PLEASE INDICATE PREFERENCE)

Phone: \_\_\_\_\_

Number of Adult Tickets: (\$17 per person check price) \_\_\_\_\_

Number of Student Tickets: (\$17 per person check price) \_\_\_\_\_

Student Names: (If you are purchasing student tickets please list their names here. If you are donating funds to apply to students who will be attending, please write "donation" here)

\_\_\_\_\_

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# BOARD OF GOVERNORS CONTACT INFORMATION

Officer Name	Role	Company	Phone	Email
David Royal	President	Automated Building Systems	(405)948.1749	David.royal@abscompanies.com
Joe Sanders	President Elect	RB Akins Company	(405)947.6502	jsanders@rbakins.com
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Bryan Garcia, P.E.	Webmaster Special Events Newsletter	Trane Company	(405)717.7614	bdgarcia@trane.com
Caleb Spradlin	Student Activities	TME, Inc	(405)463.6570	cspradlin@tmecorp.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