

SEPTEMBER MEETING

Central Arkansas

Date: Wednesday, September 5

Location: Camp Aldersgate

Cost: \$20

Schedule:

10:30a.m. Board Meeting

11:30a.m. Lunch / Technical Session

12:00-1:00p.m. Program

Northwest Arkansas

Date: Thursday, September 6

Location: AQ Chicken—Springdale

Cost: Free (lunch extra)

Schedule:

11:30a.m. Lunch

12:00-1:00p.m. Program

SEPTEMBER PROGRAM SPEAKERS

Mark Mizell—CTTC Chair

The Chapter Technology Transfer Committee is excited to have Jack Bailey and Chris Richards from Yaskawa lined up as the speakers of the September programs. The topic will be "Variable Speed Drive Technology". Jack will be the presenter for the Little Rock meeting and Chris will be the Northwest Arkansas presenter.

Jack is a 1969 graduate of the U.S. Naval Academy with a BS in Mechanical Engineering. He served four years in the U.S. Marine Corps and is a Viet Nam veteran. He has managerial positions at U.S. Electrical Motor Division of Emerson Electric, Siemens Allis, MagneTek, and is now a Regional Manager and Regional Drives Specialist for Yaskawa. Jack will lecture on common motor-to-drive issues due to high peak voltages generated by transistor switching and recommended methods to control such issues.

Chris graduated from Arizona State University with a BS in Business Administration. He has been in the motor and drive business for over 25 years, working at both the distribution and manufacturer level. He has been employed by Yaskawa for five years and works closely with industrial and HVAC customers in Oklahoma and Northwest Arkansas. Chris's program will focus on VFD harmonics and the urgent need for "clean" power with today's electronics.

We're looking forward to seeing everyone soon.

THE PRESIDENT'S MESSAGE

By Mike Fullerton



I hope everyone enjoyed the summer. It's hard to believe that the summer is almost over. The fall brings lots of excitement with football, hunting season, and ASHRAE. The leadership team has been working hard since mid-July to ensure another successful year. We have big shoes to fill following last year's successes at CRC. The Arkansas Chapter took home the following

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ADVERTISE IN THE RAZORBACK REPORT

Lee Greeson—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 Bill Simpson (bsimpson@harrisonenergy.com) soon to ensure your ad gets as much exposure as possible!

MONTH	MEETING TOPIC	SPEAKER	SECTION	DATE	LOCATION	THEME
SEPT	Variable Speed Drive Technology	Jack Bailey	Central	09.05.12	Camp Aldersgate	Chapter Awards
		Chris Richards	NWA	09.06.12	AQ Chicken	
OCT	Variable Refrigerant Flow Technology	James Pritt	Central	10.03.12	Camp Aldersgate	Research Promotion
		Gary Mitchell	NWA	10.04.12	AQ Chicken	
NOV	Refrigerant Technology and How it Relates to Compressor Technology	Thomas E. Watson P.E., FASHRAE (ASHRAE Society President)	Central	11.07.12	Camp Aldersgate	The "R" in ASHRAE
			NWA	11.08.12	AQ Chicken	
DEC	Health and Safety Utilizing Energy Recovery in a Critical Environment	TBD	Central	12.05.12	Camp Aldersgate	Membership Promotion
			NWA	12.06.12	AQ Chicken	
JAN	The Basics of High Performance Building Design	Thomas M. Lawrence, Ph.D., P.E., (Distinguished Lecturer)	Central	01.02.13	Camp Aldersgate	Government Affairs—Joint Meeting with BOMA
			NWA	01.03.13	AQ Chicken	
FEB	Central Arkansas Vendor Exposition	N/A	Central	02.06.13	Camp Aldersgate	Student Activities
			NWA	02.07.13	AQ Chicken	
MAR	Performance Monitoring for Commercial Buildings	James Hess, P.E.	Central	03.06.13	Camp Aldersgate	Sustainability—Joint Meeting with USGBC
			NWA	03.07.13	AQ Chicken	
APR	High Performance Chilled Water Systems	Mick Schwedler, P.E.	Central	04.03.13	Camp Aldersgate	History
			NWA	04.04.13	AQ Chicken	
MAY	Past President's Night	N/A	Central	TBA	TBA	Past Presidents Recognition
			NWA	N/A	N/A	

PRESIDENT'S MESSAGE

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awards in April from Tulsa: Golden Gavel, Jack Thompson Award, CTTC, Round 'Em Up Award (Membership Promotion), Webmaster, 3rd place in Student Activities, Chapter Service Award, Star Award with Special Citation, RP Goal/High Honor Roll/Chapter Investor Ribbon/Challenge/High 5/Full Circle, Sustainability, and 3 Technology Awards.

Chapter President-Elect and CTTC chair Mark Mizell is polishing off a value-packed program schedule for us this year once again highlighted by distinguished lecturers and society dignitaries. This month's meeting is on Variable Frequency Drives by Jack Bailey and Chris Richards.

Zac Buckmiller, Chris Greer, and Colby Post have done an excellent job already with student activities and are poised for a successful year. This year the student activities committee's efforts will include getting those new student branches engaged in our chapter. The group has already been in contact with several of the K-12 schools. Go to our Facebook page and click the Like button to stay up to date on student activity events.

In an effort to develop a strong network for our younger members, Caleb Haynes is in the process of scheduling monthly Young Engineer's in ASHRAE (YEA) activities. Look for upcoming announcements for future events. Another great opportunity for YEA members is the leadership weekend. We have 3 guys already signed up for the fall leadership weekend. If you're interested, our chapter subsidizes the cost but you'll need to sign up soon as space is limited. Caleb has also agreed to be the YEA Regional Vice Chair.

Ron McCarty has already started working on Membership Promotion. If your membership is delinquent or can be upgraded, be ready for a call from Ron. He can help you walk through the process of upgrading your membership if you are eligible.

Bill Simpson has formed a committee to meet our chapter goal with

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ARKANSAS CHAPTER MEETING MINUTES

Board Meeting of August 24, 2012

Forrest Moseley—Secretary

Members Present: Mike Fullerton (President, Alternate), Mark Mizell (President Elect, CTTC Chair), Bill Simpson (Research Promotion, Delegate), Tom Hanlon, Bill Goodman (Board of Governors), Forrest Moseley (Secretary), Zac Buckmiller (Student Activities Chair), Caleb Haynes (YEA Chair), Ron McCarty (Membership Promotion), Robin Sipes (Webmaster), Terry Jacks (Treasurer), and Randy Moore.

Call to Order: 8:15 a.m.

CTTC - Mark Mizell:

- Working on an ASHRAE tour at Falcon Jet.
- Planning on a vendor expo at the February Meeting in lieu of a program
- The North West Arkansas section is looking at a tour for the February meeting. They are interested in taking a tour of the Cherokee Casino.
- There are a couple of continuing education seminars that are set up for this year. N.E.B.B. training seminar will be held on Sept 28. There will be an Energy Modeling Seminar in February which will be a joint venture with USGBC

Research Promotion - Bill Simpson:

- Bill has established an RP Committee composed of Chris Ahne, Corey Imhoff, Randy Moore, and Jim Monk
- Planning a couple different RP fundraisers: Looking into a Bowling Tournament and possibly a Sand Volleyball Tournament.
- Requesting "Full Circle" contribution from all officers by September 8.

Tom Hanlon:

- October 6, Arkansas ASHRAE has been signed up to volunteer for Habitat for Humanity. Looking into having another Habitat for Humanity event in the spring.
- Tom will be assisting with the

N.E.B.B. continuing education Seminar.

- We need Tech Award submissions. It has been suggested that the long form be used for the submissions.

Board of Governors - Bill Goodman:

- Further discussion was made regarding Northwest Arkansas becoming its own ASHRAE Chapter.

Student Activities - Zac Buckmiller:

- Made K-12 contacts with a teacher at Catholic High who operates their "Engineering Club" and also a contact at Pulaski Academy.
- Colby Post will be the Northwest Arkansas liaison.
- Zack is working with the USGBC with their Green School Program. Looking for 15 mentors with a 4hr per month commitment
- Planning on a student plant tour at Loren Cook.
- We will hopefully be able to sponsor or have students attend the Winter Meeting in Dallas and CRC this year.

YEA - Caleb Haynes:

- Caleb is involved with YEA on a society level and is on a YEA subcommittee for planning the YEA Leadership Weekend.
- Caleb will be attending the YEA leadership weekend September 7, 8, & 9 in Atlanta with Terry Jacks and Trey Newcomb.
- Caleb will be attending YEA International in Sri Lanka September 26 and 27.
- The first YEA event of the year will be Monday Night Football on September 10.

Membership Promotion - Ron McCarty:

- Ron is working on a membership promotion subcommittee as well

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PRESIDENT'S MESSAGE

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Research Promotion. Steve did an excellent job last year and has set a lofty goal for Bill this year. Bill has several new ideas for raising money. If you would like to donate, feel free to contact him for more information.

Below are some of our other activities from earlier this year. Angela Harrison Kuli along with U of A ASHRAE student members and interns Rocky Hedrick and Brittany Youngblood presented on STEM (Science, Technology, Engineering and Mathematics) to ~50 high achieving 6th-8th graders in July as part of UALR's ExxonMobil Bernard Harris Summer Science Camp. Zac Buckmiller and Bill Simpson presented to the STEM group on engineering and building sciences. The feedback was positive. We've had a lot of activity in K-12 Student Activities already this year with Angela, Rocky, Brittany and another U of A ASHRAE student member Abby Wise hosting 14 groups of ~12 students from P.A.R.K. at Harrison Energy

Partners. Bill Harrison and Bill Simpson have spoken at a few of these events. The goal of these events is to promote STEM to "high-risk" students in the middle school to junior high age range. Lastly, Bill Harrison, Angela, Dr. Eric Sandgren (UALR Dean of College of Engineering Technology), Abby and Bill Simpson spoke at the Arkansas Career Development Association Conference. The presentation was on the need to encourage students to pursue technical education and what career guidance counselors and educators can do to encourage students starting at a young age. The group also passed out the ASHRAE "Launch your future today with ASHRAE" brochures.

Be on the lookout for information about the upcoming NEBB continuing education opportunity, Habitat for Humanity/ASHRAE joint work day, and our Fall Golf Tournament.

Thank you to all the people who volunteer their time for ASHRAE. I look forward to seeing everyone at the meetings in September.

GREEN SCHOOLS CHALLENGE

Zac Buckmiller—Student Activities Chair

ASHRAE is teaming up with the U.S. Green Building Council - Arkansas Chapter (USGBC) and Arkansas Association of Educational Administrators (AAEA) to provide mentors for the 2012-13 Green Schools Challenge.

The Green School Challenge, challenges all participating schools to be more environmentally aware and sustainable. Each school will form a Green Team who will select a low or no cost project to begin September 1 and conclude March 15, 2013. To assist these teams there will be volunteer mentors who will help with ideas, documentation, and community resources. At the end of the year each team will submit their energy or resource savings with either a 5 minute video or digital presentation for judging. Prizes include trophies and cash to the top schools.

ASHRAE is currently looking for volunteers to become Green Team Mentors to assist schools with their Green efforts. If you would like to become a Green Team Mentor or learn more about what is involved please contact Zac Buckmiller (zmbuckmiller@tmecorp.com) for more information. Or you can visit www.usgreenbuildingcouncilarkansas.wildapricot.org/ and click on "Enter the Green Schools Challenge for 2012-2013." Furthermore, if you would like to get your youngsters school signed up for the contest visit the website above to fill out the entry packet and send it in.

MEETING MINUTES

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as a Northwest Arkansas liaison.

- We need to find new members, members that need upgraded and delinquent members.

Webmaster – Robin Sipes:

- Each committee chair needs to go to the website and let Robin know of any changes or upgrades to the website.
- Please send any calendar events to Robin for addition to the website calendar.
- The lunch program form needs to be updated and reposted on the website.
- The RP thermometer will be removed from the website after September.

Social – Randy Moore:

- The fall golf tournament is not booked yet. There is only one

Friday open in October for Stonelinks Golf Course, otherwise we will have to look into another golf course on a different day.

- There was discussion on whether or not golf entry fees should be increased and if the golf tournament could be held on a Monday rather than Friday.

Treasurer – Terry Jacks:

- Terry will be nominating an audit committee prior to filing for taxes.
- The Account Balance Sheet was presented.
- Last year's budget was presented and discussed.
- Zac Buckmiller to submit additional funds need for student activities.
- The budget this year will be voted on and finalized in October.

Adjourn 10:00 a.m.



FUTURE ASHRAE MEETINGS:

2013 ASHRAE Winter Conference
January 26—30
Dallas, TX

2013 ASHRAE Annual Conference
June 22—26
Denver, CO

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THE RAZORBACK REPORT

Arkansas Chapter of ASHRAE

P.O. Box 180

Little Rock, AR 72203



2012/2013 Pre-Pay Lunch Plan

Cost: \$140.00

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Or email to: Terry Jacks

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