



The Oil Capital Air

NEWSLETTER of the NORTHEASTERN OKLAHOMA CHAPTER of
the AMERICAN SOCIETY of HEATING, REFRIGERATING
and AIR-CONDITIONING ENGINEERS, INC.



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MAY CHAPTER MEETING: May 9, 2002 (THURSDAY) CRC Review, Honors and Awards and Installation of Officers.

Tulsa Marriott Southern Hills
71st & Lewis (On 71st west of Lewis)
5:30 Tech Session
6:00 Hospitality
6:30 Dinner and Business
7:00 Program
Cost: \$20.00



Memorial Day – May 27



PRESIDENT'S MESSAGE

By Bill Hanlon

The April plant tour at Williams Communications was well attended, despite the confusion of the last minute change of plans. Our thanks go to Curtis Williams and his staff for

staying late to serve as tour guides. I want to thank Bob Allwein for presiding over the meeting in my absence, and Bill Boone and Norm Asbjornson for their help in arranging the tour.

Four scholarships were awarded during the meeting to students from Tulsa University and OSU/Okmulgee. Congratulations to our student members. Congratulations go also to our newly elected Board of Governors and to Justin Phelps as our incoming Treasurer. Thank you all for serving your Chapter.

By the time you receive this newsletter the Chapters Regional Conference (CRC) in Little Rock will be behind us. Our chapter has worked very hard this year. At CRC we have the opportunity to compare our Chapter with the others in Region VIII. We have reached the goals set for us in both Membership Promotion and Research Promotion, and have set a record for attendance at our Chapter meetings. When asked to **Accept The Challenge** the membership of the Northeastern Oklahoma Chapter showed that we remain one of the premiere chapters in all of Society.

The upcoming May meeting is the last Chapter activity of the ASHRAE year. There will be a review of the activities in Little Rock, as well as recognition of individuals and the Chapter for honors and awards received at CRC. We will also have a changing of the guard as the new officers and Board members are installed.

It has been a very successful year for the Northeastern Oklahoma Chapter for many reasons. The work done by the committee volunteers has played a big part to ensure that success. Equally important has been member participation at meetings and events, in fund raising and introducing new

members to ASHRAE. I thank all of you for help, and I ask that you continue to support ASHRAE and the Northeastern Oklahoma Chapter.

I look forward to seeing you on May 9th at the Marriott.

Bill Hanlon can be reached at 622-1500

DID YOU KNOW •••••?

By Mary Bowers, Newsletter Editor

Bob Allwein will be installed at the May meeting as the President of the Northeastern Oklahoma Chapter of ASHRAE. Bob brings experience with him for this position. Like Mike Beda, who was highlighted in the March newsletter, Bob was also president of the Central Oklahoma Chapter, serving during the 1978/1979 year. During his year as president he won the Presidential Award of Excellence Star Award, the Premier Award and the Golden Gavel.

Bob joined the Central Oklahoma Chapter in 1970 and was elected to the Board of Governors in 1972. From that point he completed the chairs and went on to be CRC Alternate and Delegate. After completing the chairs, he continued to be active, chairing many committees for Central Oklahoma, including the newsletter.

When Bob moved to Tulsa, he transferred his membership to the Northeastern Oklahoma Chapter, where he continued his involvement with ASHRAE. He served as Honors and Awards Chairman for 1999/2000 year and the 2000/2001 year, as well as serving on the Board of Governors. When we needed someone with experience to step into the office of President-elect, Bob agreed to serve as President-elect and President of our chapter. With Bob holding the gavel, we look forward to another great year.

Mary Bowers can be reached at 665-6600 or mjbowers@sbcglobal.net

MAY MEETING

Kelly Coday, Program Chair

This month's program speaker is Jay Hendix. A veteran of controls integration, Jay divides his time between traveling the country educating building owners and engineers about the power and full building system integration, and consulting on actual integration projects. Jay is a member of the ASHRAE Controls Advisory Council. His program will include an indepth look at Total Building Integration including the various methods of achieving it and options that can take place.

Mr. Hendrix is Senior Product Manager of Integrated Systems for Siemens Building Technologies, Buffalo Grove, Illinois. He has over 15 years experience in controls installation, software and technical integration. He is responsible for leading the development of integrated solutions and applications to help customers manage their buildings more efficiently as well as reduce operating expenses. He holds a Bachelor's degree in Electrical Engineering Technology from Purdue University and a Master's of Business Administration from DePaul University. Jay also serves on ASHRAE GPC 13 technical committee for Specifying DDC systems and has authored various articles on integrated building systems.

Kelly Coday can be reached at 665-6600 or kcoday@sbcglobal.net

MAY TECH SESSION

By Mary Bowers

Our Tech Session speaker for May will be Stan Komander from Baldor. He will be speaking on fan applications, inverter definition and design, cost savings, motor and control matched performance and selection, performance and efficiency, application and sizing.

Mr. Komander has a Master's Degree in mechanical engineering and is a Registered Professional Engineer. He has been in the motor and control industry for 21 years, and has been with Baldor for eight years, where he is currently product manager for Baldor control panels, integrated drives and Soft Start products.

Jim Thomas, District Manager for the Tulsa office and Bill Hunt, Outside Sales will join Mr. Komander in his presentation for the Tulsa office.

commercial and institutional buildings. ANSI/ASHRAE/IESNA Standard 90.1-2001, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, provides

Mary Bowers can be reached at 665-6600 or mjbowers@sbcglobal.net

STUDENT ACTIVITIES

By Chad Marazas, Committee Chair

Chad Marazas awarded four scholarships on behalf of the Northeastern Oklahoma ASHRAE chapter. The four recipients were Jeremy Ensz, Barron Denham, Mark Cronk and Lee Rogers. Jeremy Ensz and Barron Denham are both from The University of Tulsa, while Mark Cronk and Lee Rogers both attend Oklahoma State University - Okmulgee.

The students were very grateful for the scholarships and thanked ASHRAE for their continuing support of student activities.

Chad Marazas can be reached at (918) 250-5522 or marazas69@aol.com

RESEARCH PROMOTION

By David Lam, Research Chair

Well, we are into our final push in the Research Promotion calling campaign. We have broken the \$30,000 barrier, but have \$40,000 as our goal. There are some people who may not have received a call or an invoice but are willing to contribute this year. Please give me a call and we will get you an invoice.

I want to thank all of the people who have really helped with the calling campaign this year. Bill Hanlon, Phil Beach, Justin Phelps, Bob Allwein, Keith Browne, George Adams, Gene Redford, John Hilger, Mike Beda, Paul Mannas and the many who have collected from others and forwarded the money to me. We could not do this without your cooperation. This has been more of a time consuming campaign than usual, but looks like it will be just as successful as our past years. I hope that next year goes smoother and will be even better than this. Once again, thanks for everyone's help and here's to a successful 2002 CRC!

David Lam can be reached at (918) 258-4059

MEMBERSHIP PROMOTION

By Nancy Clowdus, Membership Chair

The ASHRAE year is almost history. It seems like everyone just falls asleep after CRC, but I ask that everyone hang on for one more month so you don't miss my favorite benefit of local ASHRAE membership, the MEMBERSHIP DRIVE.

Our annual membership drive is open to all NEOK members. The contest rules are simple: The one who signs up the most new members wins. The top three the minimum requirements for the design of energy efficient buildings.

The ASHRAE Board Policy Committee on Standards has oversight of ASHRAE's high-profile

contestants receive a certificate and cash prize. Also, the first place winner's name is engraved onto the traveling winners plaque. Not only is this a great way to increase our membership, but also brings out spirited competition among members. Start making plans for next year!

Thanks to everyone who has paid dues.

Nancy Clowdus can also be reached at (918) 491-6600 or njclowdus@aol.com

TEGA

By Steve Uerling, Chair

The following article was taken from ASHRAE's Web Site:

ASHRAE Seminar Examines Moisture Problems

ATLANTA -- With mold, mildew and humidity-related problems occurring all over the United States, the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) is examining the impact of its two main building standards on moisture.

Moisture problems have increased in facilities located in humid climates, such as the Southeast and coastal areas, as well as non-humid areas, such as the Midwest, Southwest and West Coast states.

"These problems have prompted concerns relative to the levels of ventilation required in ASHRAE Standard 62, and the ability of single component, high-efficiency HVAC systems required in ASHRAE Standard 90.1 to adequately dehumidify the air being supplied to commercial, institutional and industrial buildings," said Terry Townsend, P.E., a member of ASHRAE's Board Policy Committee on Standards.

The committee is sponsoring a seminar, "The Impact of Standards 62 and 90.1 on the Moisture-Related Problems in Facilities," at ASHRAE's 2002 annual meeting, June 22-26, Honolulu, Hawaii.

"We will evaluate claims that more efficient buildings in conjunction with higher ventilation rates are the causes for moisture problems," Townsend said.

ANSI/ASHRAE Standard 62-2001, *Ventilation for Acceptable Indoor Air Quality*, sets minimum ventilation rates and other requirements for

standards, which include Standards 62 and 90.1. The seminar will seek to determine if there is an inter-relationship in the requirements of Standards 62 and 90.1 that should

be given greater attention in the continuous maintenance efforts of these two standards, according to Townsend.

"The seminar hopefully will clarify misconceptions while providing credible information regarding compliance with standards without producing moisture and mildew problems," Townsend said.

Steve Uerling can be reached at 836-0271 or lbce@swbell.net

APRIL MEETING MINUTES

By Cary Pestel, Secretary

A chapter meeting was held on April 11, 2002 at the Williams Companies, Tulsa, Oklahoma.

Due to security constraints, Williams Companies asked that we divide into small groups to tour their facility. The first ASHRAE group toured the building while the balance went through the serving line.

President Elect Bob Allwein called the meeting to order at 7:00 p.m. He welcomed members, students and guests.

Ron Spencer gave the invocation.

Paul Roberts, Nominating Committee Chair, read next year's nominations and opened the floor for additional nominations. A motion was made and seconded to accept the following nominations:

President, Robert "Bob" Allwein
Vice President, Cary Pestel
Secretary, Steve Johnson
Treasurer, Justin Phelps
Board of Governors is, Paul Roberts, Keith Browne, Ronald Huntley, Jack Tumilty, and Ron Spencer

Chad Marazas, Student Activities Chair, announced the scholarship winners and presented \$400 checks to our scholarship recipients.

- OSU Tech-Okmulgee: Mark Cronk and Leonard Rodgers
- University of Tulsa-Jeremy Ensz and Barron Denham (Jeremy is the outgoing President of the TU student chapter and Barron will be President next year.)

Bob announced our next meeting is May 9th at the Marriott Hotel. And thanked everyone for coming. The meeting adjourned at 7:30 PM. The third group completed their tour at 9:00 p.m.

Cary Pestel can be reached at 664-9756 or email: cpestel@2boonesales.com

APRIL BOG MINUTES

By Cary Pestel, Secretary

The Board of Governors meeting was held on April 15, 2002 at Powers of Oklahoma. President Bill Hanlon called the meeting to order at 12:05 p.m.

Minutes: Upon review of the Board, a motion was made and seconded for approval of the March 14, 2002 Board of Governor's meeting minutes as corrected. Upon review of the March 14, 2002 Chapter meeting minutes, a motion was made and seconded to accept the minutes as corrected. A motion was made and seconded for approval of the April 11, 2002 chapter meeting minutes.

Treasurer: Steve Johnson distributed his treasurer's report for the month. Steve also provided a summary of the year's expenses and compared it to the budget we approved at the start of this year's term.

Newsletter: Mary Bowers said she needed to have articles for the newsletter ASAP. Mary is officially retiring from her position as our newsletter editor. She and Cary Pestel are getting together tomorrow so she can train Cary on publishing the newsletter.

Research Promotion: Dave Lam currently has somewhere around \$33,000 to \$34,000 this year. He is working with Society to find out how many contributions have been sent directly to Society. He is meeting with his committee to clean up his reports so he can report to CRC.

Membership: Nancy Clowdus reported that we have reached our goal of 26 new members. We only have six people on our delinquent list.

Programs: Bill Hanlon reported that the Williams plant tour went well. Mary Bowers is working to set up the speaker for the Technical Session

Student Activities: Chad Marazas announced that he offered his student scholarships at our last Chapter meeting.

Directory: Bill Hanlon reported for Pam Dunlap. Pam has given 30 copies of our chapter directory to Keith Browne to be distributed at CRC.

Historian: Ron Spencer announced that he has been in contact with his RVC and is planning on making a display for CRC.

Attendance: Paul Manus reported that Jim Waldroop did an outstanding job getting the word out announcing the plant tour at Williams. Our email list proved to be quite valuable with the last minute changes.

Reception: John Hilger reported he is working on a summary of our membership that can be used next year.

Website: Paul Manus announced that everything is running smoothly. Ron Spencer volunteered to attend the CRC workshop for webmasters.

CRC Action: Keith Browne sent out his CRC reports last week. The PAOE point standings were distributed for review.

Bob Allwein moved that the NEOK chapter delegate be authorized to make a motion at CRC for the region to purchase chapter information software at an approximate cost of \$1,400.

New Business: Bob Allwein said that the past president's pin was purchased and is being held for our next meeting. He asked that Bill Hanlon allow time in our next meeting to award the pin to our leaving President.

Cary Pestel can be reached at 664-9756 or email: cpestel@2boonesales.com

NOTE FROM THE EDITOR

By Mary Bowers

This will be my last newsletter. I want to thank everyone who has helped the Northeastern Oklahoma Chapter have an award-winning Newsletter.

If next year's editor, Cary Pestel, has the same support, we will continue to have an outstanding Newsletter.