



The Comfort Chronicle

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

Volume XXVIII, Issue I, September 2008

www.ashrae-etex.org

Howdy East Texas Chapter of ASHRAE!



I hope y'all have had an excellent summer break and are ready to get "back into the game". We have had quite the turn over in the chapter leadership recently, and some of y'all may remember that I've been the Chapter president before. I'm not the only returning player, so I'll be welcoming back several volunteers to this

rebuilding year while we make room for the new talent on the leadership team.

The initial planning meeting of the Board of Governors (BOG) for our chapter has proven that we do have a gifted bunch of people helping us reach our goals for this year, and we still do have room to grow. One of the open spots is editor of this very newsletter! (It's being filled in the interim by our returning Membership Promotion chair, Clinton Odom.) "Practice makes perfect," so if you need to "practice" your personal development or just want to be more involved with a particular area of ASHRAE, please contact one of us committee chairs or BOG members listed on the last page of the newsletter. I will continue the East Texas tradition of having this lead article feature a different BOG member each month to showcase the talent we have in our chapter. This makes the job of the newsletter editor rather easy in that all they have to focus on is getting the Comfort Chronicle out to y'all by the 3rd of each month.

Every good team has a goal and I'll take this moment to remind you of the East Texas Chapter Mission Statement: *to advance the education of our members, foster high school, college, and university students' interest in HVAC&R engineering and technical fields,*

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

As we kickoff the 2006-2007 ASHRAE year, we have lined up an exciting series of educational lunch programs, facility tours and much more to broaden the education of our members and to achieve a more well-known presence in East Texas this year. We will continue to host the ASHRAE Satellite Broadcast to reach a broader cross-section of our members' needs. Big thanks go to two returning players, Bill Stiles & Don Schuster, for helping me lay out the schedule. Y'all will find the current program lineup on page 6 of the newsletter.

(Continued page 2)

September Meeting

Date: September 18, 2008
Location: Caldwell Zoo
2203 W ML King Blvd., Tyler, Texas
Cost: Adults \$15, Students free.
Schedule: 11:15 Check-in
11:30 Lunch
12:00 Program
1:00 Adjourn
Program: Animal Comfort Control and Food Preservation
Speaker: Roger Box, Maint. Director
Please RSVP to:
Sheri McLain, phone 903-581-3391
email sheri.mclain@trane.com
RSVP by Tuesday September 16 or cost is \$20
For full schedule, see Page 5 or website.

Board of Governors Meeting

TJC White Center Board room
Meet @ 7 AM on September 18th

Future ASHRAE Society & Regional Meetings

2009 Winter Meeting	January 24-28
	Chicago, IL, Palmer House Hilton
Region VIII CRC 2009	April 23 - 25
	Lubbock, TX
2009 ASHRAE Annual Meeting	June 20-24
	Louisville, KY

(From page 1)

We will continue our support of our student chapters at TJC (sustaining the Student Chapter Advisor “veteran”, Gene Branum) and UT-Tyler (encouraging the Student Chapter Advisor “rookie”, Jeff Mountain). A new committee member, Scott Randall, will help us reinvigorate our participation in E-week, which is the national celebration of the engineering profession during February. The joint E-week banquet will be back on the UT-Tyler campus this season and is a great time to celebrate student interest in all branches of the engineering profession.

Our chapter was recognized at the 2008 Spring Chapter Regional Conference (CRC) in Shreveport for the previous year’s (2006-2007) performance, and it is with great pride in our chapter’s accomplishments that I welcome back our Research Promotion chair, Rhamy Morrison. He also has more to report in this newsletter (see page 3) on our performance for last year’s 2007-2008 season, which will surely be recognized at the April 2009 CRC in Lubbock, Texas. I anticipate us keeping the standards high and raising the bar to participate in this year’s fundraising event. Our next Research Promotion event is not finalized yet; so please be looking to provide your input to Rhamy via our powerful new web tool: Survey Monkey. This survey website will also be the new way in which we provide Personal Development Hour (PDH) credit on the lunch meetings to the attendees who need attendance verification (for the small price of some needed feedback).

These are very exciting times to be a part of the East Texas Chapter. Of course, there’s no better way to understand each other’s strengths and learn from each other’s experiences than the face-to-face interaction we get during our monthly meetings. The first meeting is a “behind-the-bleachers” tour of the Caldwell Zoo, which demonstrates how ammonia isn’t necessarily an internal HVAC&R system issue. I’m thrilled to see the inner workings of the elephant pen, the flamingo exhibit, the penguin room, and the commissary. I’ll see y’all on September 18th at lunchtime for the tour!

Regards,
Kristin L. Schaefer
2008-2009 East Texas ASHRAE President

ASHRAE, The Green Grid Collaborate to Develop Data Center Efficiency

ATLANTA – Publications that provide improved guidance for data center design and operation will result from a new agreement between ASHRAE and The Green Grid.

The cooperative publication agreement between ASHRAE and The Green Grid encourages the sharing of technical information, particularly guidance regarding energy efficiency, between the two groups.

With datacom center operations running 24 hours a week, 7 days a week, approximately three times the annual operating hours of most commercial properties, energy use is typically large and concentrated. As a result, issues such as sustainable design, energy efficiency and operating cost become critically important for these facilities.

“This agreement raises our collaboration efforts in the electronics industry and enhances our efforts to provide data center operators with important information to improve the energy efficiency of data centers, paralleling the work already being done by ASHRAE to improve energy efficiency in all types of buildings,” said Roger Schmidt, chair of ASHRAE’s technical committee on mission critical facilities, technology spaces and electronic equipment. “ASHRAE’s unique membership makeup of manufacturers, designers, facility managers, architects and code officials will go a long way in assisting the member companies of The Green Grid.”

“With energy shortages and rising energy costs now topping the list of concerns for large scale organizations, the movement to reduce data center and other IT energy usage patterns is quickly gaining momentum,” said Geoffrey Noer, a director of The Green Grid. “We believe achieving greater IT energy efficiency is a crucial step to ensuring that growing companies can control costs while enabling future expansion.” ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education. The Green Grid, www.thegreengrid.org, is a global consortium dedicated to advancing energy efficiency in data centers and business computing ecosystems.

East Texas Chapter ASHRAE Research Promotion



Year End Report 2007-08

After all is said and done and the record complete, our chapter Research Promotion (RP) had an exceptional RP year. We were just short of our RP goal of \$7,650. Our RP committee focuses and efforts pushed our membership pretty hard. For those that participated

and answered the call; many thanks! For those that could not participate, I wish to thank you for considering. Remember, next year is another opportunity.

Now for the good news! ASHRAE has published their year-end results. I am happy to announce that our society reached another milestone by breaking research promotion goals. Research Promotion contributions broke the \$2-million bracket by raising \$2,266,246.

Region VIII, which East Texas is a member, took the lead in contributions over all of society chapters and we are ranked 10th in that group of 15 chapters. The actual contribution dollars that Region VIII contributed was \$386,525. Review the East Texas Chapter contribution summary below.

All of this means that our Chapter can hold our heads high. Being ranked #10 as a member of the leading region and reaching such goals as Full Circle and approaching \$100/member contributions this campaign year, is recognized by society for our RP efforts. Many of our members are significant contributors in other areas of society and are recognized for those efforts. Thank you East Texas membership and associates for your support in all areas. That is quite an effort for one of the smallest chapters registered at Society. Great job, East Texas!!

With all that said, I would like to recognize the East Texas Chapter RP committee and contributors for another great year. Your RP committee members were Sheri McLain, Kristin Schaefer, Chris Backer, Willy Adams, and Stan Ritchie. Thanks for your creativity, support, and effort to make this the best year for our chapter's RP event.

East Texas Chapter 2007-08 RP Contribution Summary

Goal	\$7,650
Membership	\$1,882
Non-membership	\$800
Trane, Inc.	\$1,947
Trane Residential Systems	\$1,930
Carrier Corp-UTC	\$1,000
Total	\$7,558

East Texas Research Promotion individual contributors include John Bailey, Dick Cawley, Robert Faulkner, Jay Field, Steve Hancock, Robert Helt, Ernie Herterich, Steve Kowalski, Rhamy Morrison, Clinton Odom, Dineshchandra Patel, Scott Salvage, Kristin Schaefer, Don Schuster, Bill Stiles, and Stanley Wilkins.

A big thank you to those that contributed items to our East Texas Casino Event and Raffle. That list includes Altra Federal Credit Union, Trane Residential Systems, East Texas Refrigeration, Walker & Associates, Lincoln Investments – Tyler, The ACT Group, Trane Learning Resources, Best Buy, Don's TV and Appliances, Nike, Coburn Supply – Tyler, Trane Electronics Group, Kristin Schaefer, Holly Tree Country Club, Residence Inn – Tyler, Fruit Bouquet – Lisa Hagan, Stone School of Massage – Paul Stone, The Links @ Lands End, KKUS – Tom Perryman, Twin Lakes Golf, and WalMart – Bentonville.

Also, a big thank you to Robert Thornton of KLTV (Region 56 News) for sponsoring us as our celebrity auctioneer. He and his guest had a terrific time at our dance and karaoke contest and almost won. He expressed to us how much they enjoyed their evening.

Please thank the contributors and sponsors for their support to our East Texas Chapter RP effort this year.

Rhamy Morrison
Research Promotion Chair

Meeting Minutes from Board of Governors
Prepared by Kristin Schaefer

15 Aug 2008: 6 PM @ Kristin's house

Attending: Kristin, Bill, Robert, Rhamy, Clinton & Jeff M.

Officer/Committee Reports:

Kristin Schaefer

Promise to keep BOG meetings to 1 hour only this year (back at TJC after Aug)

Started Survey Monkey account to collect meeting feedback & provide PDH to those members seeking confirmation of attendance.

Need to check with those on Newsletter article list to verify willingness

Stan Wilkins No report @ meeting

Bill Stiles Everything firm for September

Meeting; Account is good

Caldwell Zoo: Tour commissary, the hydronic & ozone systems

To cover Entrance + Lunch, need to charge \$15 this time to members

Don Schuster No report @ meeting

Planning Nov meeting & working on updating past president's list

Robert Helt Lunch Included at Zoo

Dick Cawley No report @ meeting

Two members to honor in Sep newsletter: Ernest W. Schumacher received the Distinguished 50-Year Member Award at the Society's 2008 Annual Meeting in Salt Lake City, Jim Crawford was recognized for his efforts on the Intergovernmental Panel on Climate Change (IPCC) was awarded the Nobel Peace Prize for 2007)

To honor in Jan newsletter: Jay Field will receive Fellow at the Society's 2009 Winter Meeting.

Jeff Stewart No report @ meeting

Rhamy Morrison Article for Aug newsletter already submitted on 2007-2008 performance

Clinton Odom Updated Email roster for this year's use

Interim newsletter editor, so all submissions due by email before the 1st day of the month. Edit copy will be sent out to those who want to review (responses must be received by 2nd for publication on 3rd.)

Scott Randall No report @ meeting

Gene Branum No report @ meeting

Jeff Mountain UT-Tyler chapter records are scarce.

Society is helping to find out who may still be at UT-Tyler or transferred from TJC

Leslie Zinger No report @ meeting

Flyer will be reminder to sign-up, sent on Monday the week of meeting

New Business:
None

Next Meeting: 7-8 AM @ TJC White Center's Board Room, 18 Sep 2008

Need some PDH's/CEU's for you job?
Check out ASHRAE's fall 2008 online courses.

www.ashrae.org/education

Earn 3 PDHs / AIA LUs or .3 CEUs per course
NSPE Ethics Forum – Earn 1.0 PDH

Available Courses

- **Humidity Control I – Basic Principles, Loads and Equipment**
(Take with Humidity Control II for a reduced fee on both courses.)
- **Humidity Control II – Applications, Control Levels and Mold Avoidance**
(Take with Humidity Control I for a reduced fee on both courses.)
- **Understanding ASHRAE's Proposed High-Performance, Green Building Standard 189.1P**
- **Complying with ANSI/ASHRAE/IESNA Standard 90.1-2007 HVAC/Mechanical**
- **Exceeding the Requirements of Standard 90.1-2007**
- **Complying with Requirements of ASHRAE Standard 62.1-2007**
- **Mechanical Insulation**
- **Energy Management in New and Existing Buildings**
- **Healthcare Facilities: Best Practice HVAC Design Considerations and Criteria**
- **Healthcare Facilities: Best Practice Applications of HVAC Systems**

Course Time

All courses are presented from 1:00 p.m. to 4:00 p.m., EDT. That is GMT-4, and attendees in other time zones should compute the start time for their own zones in order to be available at the start of the course. Note that the course is not recorded and will not be available at any other time. It is advised that attendees begin logging on 15 minutes prior to the start of each course to ensure proper connectivity.

Course Credits

After completing each ASHRAE Learning Institute (ALI) course and corresponding course evaluation, you will earn the corresponding number of continuing education credits which can be applied toward maintaining P.E. registration. ALI courses offer Professional Development hours (PDHs) or Continuing Education Units (CEUs) for engineers and AIA Learning Units (LUs) for architects. ALI courses are approved by The Practicing Institute of Engineering, Inc. (P.I.E.) to provide training for New York State's mandatory education requirements for Professional Engineers.

East Texas Chapter Members Honored for Service



Jim Crawford, director of Regulatory Affairs for Trane, was recognized for his contribution to the group that was awarded a Nobel Peace Prize in 2007 when he received a certificate from the Intergovernmental Panel on Climate Change (IPCC). The IPCC shared the Nobel honor with Al Gore, as noted by the committee, “for their efforts to build up and disseminate greater knowledge about man-made climate change, and to lay the foundations for the measures that are needed to counteract such change.”

Crawford served on a panel of science and technology experts that was formed by IPCC, and served as a reviewer for working group reports that contributed to the Nobel-winning assessment and interpretation of environmental research. He noted that he was surprised, and of course honored, that IPCC recognized every individual who had contributed to their award-winning activity.

“A tremendous effort has been put into research behind climate change since the 1980s,” he said. “IPCC has long operated with the highest levels of collaboration from diverse groups on a global scale. It is generous of them to acknowledge the contributions of individuals at every level of the process. This is certainly a highlight of my career.”

He further recognized Trane’s commitment to being part of the solution on environmental issues. “My company’s support in allowing me and my colleagues to be involved with efforts like IPCC’s research speaks to Trane’s role as a good corporate citizen on issues that have a direct impact on our business and our customers’ well-being.”

For more information, visit www.trane.com.

Ernest W. Schumacher received the Distinguished 50-Year Member Award at the Society’s 2008 Annual Meeting in Salt Lake City. The Distinguished 50-Year Member Award is given to persons who have been a member of the Society for 50 years and have performed outstanding service to ASHRAE or its predecessor societies. Mr. Schumacher was honored along with 8 other members at this year’s annual meeting.



Basso

Batheman

Braun

Gupton

Hardin

Meckler



Powell

Ratai

Schumacher

For the latest ASHRAE information, see the “ASHRAE Press Releases” section at <http://www.ashrae.org/pressroom/>

Members first Technology council newsletter
<http://www.ashrae.org/members/page/251>



ASHRAE

East Texas Chapter (091) 2008-2009 Program Schedule



Meeting	Date	Time	Presenter	Company	Location	Topic
September	18, Thu	11:15AM - 1:00PM	Roger Box, Maintenance Director	Caldwell Zoo	2203 W ML King Jr Blvd Tyler, TX 75702	Animal Comfort Control & Food Preservation Tour
October	16, Thu	6:00PM - 7:30PM	Tim Cauley	Trane	Trane 6200 Troup Hwy Tyler, TX 75707	Rapid Prototyping
November	20, Thu	11:15AM - 1:00PM	Andy Heinz	Parker/Sporlan	Carrier Corp. 1700 E. Duncan St. Tyler, TX 75702	Technology in supermarket refrigeration and chiller controls
January	15, Thu	11:15AM - 5:00PM	Lance Kennemer	Brookshire's	Brookshire's Milk Plant	Milk Refrigeration Tour
February	19, Thu	6:00PM - ?	E-Week Committee	TSPE	UT-Tyler	Joint Engineering Society Banquet
March	19, Thu	11:15AM - 1:00PM	James McClure	Estes McClure Associates	3608 Westway St Tyler, TX 75703	TBD
April Satellite Broadcast	22, Wed	11:30AM - 3:00PM	Panel	ASHRAE	Trane 6200 Troup Hwy Tyler, TX 75707	Satellite Broadcast Topic: Indoor Air Quality
CRC	23 to 25- Apr-09	All day	Various	ASHRAE	Lubbock	CRC
May	21, Thu	11:15AM - 1:00PM	TBD	TBD	Carrier Corp. 1700 E. Duncan St. Tyler, TX 75702	TBD



**American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
East Texas Chapter #091, Region VIII
PO Box 9464, Tyler, TX 75711-9464**

2008-2009 CHAPTER OFFICERS

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OPEN	President-Elect		
Stan Wilkins	Secretary	903 510-7361	Stan.Wilkins@carrier.utc.com
Bill Stiles	Treasurer	903 510-3753	bsti@tjc.edu

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Jeff Stewart	BOG	903 581-9157	jeff.stewart@trane.com
Rhamy Morrison	BOG	903 581-9101	rhamy.morrison@trane.com

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Jeff Mountain	Student Activities: UT-Tyler Advisor	903-565-5588	Jeffrey_Mountain@uttyler.edu
Clinton Odom	Membership Promotion	903 509 7292	clinton.odom@trane.com
Leslie Zinger	Webmaster	903 581-3189	leslie.zinger@trane.com

Region VIII Director and Regional Chair

Ken Fulk	DRC	972 788-4222	KFulk@rwb.net
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* = interim