

The Comfort Chronicle

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

Volume XXV, Issue IX, May 2006

www.ashrae-etex.org

A Message from the President May 2006

Wow, it's hard to believe the year is just about over. With summer just around the corner and the last day of school soon to be here, the East Texas ASHRAE Chapter is about to have its last meeting. I hope each of you found the year as interesting and as exhilarating as I have. As president, I have thoroughly enjoyed leading the chapter – it has been a privilege.

The last meeting was very exciting and with the presentation of the East Texas Chapter scholarship to John Bailey. We also recognized Mr. Brad Crumpton who received the Region VIII scholarship. Presentations were made by John Bailey and Dick Cawley on the History of the East Texas Chapter and History of ASHRAE, respectively.

We're going to finish out the year with an exciting trip to the **East Texas Food Bank Frozen Warehouse on May 18**. Mr. Joey Morris and Mr. Robert Bush have an interesting presentation planned.

What a year it's been for the East Texas Chapter. A few of the significant accomplishments this 2005 – '06 Chapter year are:

- Wonderful slate of Technical Programs – thanks to Kristin Schaefer.
- Re-instatement of the newsletter – thanks to Bert McJimsey.
- First-ever ethics training for PE's and contractors – thank you, Kristin Schaefer.
- Re-invigoration of Research Promotion – thanks to Rhamy Morrison.
- Re-activation of the UT-Tyler Student Branch – thank you, Dr. Jeff Shenefelt.
- A \$200 Chapter scholarship presented to John Bailey of UT-Tyler – thanks Amanda Filbeck and Dr. Jeff Shenefelt.
- Presentation of the Region VIII scholarship to Brad Crumpton of UT-Tyler – thank you, Region VIII.

- Four East Texas Chapter officers/chairs attended an exciting CRC, held in all of places CANCUN (looks for pictures further back) – thank you, Mexico City Chapter!
- Research Promotion Clay Target Tournament – thanks to Rhamy Morrison!
- Stellar participation at the Technical programs – thank you, Chapter!

Thanks also go to the corporate sponsors Carrier and Trane. They have made contributions to make this year very successful. The sponsorship made funds available for our scholarship programs. These companies not only sponsored meetings but and supported members to attend the CRC in Cancun.

May Meeting

Date: May 18, 2006

Location: East Texas Food Bank
3201 Robertson Road
Tyler, TX (4th building on left from loop 323)

Cost: Adults \$10, Students free.

Schedule: 11:15 AM Social
11:30 Lunch
12:00 Program
1:00 Adjourn

Program: East Texas Food Bank Frozen Warehouse Tour

Please RSVP on or before noon Tuesday, May 16 to:
Sheri McLain, phone 903-581-3391,
fax 903-579-7862 – Cost \$15 if you RSVP late or
show up without a reservation.
email sheri.mclain@trane.com

Board of Governors Meeting

7:00 AM – Dwayne's Restaurant – May 18, 2006

Last year was a turnaround year for our Chapter and the momentum is on-going. The average meeting attendance has been great! I want to thank the entire Chapter and especially the volunteers who made this happen!

Just to elaborate a little further, the East Texas Chapter welcomed back to the UT-Tyler Student Branch. After 2 years of in-activity, the branch along with the new Student Branch Advisor, Dr. Jeff Shenefelt, added significantly to the Chapter.

All the wonderful volunteers who served the Chapter this year made this possible. A list of all the officers, BOG members and committee chairs can be found at the back of this newsletter. These volunteers, both visible and behind the scenes, make the Chapter what it is!

Although my year as president is about over, I will continue working with the chapter as a BOG member and Membership Promotion Chair. With that, I leave the Chapter in very capable hands of the upcoming officers.

Thank you all for the opportunity to serve; it has been more than a privilege, it has been an honor!

Don Schuster
President of East Texas ASHRAE Chapter.

Cultural Changes Affecting Japan's Success in Reducing GHG Emissions

KYOTO, Japan—Japan's embracing of American culture may keep the country from totally embracing the Kyoto Protocol climate change treaty, according to an article in *The San Francisco Chronicle*. While Japan's industries have cut greenhouse gas emissions by 1.7% since 1990, emissions from the residential sector have increased by 29%, according to government estimates. Emissions from the commercial sector have increased by 37%, and those from transportation 20%. "Values seem to be changing rather rapidly," said Hironori Hamanaka, a professor of environmental science at Keio University, who was a member of Japan's negotiating team for the Kyoto Protocol. "More people now want the signs of material wealth."

Dear ET Ashrae Chapter members,

This Friday is our first annual fund raising event for ASHRAE Research. Our team, Kristin Schaefer, Sheri McLain, and Gary Sapp have worked very hard for the chapter to make this event a success.

To date several vendors have contributed to our Research

fund by sponsoring shooting stations, shooting teams, and door prizes. Other publications have mentioned some of the nice door prizes and trophies. Other community groups have donated services helping to save the majority of monies donated for its intended purpose. The list of businesses supporting this event includes Traditions Restaurant, Coca-Cola, Tyler Beverage and Ice, Lonesome Charlie's Trophies, and Sam Henley-Trash Trailer.

Now we need your help. We need volunteers to help park cars, staff the shooting stations for launching clays, score-keeping, keeping water and ice at stations, man coke machine, and many other important jobs. We have an orientation scheduled for workers at Prairie Creek Ranch this **Friday from 4:30 until 6:00.**

Please let me know today if you plan to help. You are the remaining element that will make this event successful. Our Research Promotion team cannot manage all of the responsibilities of this event. If you are not able, please help by offering other suggestions how these responsibilities can be covered. Such as contacting an older Boy Scout troop, community service organizations, etc.

Remember, these events help our Chapter meet Society goals set for us without having to dig into our own pockets. In addition, we can have fun doing it. Did I mention, ET Chapter ASHRAE Research Promotions would furnish your lunch and drinks?

Call me today or tomorrow or respond to this email. We need your support.

Rhamy Morrison
ET Chapter ASHRAE Research Promotions Chair
903.581.9101
rhamy.morrison@trane.com



Our East Texas Chapter CRC delegation – thanks for serving our Chapter in Cancun!

Building Management System From Honeywell

MINNEAPOLIS—Honeywell has released version EBI R310 of the Honeywell Enterprise Buildings Integrator™ (EBI) building management system. It allows building operators to view and control HVAC, security and life-safety from a local workstation or via the Web. It uses industry standards and open architecture to reduce the need to replace existing HVAC or lighting control hardware to connect disparate systems.



Don presents an ASHRAE Research Award



Student scholarships awarded at the April Meeting

Dehumidification System From Lennox Industries

DALLAS—Lennox Industries introduces Humiditrol®, which the company says is the first fully integrated whole-house dehumidification system. According to the manufacturer, it is capable of removing as much as three times more moisture as conventional dehumidifiers while consuming less energy and without negatively impacting temperature.



Amanda presents a scholarship.

California Touted as Energy Conservation Model

BERKELEY, Calif.—Scientists from Lawrence Berkeley National Laboratory said Friday that copying California's energy-saving steps could help rest of the U.S., and other countries combat rising energy prices and greenhouse warming. Californians on average consume 40% less energy than other U.S. residents. Scientists said that exporting California's energy-saving strategies to the rest of the nation, and to China and India, is the first, least-cost and sacrifice-free answer to the global problems of rising fossil energy prices and greenhouse warming.

Environmental Parameter Transmitter From OMEGA Engineering

STAMFORD, Conn.—The OMEGA® iBTHX transmitter enables users to monitor and record barometric pressure, temperature, relative humidity and dew point over an Ethernet network or via a Web browser. It logs data in standard data formats for use in spreadsheet or data acquisition programs such as Excel and Visual Basic.

CFCs Decrease Despite Increase in Greenhouse Gases

WASHINGTON, D.C.—The amount of emitted chlorofluorocarbons from refrigerators and air conditioners decreased in 2005, according to the U.S. National Oceanic and Atmospheric Administration's Annual Greenhouse Gas Index, released May 1. The total amount of greenhouse gases increased by 1.25% in 2005. Methane emissions leveled off from 2004.

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

Meeting date: Thur. April 20, 2006 (7:00 to 8:30 AM CST)

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

Attendees were: Gene Branam, Don Schuster, Amanda Filbeck, Mohammad Farooq, Jeff Schenefelt, Robert Helt, Dick Cawley, Kristin Schaefer, Bill Stiles, Ernie Herterich

President's Opening Remarks: (Don)

- Don distributed an agenda to all 10 BOG members present.
- The meeting minutes from our March BOG meeting were approved and seconded.

Newsletter:

- The lead article in the April edition will be completed by Amanda and will concentrate on local ASHRAE student activities.
- The May edition which will be our last for the 2005/2006 year, will contain the farewell address by the outgoing chapter president, the Right Honorable Donald Schuster.

CRC:

- Don, Kristin and Ernie are all set to attend with Amanda's approval not yet final. This year's CRC will be hosted by the Mexico City chapter and the designated delegates will have to make the arduous journey to Cancun, Mexico and suffer the three day ordeal of soft white sandy beaches, 85°F water, traditional Mayan entertainment and renowned local cuisine. However the delegates decide to 'take one

for the team' and vowed not to come home early.

- Kristin had stated that almost all the documents and paper work has been completed with some minor details to finalize.
- The student presentation being given at today's technical meeting on history of our local chapter, will be brought to the CRC and used to represent us along with other chapters. It will be on display in the appropriate area during the CRC.

PAOE Points:

- Don was surprised that the chapter did not have more points than is presently showing on the Web site and took an action to investigate and remedy if necessary.

Cost of meals at our meetings:

- Kristin announced that we 'broke even' at yesterday's 4/19 Sat. broadcast meeting.
- There were not any more changes to the meal costs at technical meetings.
- The meal during the May 18th meeting would cost us \$8.00 however we intended to charge \$10.00.

Secretary & Chairs:

- Kristin distributed the 2006/2007 Chapter Information Questioner (CIQ) to all present. It contained the vital basic statistics for our chapter.
- Emil Hoffmann will be the chapter secretary.

Round table items: (All)

Arrangements/BOG (Robert):

- Everything was finalized for the technical meeting later in the day at Carrier.
- The meeting at Carrier would have the following agenda: (a) Student Regional and local scholarship award (b) Carrier award for donations (c) Student presentation on local chapter history by John Bailey (d) the main presentation by Dick Cawley (e) circulate of ballot for the 2006/2007 positions of President and all chairs.

Historian (Farooq):

- No new items to report.

Honors and Awards (Dick):

- The process is currently underway to have Jay Field nominated as a Fellow and Robert Helt nominated for his distinguished service.
- Still progressing without any glitches to date. The deadline is Dec. 1, 2006. we are still waiting for feedback from the 'vetting committee'

Membership (Eric):

- Eric was not present at the meeting.

Past President (Scott Salvage):

- Jeff Stewart will replace Scott Salvage on the BOG next year. (Scott had been spotted just once since his disappearance where he was having dinner with Elvis in Argentina)

President Elect (Kristin):

- The April 19th National ASHRAE Satellite broadcast from Trane Company had a total of six attendees.
- Kristin stated that 26 persons had signed up for the technical meeting later in the day at Carrier plant.
- The technical meeting on May 18th at the east Texas Food bank. Robert Bush would open the meeting while Joey Morris would conduct the tour of the facility. Lunch would be catered by Rudy's and would be in the form of a box lunch brought to and eaten in the lobby of the facility.

Refrigeration (Dick):

- Dick was present and very attentive as usual. He intends to make the 'R' in ASHRAE stand out more prominently in future meetings.

Research Promotion (Rhamy):

- Quite few more volunteers are needed for the May 6th Clay skeet shoot.
- There are plenty of 'vendors' sponsoring prizes and manning booths.
- Tickets are still on sale for the raffle of the shotgun.
- We are hoping and planning to make big \$ savings which will go towards our research fund.

Secretary (Ernie):

- Ernie was present and reported that he intended to solicit the opinion of our chapter members for their thoughts on the content of the 2006/2007 meetings.

Student activities (Amanda):

- There was one winner of the local Chapter student scholarships of \$200 and it went to John Bailey.
- The regional scholarship will be awarded to Brad Crumpton, the single winner, at the April meeting at Carrier later in the day.

Student Branch (Gene & Jeff):

- Jeff suggested that we have some person from the local Chapter go out to UT and speak with the students directly. This idea was received warmly by most members present.
- Jeff requested that we give them more notice that the present two months in order that UT would increase participation in the local and regional scholarship competitions.

- UT-Tyler would also use the photographs that should be taken at the student scholarship award presentation, later in the day, to submit to the local press for publicity.

Treasurer (Bill):

- Audit was completed on April 2, 2006 with details to follow.

Webmaster (Leslie):

- No update at present.

Miscellaneous / New Business

- The next BOG meeting will be on Thursday 5/18/06 beginning at 7:00 AM.

Prepared by Ernie Herterich on 5/3/06



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

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 |
| Dick Cawley | Refrigeration | 903-566-3957 | dickcawley@cox-internet.com |
| 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 Summer Meeting
June 24-28
Quebec, PQ

Future East Texas Chapter Meetings

| | |
|--|--------------|
| Lunch Meetings | Location |
| May 6 New East Texas Food Bank Tour | ET Food Bank |

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

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,

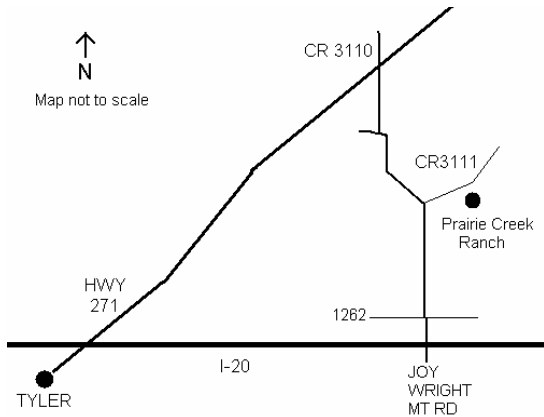
\$20 a ticket for a Beretta automatic shotgun

For questions, call (903) 581 - 3391



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



Name: _____
 Company: _____
 Phone: _____

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 (one station)* \$275

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



**East Texas Chapter
Membership Survey
2006 - 2007**



We desperately need to know what you think of us !!

How do you feel about ASHRAE in general??

What do you think about the local E. TX Chapter ??

Are our Technical meetings too long, too short, or too boring ??

What do you think about the lunches at our technical meetings ??

Is the technical subject matter or tours not adequate to fulfill your needs ??

Do ever read our monthly newsletter; if so what would you change about it??
What would you retain or expand upon ??

How could we bring ASHRAE deeper into the lives of students ??

Is there something else, ASHRAE related of course, that is bugging you or
you are needing to 'get off your chest' ??

Then please take a few minutes to give us your opinions, either good or bad or indifferent, in order that we can improve our Chapter and better serve you.

Please return this completed survey to either:

Kristin Schaefer at kristin.schaefer@trane.com or
Ernie Herterich at ernest.herterich@carrier.utc.com.

Thank you!