

OCTOBER MEETING

Central Arkansas

Date: Wednesday, October 1

Location: Diamond Bear Brewery

Cost: \$20

Schedule:

10:30a.m. Board Meeting

11:30a.m. Lunch / Technical Session

12:00-1:00p.m. Tour of Diamond Bear

Northwest Arkansas

Date: Thursday, October 2

Location: AQ Chicken / Core Brewing

Cost: Free (lunch extra)

Schedule:

11:30a.m. Lunch at AQ Chicken

Following Lunch: Tour of Core Brewing

THE PRESIDENT'S MESSAGE

By Terry Jacks



As ASHRAE President, I'm charged with guiding the chapter leadership in providing value for all of the membership. We've had many programs

and activities in the past that have been huge successes, but I don't want to limit us to only what has been successful in the past. There is plenty of room for new ideas and activities to help serve our membership.

One of the activities that I am especially proud of is the P.E. Review Session that will be held twice this year. For design engineers, one of the biggest milestones in your career is passing the Professional Engineer (P.E.) Exam and becoming licensed. The P.E. exam is an 8 hour exam for engineers with at least four years' post-college work experience in their chosen engineering discipline. I personally remember the long hours studying and preparing to take the test April 13, 2012 (Confession: I only remember the date because it was Friday the 13th). The months leading up to the test were filled

with working through test preparation books and seeking help from others who had taken the test before me. Because of my involvement in ASHRAE, I had made many contacts that had passed the exam recently and were more than willing to offer help with the best test preparation materials, lessons learned, along with other helpful tips. When it came to actual study time though, I studied alone because I didn't know anyone who was actually taking the test the same day as I was.

In order to better serve the engineers preparing for the P.E. exam, the Arkansas Chapter YEA began hosting a P.E. Review session in advance of the April test this past Spring, and held its Fall Review Session on September 17th in anticipation of the October test. This review session not only allows potential examinees to seek guidance from those who have recently passed the exam, but also allows the potential examinees to network and form their own study groups outside the review session. These review ses-

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ADVERTISE IN THE RAZORBACK REPORT

Jake Skinner — Newsletter Editor

If you would like to promote your business in the Razorback Report, now is the time to act! For a \$100 donation to ASHRAE Research Promotion, we will feature your business card in each newsletter for the remainder of the Society year. We can also feature a 5" by 5" corporate ad for a donation of \$400. Please hurry and contact Mark Mizell (mmizell@tmecorp.com) soon to ensure your ad gets as much exposure as possible!

MONTH	MEETING TOPIC	SPEAKER	SECTION	DATE	LOCATION	THEME
SEPT	HVLS (High Volume Low Speed) Fans	Barry Warner	Central	09.03.14	Camp Aldersgate	Chapter Awards
			NWA	09.04.14	AQ Chicken	
OCT	Brewery Refrigeration	Brewery Tours	Central	10.01.14	Diamond Bear Brewery	The "R" in ASHRAE
			NWA	10.02.14	AQ Chicken / Core Brewing	
NOV	President's Message: People, Passion, Performance	Tom Phoenix, Society President 2014-2015	Central	11.05.14	Camp Aldersgate	Gov't Affairs
			NWA	11.06.14	Arvest Ballpark	
DEC	Demand Control Ventilation Strategies for Improving Kitchen Exhaust	Mike Morgan	Central	12.03.14	Camp Aldersgate	Membership Promotion
			NWA	12.04.14	AQ Chicken	
JAN	Arkansas Building Authority-Successes and Lessons Learned	Clint Harper	Central	01.07.15	Camp Aldersgate	History
			NWA	01.08.15	AQ Chicken	
FEB	Green Maintenance Required to Keep HVAC Systems Green	Robert Baker (Distinguished Lecturer)	Central	02.04.15	Camp Aldersgate	Sustainability
			NWA	02.05.15	AQ Chicken	
MAR	Energy Efficiency Considerations in Building Heating Systems	Terry Stohls	Central	03.04.15	Camp Aldersgate	Research Promotion
			NWA	03.05.15	AQ Chicken	
APR	Offsite Meeting/Tour (Location TBA)	N/A	Central	04.01.15	TBA	Student Activities
			NWA	04.02.15	TBA	
MAY	Past President's Night	N/A	Central	TBA	TBA	Past Presidents Recognition
			NWA	N/A	N/A	

ARKANSAS CHAPTER MEETING MINUTES

Board Meeting of September 3, 2013

Max Good—Secretary

Members Present: Terry Jacks - President, Forrest Moseley - President Elect, Mark Eley - Treasurer, Max Good - Secretary, Tony DeMarco - Social, Zac Buckmiller - Student Activities, Ron McCarty - Membership, Melanie Richardson - Sustainability, Phil Watson - YEA, Drew Grant - Honors and Awards, Josh Faulkner - Reception, Tom Hanlon - Refrigeration, Jake Skinner - Newsletter

Call to Order: 10:35 a.m.

President - Terry Jacks:

- Opened the meeting
- Encouraged each chair to focus on MBOs and to communicate with their respective RVC
- Encouraged leadership to focus on RP goal
- Stated a Membership Promotion goal of 5% (net gain) increase
- Reminder to enter PAOE points on ASHRAE website
- Reminder to members of committees to form sub-committees in order to have a more productive year
- Looking into leadership training. Researching budgets and options (i.e. Robert's Rules of Orders)
- Reminder that the Winter Conference is in Chicago

- Encouraged leadership to achieve Full Circle donation milestone

President Elect - Forrest Moseley

- Still gathering options for speakers and topics for monthly meetings
- Discussed that the chapter will be participating in the formation and maintenance of a speaker database to assist our chapter and others in the pursuit of quality speakers and topics
- April and October meetings will focus on continuing education; perhaps a tour of Verizon Arena

Treasurer - Mark Eley

- Encouraged the use of the Pre-Pay Lunch Program
- Acknowledgement of tax deadline
- Investigating options for credit card payment at meetings.
- Investigating cost to digitize historical archives
- Will assist Terry with researching costs associated with a service such as Star Chapter

Social - Tony DeMarco

- Reminded membership to send in company logos for new golf tournament hole sponsorship signs

Student Activities - Zac Buckmiller

- Researching fund raising opportunities for student activities
- Students will be selling pork butts to raise money for Winter Conference

Membership - Ron McCarty

- Focusing on reducing delinquent membership payments; goal is 6 from 30
- Focusing on membership drives

Sustainability - Melanie Richardson

- Will be promoting sustainability with a carpool raffle at the meeting

YEA - Phil Watson

- Announced that YEA will be hosting a PE Review Study Group
- YEA events this year will be "Sponsored by YEA" to not exclude participation from general membership

Honors & Awards - Drew Grant

- Working on ASHRAE Fellow nominations

Adjourn 11:33 a.m.



2015 AHR EXPO®
JANUARY 26-28 / CHICAGO



PRESIDENT'S MESSAGE*(Continued from page 1)*

sions are also not limited to the mechanical discipline, as we have had an electrical engineer attend both sessions. The value of these review sessions is already being seen with a 100% pass rate for the Spring review session attendees who took the exam this past April. Even though the Fall review session has already come and gone, there will be another session in the Spring for engineers preparing for the April 17th, 2015 exam. Big thanks go to Arkansas Chapter YEA Chair, Phil Watson, for organizing and publicizing these review sessions. If you or someone you know is preparing for the P.E. exam, please contact Phil at pwatson@tmeccorp.com so that you receive all the information for the Spring review session.

Don't forget our Fall Golf Tournament is coming up on Friday, October 3rd, at the Country Club of Arkansas in Maumelle. Our golf tournaments are a

great chance to network with other ASHRAE members, support the Arkansas ASHRAE chapter, and have a great time. Social Chair Tony Demarco puts a lot of work into making these tournaments both fun for all attendees and beneficial to the chapter. Mark your calendars because you won't want to miss it.

For October's meeting, our Chapter Technology Transfer Committee (CTTC) Chair Forrest Moseley has scheduled a tour at Diamond Bear's new brewing facility in North Little Rock. Please forgive us for the last minute change, but in an effort to provide a tour worth your attendance, the change was necessary. Please join us Wednesday, October 1st at Diamond Bear in North Little Rock for another great meeting! 

MEMBERSHIP UPDATE

Ron McCarty—Membership Promotion Chair

First off I want to thank everyone in the Arkansas Chapter that helped to promote ASHRAE and assisted in the growth of our Chapter last year. This year the Membership Promotion Committee has high hopes and goals for the upcoming year. Over the next year the committee will be actively promoting membership to expand our Chapter both in the Little Rock and Northwest sections. Our goals for next year will concentrate on new members, membership upgrades and retention of existing members. As we finalize our meeting plans for the year, we will be scheduling two membership drive meetings with the hopes to increase members at both the Little Rock and Northwest sections of our Chapter. The Committee is looking forward to the upcoming year!!

SPEAKER SPOTLIGHT

Forrest Moseley—CTTC Chair

This month's program theme is 'the "R" in ASHRAE' and what better way to learn about refrigeration than taking a tour of local Arkansas Breweries. The Central Arkansas chapter will be taking a tour of Diamond Bear Brewing Company's facility and the Northwest Arkansas Section will be taking a tour of Core Brewing and Distilling.



Smoked Pork Butts



STUDENT ACTIVITIES

Zac Buckmiller—Student Activities Chair

Smoked Butts for Winter Conference:

The students will be selling the pork butts from now until November 7th. The butts will be going for \$45 and will be ready for pick up on the 14th of November just in time to reheat for family gatherings or football games. Please see the signup sheets at the ASHRAE meetings or contact Zac Buckmiller for your order.

<https://www.facebook.com/pages/Taylor-Farms-Smokehouse-LLC/107290766007322>



FUTURE ASHRAE CONFERENCES:



2015 Region VIII CRC
April 23—25
Fort Worth, TX

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2014-2015 CHAPTER OFFICERS

President	Terry Jacks	501.374.3731	tjacks@pettitinc.com
Pres Elect	Forrest Moseley	501.280.0404	forrest@airetechcorp.com
Treasurer	Mark Eley	501.940.7747	marke@2boonesales.com
Secretary	Max Good	501.448.0100	mgood@brownengineers.net

BOARD OF GOVERNORS

Sam Cummings	samdcummingsjr@gmail.com
Steve Keen	skeen@powersar.com
Jim Monk	jmonk@airconexperts.net
Mark Mizell (CRC Delegate)	mmizell@tmecorp.com
Terry Jacks (CRC Alternate)	tjacks@pettitinc.com

COMMITTEE CHAIRS

Membership	Ron McCarty	rmccarty@powersar.com
Student Activities	Zac Buckmiller	zbuckmiller@tmecorp.com
Programs	Forrest Moseley	forrest@airetechcorp.com
Historian	Russell Black	russell@airfiltersystems.com
Refrigeration	Tom Hanlon	thanlon@cromwell.com
Research Promotion	Mark Mizell	mmizell@tmecorp.com
Newsletter	Jake Skinner	razorback.report@gmail.com
YEA	Phil Wtson	pwatson@tmecorp.com
Social	Tony DeMarco	tony@airetechcorp.com
Reception	Josh Faulkner	jfaulkner@hobbsassociates.com
Webmaster	Steve McConnell	smcconnell@lemvrvw.com
Sustainability	Melanie Richardson	mrichardson@brownengineers.net
Govt Affairs	Bill Harrison	bharrison@harrisonenergy.com
Honors & Awards	Drew Grant	drew@airfiltersystems.com



THE RAZORBACK REPORT
Arkansas Chapter of ASHRAE
P.O. Box 180
Little Rock, AR 72203



Central Arkansas ASHRAE Chapter Meeting on October 1, 2014

This month's program has been moved to Diamond Bear Brewing Company. We will be taking a tour of their facility to learn about their brewing process with an emphasis on the refrigeration system(s) that are required to make these processes happen. We will also have a change from our standard BBQ lunch. Diamond Bear will be catering from their in-house restaurant. Be sure to respond to this month's Anyvite coming out this Wednesday. It will be very important that we receive an accurate headcount for this event. If you received this email, but did not receive last month's Anyvite please let Forrest Moseley (forrest@airetechcorp.com) know so that he can update our list.

The brewery is located in North Little Rock, only a few blocks from Dickey Stephens Ball Park. Address: 600 N. Broadway St, North Little Rock, AR 72114



2014 Fall Golf Tournament

Friday October 3rd "Shotgun Start" 12:30 pm

>Country Club of Arkansas<

Maumelle, Arkansas

Entry Fee: \$400 per team (4 players per team)
Includes cart, refreshments, mulligans
(2/player/18 holes), and lunch at 11:00.

Format: 4-Man Scramble (First 24 teams)
Ties will be broken by score and hole handicaps.

Prizes: 1st, 2nd place teams. (2 flights)
Long Drive (in fairway) and CTP Prizes



Fill out form and e-mail tony@airetechcorp.com or fax to Tony DeMarco.
Airetech Corporation 7631 Northshore Pl. North Little Rock, AR 72118

Phone: 280-0404 Fax: 280-9200



Player 1: _____ **Player 3:** _____

Player 2: _____ **Player 4:** _____

Total enclosed: \$ _____

**Please make checks payable to "Arkansas ASHRAE" and send to
Arkansas ASHRAE P.O. Box 180 Little Rock, AR 72203**

\$ Don't forget to sponsor a Hole \$

____ I will sponsor a hole- \$100. Sign at a hole & recognized in ASHRAE newsletter

____ Corporate Sponsorship- \$200. Banners are allowed for corporate sponsorship
& will be recognized in the ASHRAE newsletter as a Corporate Sponsor (There will
be an area near the scoreboard to recognize corporate sponsors (owner provided))

____ I will donate \$_____ for prizes and awards

____ I will donate Merchandise (golf balls, towels, etc.)



Workers, Hole & Corporate sponsors & Prize Contributors will be recognized in the Arkansas
ASHRAE Newsletter. All proceeds go to **Arkansas ASHRAE**.

Name: _____ **Company:** _____

Signed: _____ **Date:** _____

Phone: _____ **Fax:** _____ **Email:** _____

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

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.

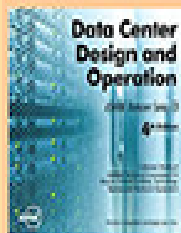
Visit www.ashrae.org/BEMP to learn more about the BEMP practice exam.

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!