

The Comfort Chronicle

American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
East Texas Chapter #091, Region VIII

Volume XXV, Issue VI, February 2006

www.ashrae-etex.org

EWEEK

The Engineering Technical and Professional Societies of East Texas are again uniting to sponsor their 55th annual meeting celebrating National Engineers' Week. All East Texas engineering and technical societies are encouraged to participate in this event. This banquet will allow nearly two hundred students and educators from our local high school and universities that are interested in engineering to meet practicing engineers.

February 23, 2006 at 6:30 PM
Devall Student Center
Kilgore College
Kilgore, Texas

The Banquet is the final event of the National Engineering Week which starts February 19th and introduces middle school and high school students to engineering. This annual event has been held in East Texas for over 50 years. College representatives will be on hand prior to the start of the banquet from 5:00 PM to 6:30 PM.

The featured speaker, Dr. Judy Schneider of the Mississippi State University Mechanical Engineering Department, will discuss the question "**Do you have what it takes to be an engineer?**" Dr. Judy Schneider is an Associate Professor of Mechanical Engineering at Mississippi State University. Her educational background includes a BS in Mechanical Engineering from the University of Nebraska at Lincoln and MS and Ph.D. degrees from the University of California–Davis. She has extensive academic and industrial research experience, including affiliations with Sandia National Laboratories, Max-Planck-Institute für Metallforschung (Stuttgart, Germany), and Aerojet Propulsion Division (Sacramento, CA).

February Meeting Eweek Banquet

Date: January 12, 2006
Location: Kilgore Junior College
Kilgore, Texas

Cost: Adults \$15, Students free.

Schedule: 5:30 PM College Reps
6:30 PM Dinner and Program

Program: Do You Have What It Takes to Be An Engineer?

RSVP on or before February 17 to:
Terry Bates @ terry.bates@bakeratlas.com or
(903) 509-0250 by 2/17/06

Board of Governors Meeting

7:00 AM – Dwayne's Restaurant – Feb. 16, 2006

Engineering Graduates Receive Highest Starting Salaries

NEW YORK—College seniors in engineering disciplines are receiving the highest starting salary offers in the U.S., according to a quarterly survey published by the National Association of Colleges & Employers (NACE). Chemical engineers received the highest salary

offers on average. Electrical engineering degree graduates have the second-highest starting salaries. Mechanical engineers have the third-highest starting salaries, despite a 0.3% decrease in their average compared to the 2004–2005 academic year. The survey polled 83 different private and public schools across the country.

Some ASHRAE Members Affected by Settlement of Lawsuit

HONOLULU—Some ASHRAE members and staff who attended the 2002 ASHRAE Annual Meeting in Honolulu have been notified that they are eligible to participate in the settlement of a class-action mold lawsuit. The settlement affects only those members and staff who stayed in the Kalia Tower in the Hawaiian Village. Under terms of the settlement, Hilton Hotels has agreed to provide \$150 in travel coupons or \$50 in cash for each night's stay. The settlement affects about 2,900 guests who stayed in the Kalia Tower during a six-week period in 2002.

LG Produces Air Conditioner It Says Can Kill Bird Flu Virus

SEOUL, S. Korea—LG Electronics has developed a new air conditioner equipped with a filter that reportedly kills the virus that causes "bird flu." The air conditioner filters air through a chemical mix that includes an enzyme extracted from kimchi, a spicy fermented vegetable dish. The enzyme reportedly is capable of eliminating the H5N1 virus.

ASHRAE – Region VIII, Chapter # 091 Meeting of Board of Governors (BOG)

Meeting date: **Thur. January 12, 2006 (7:00 to 8:30 AM CST)**

Meeting location: **Dwayne's Country Café, E. Fifth St, Tyler**

Attendees were: Don Schuster, Mohammad Farooq, Eric Newberg, Amanda Carrick, Robert Helt, Dick Cawley, Kristin Schaefer, Ernie Herterich

Opening Remarks: (Don)

- Don distributed an agenda to all BOG members present.
- He thanked Rhamy Morrison for the wonderful lead article in the last newsletter.
- He also thanked Kristin for the smooth running and fine organizational skills in all the programs this year.

Newsletter:

- It was suggested to use an ASHRAE article from their website as back up in case the main article on E-week is not available on time.
- The lead article in the March edition will be completed by Farooq and will cover something on ASHRAE history.
- The April and May editions are covered and should not present a problem.

CRC:

- All the latest reports indicate that the majority of facilities are either open or about to open with the consensus again being that it would be ready by April 27th, 2006.

PAOE Points:

- It was stated that we can claim points for reviving the local newsletter and that we need to claim them soon.
- Kristin has entered points for the local student activity.

E-week:

- This event will take place on Feb 23rd in Kilgore College.
- The main guest speaker will be Dr. Judy Snider from Mississippi State University. The topic is still unknown.

Cost of meals at our meetings:

- Our local Chapter are continuing to loose somewhere between \$100 to \$175 per meeting and that our chapter cannot continue to sustain this much longer.
- It was decided and unanimously agreed that we will begin charging \$12 per meal with a \$3 late fee.
- The BOG members will also pay for their own breakfast meal during the early morning BOG meeting.
- Both Trane and Carrier will sponsor one meeting each year.
- It was suggested that we seek corporate sponsorship of the student's meals.

Mission Statement:

- A motion was approved to modify the wording to be: *"To advance the education of our members, foster high school, college and university student's interest in HVAC engineering and technical fields,*

raise funds for research and to support the establishment of engineering standards.”

- Dick showed us the official ASHRAE mission statement.
- We will place both our chapter mission statement and that of the society's, on all our newsletters, website and CRC materials.
- The vision statement will be tabled until next month when Don will have some time to research it.

organize it and communicate it to the public.

Miscellaneous / New Business

- Regional dues are now \$3 per person and the question arose for the next meeting is whether we should raise local dues to \$20 or \$25?
- The next BOG meeting will be on Thursday 2/16/06 beginning at 7:00 AM.

Round table items: (All)

Arrangements (Robert):

- The food for the meal at the meeting later that day at Trane would be salad and pizza.

Historian (Farooq):

- Nothing new to report except that he will work on the article for the March newsletter.

Treasurer (Bill):

- Our current checking account balance is \$1,961.38

President Elect (Kristin):

- Kristin stated that all events for the remaining of the year are aligning up nicely.
- Robert proposed that a topic for one of the '06/'07 meetings should be the new 13 SEER directive from DOE.

Secretary (Ernie):

- Ernie suggested that he would solicit new ideas from members for the '06/'07 meeting season as part of the February or March newsletter.

Student activities (Amanda):

- It was proposed that scholarships could be awarded on the basis of work completed by students. This work could take the form of a Power Point presentation that covers ASHRAE history based on 50% national, 25% regional and 25% local historical content.
- Our chapter could then show the winning entries on an easel at the CRC in April. Our chapter would also be entitled to some PAOE points on this activity.
- The proposed scholarships would be \$200 to each of two winners.

Student Branch (Gene & Jeff):

- Gene or Jeff was not present at the meeting.

Research Promotion (Rhamy):

- Rhamy visited the clay pigeon shooting range in December and had floated a date of Feb. 18th as the date for the event. However this may not be enough time to

Prepared by Ernie Herterich on 1/31/06

Government Agencies Adopt Sustainable Building Guidelines

WASHINGTON, D.C.—Several U.S. federal government agencies, including the Environmental Protection Agency (EPA), the Department of Defense and the General Services Administration, have agreed to a set of guiding principles for designing, building, and operating federal facilities. The "Federal Leadership Memorandum of Understanding to Adopt Guiding Principles for High Performance and Sustainable Buildings" calls for building components to exceed the energy code. It also states that the actual energy performance of a building should be verified against its design target using EPA's Energy Star performance rating system for buildings.

PISCATAWAY, N.J.—TRANE has developed a new air-cleaning technology that removes particles as small as 0.3 microns. According to the company, CleanEffects™ removes up to 99.98% of airborne allergens from the air that passes through the filter. The device electrically charges airborne particles, as other air-cleaning systems do. It uses a proprietary technology to increase the charge so that smaller particles can be pulled to its collection cell.



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2005 – 2006 CHAPTER OFFICERS

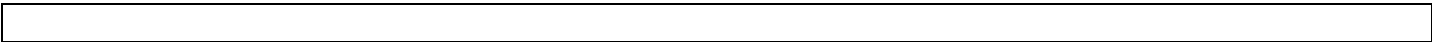
Don Schuster	President	903-510-7440	don.schuster@carrier.utc.com
Kristin Schaefer	President Elect	903-581-3289	kristin.schaefer@trane.com
Ernest Herterich	Secretary	903-510-7500	ernest.herterich@carrier.utc.com
Bill Stiles	Treasurer	903-597-3442	

BOARD OF GOVERNORS

Scott Salvage	BOG/Past President	903-581-3327	scott.salvage@trane.com
Rhamy Morrison	BOG/Research Promotion	903-581-9101	rhamy.morrison@trane.com
Robert Helt	BOG	903-581-3651	robert.helt@trane.com
Dick Cawley	BOG/CTTC	903-566-3957	dickcawley@cox-internet.com

COMMITTEE CHAIRS

Mohammad Farooq	Historian	903-510-7361	mohammad.farooq@carrier.utc.com
Rhamy Morrison	Research Promotion	903-581-9101	rhamy.morrison@trane.com
Bert McJimsey	Newsletter Editor	903-581-3332	bert.mcjimsey@trane.com
Kristin Schaefer	Technology Transfer	903-581-3289	kristin.schaefer@trane.com
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Amanda Carrick	Student Activities	903-581-3217	amanda.carrick@trane.com
Dick Cawley	Honors and Awards	903-566-3957	dickcawley@cox-internet.com
Eric Newberg	Membership Promotion	903-510-7561	eric.newberg@carrier.utc.com
Leslie Zinger	Webmaster	903-581-3189	leslie.zinger@trane.com
Wayne Fang	Historian Co-Chair	903-510-7359	wayne.fang@carrier.utc.com



Future ASHRAE Meetings

2006 ASHRAE Winter Meeting
January 21-25
Chicago, IL

Region VIII CRC
April 27, 28 & 29, 2006
Cancun, Mexico

2006 ASHRAE Summer Meeting
June 24-28
Quebec, PQ

Future East Texas Chapter Meetings

Lunch Meetings	Location
January 12 Engineering Ethics	Trane
March 16 Power Deregulation	Estes McLure
April 19 Sustainability Satellite Broadcast	Trane
April 20 History of ASHRAE	Carrier
May 6 New East Texas Food Bank Tour	ET Food Bank
Dinner Meeting	
February 23 EWEEK Banquet	Kilgore College

Do you have any member news? Email bert.mcjimsey@trane.com to get it published in the newsletter.

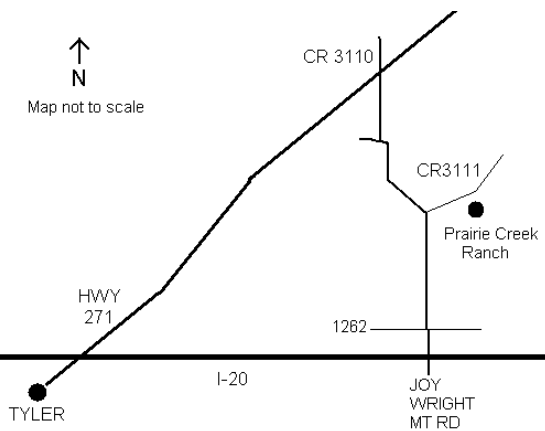
East Texas Chapter-ASHRAE hosts

Sporting Clays Tournament

On:
Saturday, 6 May 2006
8:00 AM
 At:
Prairie Creek Ranch



Proceeds benefit HVAC&R research



Directions

From Tyler, take Hwy 271 towards Gladewater
 Take a Right on to CR 3110
 At dead end, turn Left on to CR 3106
 Take a Left on to CR 3111
 Drive 250 ft., Ranch is on the Right

Details

Registration 8:00 AM, Shotgun Start 8:30 AM

1st, 2nd, and 3rd place 4-person team trophies will be awarded Lewis Class System

Door Prizes drawn hourly. Raffle drawing at 1:00 PM,
 \$20 a ticket for a Beretta automatic shotgun

For questions, call (903) 581 - 3391



Play Options for 6 May 2006

- _____ *Gold Team Sponsor* \$1,000
Sponsors two 4-person teams and their lunch,
recognition on two stations

- _____ *Silver Team Sponsor* \$500
Sponsors one 4-person team and their lunch,
recognition on one station

- _____ *Standard Team* \$240
Enters one 4-person team, lunch included

- _____ *Individual Shooter* \$60
Enters one person to be placed on a team, lunch included

- _____ *Mulligan* \$10
Exchange lowest station score for a shooter,
one per participant

- _____ *Lunch* for non-shooters \$10

- _____ *Station Sponsor* recognition on one station \$275

Name: _____
Company: _____
Phone: _____

Team Members (if known): _____

Please Reserve by 2 May 2006
Return form & check (payable to East Texas ASHRAE)
Sheri McLain
6200 Troup Hwy, Tyler, TX 75707