



The Comfort Chronicle

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

Volume XXVIII, Issue III, November 2008

www.ashrae-etex.org

ASHRAE East Texas Website By Leslie Zinger



Hello fellow
ASHRAE members!
When is the last time
you looked at our
chapter website –
<http://ashrae-etex.org/> ?
You will find a plethora

of information about our chapter, including:

- Past and upcoming chapter events
- Contact information for current officers and committee chairs
- Research promotion and Membership promotion
- Chapter newsletters
- Regional information

Our site includes a wealth of history about our chapter – it is interesting to see how the chapter has evolved by reading through some of the old newsletters and seeing how we have evolved over the years.

One of our chapter's specialties is the offering of unique and informative monthly meetings, and often our meetings allow for the physical examination of how HVAC&R is applied for special circumstances. Past tours have included examination of equipment needed for the cold chain of keeping food fresh during storage and delivery, comfort control and food preservation for zoo animals, special ventilation requirements for an indoor shooting range, among many more. If you have no other interest in ASHRAE, I would encourage you to attend our chapter meetings just for the interesting content, camaraderie, and

entertainment. All upcoming events for the chapter's current ASHRAE year may be found by following the **meeting schedule** link located on the right side of the [ashrae-etex.org](http://www.ashrae-etex.org) home page, including the topics for upcoming meetings.

http://www.ashrae-etex.org/meeting_schedule.htm

Have you ever needed to find a particular ASHRAE officer, but just cannot find his or her contact information? Maybe you found a person interested in joining the chapter, but do not know or remember how to find our membership promotion officer.

(Continued on Page 2)

November Meeting

Date: November 20, 2008
Location: Carrier
1700 E. Duncan St. Tyler, Texas
Cost: Adults \$12, Student Members free.
Schedule: 11:15 Check-in
11:30 Lunch
12:00 Program
1:00 Adjourn
Program: "Today's Supermarkets"
Speaker: Andy Heinze
Please RSVP to:
Sheri McLain, phone 903-581-3391,
fax 903-579-7862 –
email sheri.mclain@trane.com
RSVP by Tuesday November 18 or cost is \$20
For full schedule, see Page x or website.

Board of Governors Meeting

TJC White Center Board room
Meet @ 7 AM on November 20th

Future ASHRAE Society & Regional Meetings

2009 Winter Meeting January 24-28
Chicago, IL, Palmer House Hilton
For more information, See
<http://www.ashrae.org/events/page/1925>
Region VIII CRC 2009 April 23-25
Lubbock, TX
2009 ASHRAE Annual Meeting June 20-24
Louisville, KY

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Perhaps you wish to donate to ASHRAE research, but you are not sure who can help you. The ASHRAE local chapter website will help answer your needs – telephone numbers and email addresses for all of our current officers, including members on our Board of Governors and committee chairs, can be found by clicking on the **Chapter Officers** link. http://www.ashrae-etex.org/chapter_officers.htm

Research promotion and membership promotion are of particular interest to our local East Texas ASHRAE Chapter. As a relatively small chapter in our district, we are distinguished in the amount we donate to ASHRAE research each year. Much of this success is due to having an outstanding research promotion officer (thanks Rhamy)! For more chapter information on research promotion, you can click on the **Research Promotion** link. http://www.ashrae-etex.org/research_promotion.htm

We are always looking to grow our chapter by adding new members, and I enjoy learning about the people that help make our chapter great. You can view short biographies of a few of our current members by clicking on the **Membership Promotion** link. http://www.ashrae-etex.org/membership_promotion.htm

Have you ever wondered where you can find an archive of past Comfort Chronicle issues? If you have been following the theme of this article, you will not be surprised that past newsletters can be found of course on our chapter website by clicking on the **Past Newsletters** link! http://www.ashrae-etex.org/past_newsletters.htm

After spending some time looking through these past issues recently, I was reminded that the newsletter you are currently reading used to be called “The SlipStick”, which was printed and mailed to all chapter members. If you are not sure what a “slip stick” is, you just might be YEA eligible (Young Engineers in ASHRAE).

I have only touched on the wealth of information that is located on our website, but there is much more out on our site, including past awards, chapter history, who we are, and our chapter’s society-level participation. I encourage you to take a look at what we have to offer.

October’s Meeting

Last month our East Texas chapter learned about rapid prototyping. SLA, SLS, 3-D printing...all are very important steps in the manufacturing design process that help to make to final OEM product much better with significant time & cost savings.



East Texas Chapter Members are attentive listeners!

Thanks to our presenter Tim Cauley of Trane Residential Systems for giving us an overview of rapid prototyping materials and processes. Also, thanks to Trane for providing the meeting location.



October speaker: Tim Cauley

We were also visited by the director of our region, Kenneth M. Fulk, P.E. Ken gave us a “State of Society” update on what’s been going on at the society level.



Ken Fulk, DRC Reg. VIII, provides information

Membership Promotions reminder:

All members are honorary membership promotions committee members and are encouraged to recruit new members as the opportunity presents itself. If you have a potential new member, please refer them to your Membership Promotion Chair (Clinton Odom), or to any BOG member if they need assistance registering for membership on the ASHRAE website. (<https://eweb.ashrae.org/eweb/DynamicPage.aspx?webcode=verify>)

East Texas Chapter ASHRAE Research Promotion

Another new year for the East Texas Chapter is ticking away. It is already November and there are significant opportunities to be had by all.

This month is Research Promotion donor recognition. At our monthly meeting, our chapter will recognize several people that helped our chapter almost meet our RP goal last year. We were so close. Our final results showed that we missed it by \$100. I am trusting that this year will be different. Our chapter did an RP survey this year and I will share those results later in this article.

First and foremost, we would like to recognize those people from our chapter that contributed to Research Promotion. Please locate those that you know at this month's meeting and thank them for their contribution.

Our chapter officers, committee chairs and members contributed \$100 or more. Those contributions were all that was needed for ASHRAE to award us a High Five again for 07-08 campaign year. Please thank Ernie Herterich, PE, Kristin Schaefer, Don Schuster, John Bailey, Clinton Odom, Stanley Wilkins, Robert Helt, Dick Cawley, Dr. Jay Fields, Ph.D, Robert Faulkner, and Rhamy Morrison for their contributions to RP in 2007-08.

We are well on our way toward another High Five this year because each of the officers and RP Chair has committed to contribute again this year.

Last year was another first for the East Texas Chapter in contributions from outside the industry. Walker Engineering, Inc., a local surveying company, Lincoln Investments, Tyler; Don's TV and Appliances, and Best Buy all contributed dollars or discounts on purchases.

Within the industry, Trane and Carrier each contributed significant funds toward ASHRAE Research Promotion. A Trane Comfort Specialist Dealer, East Texas Refrigeration, contributed labor and materials to install the raffled air conditioning and heating system.

Please thank all of these East Texas contributors for their generous support last year.

We need everyone's help and support this year for ASHRAE Research Promotion contributions.

Remember that all of these proceeds go toward industry research and several of our members are contributors that summarize and scrutinize the research data. Significant Research dollars are invested back into Region VIII universities. Furthermore, every dollar that we contribute is worth \$3 because Trane matches its employee's contributions and ASHRAE matches the grass-roots contributions and there are no management fees associated with all of the RP dollars.

Moving forward to this year, the East Texas ASHRAE BOG elected to survey its membership to better understand the collective desires and support in 2008-09.

Rhamy Morrison
Research Promotion Chair

Please see page 4 for the results of our survey:

Congress Extends Energy Tax Incentives through Economic Recovery Package

ATLANTA – With the passage of the economic recovery package by Congress last week, banks aren't the only ones relieved; proponents of energy efficiency efforts are as well.

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) commends Congress on including in the package provisions for the extension of expired and expiring tax incentives for renewable energy, energy-efficient building upgrades, and appliance and equipment purchases.

"These energy provisions are essential to realizing ASHRAE's goal of reaching net-zero-energy buildings," says Bill Harrison, ASHRAE president. "But more importantly, they are essential for the energy independence of our nation. While the banking industry may be visibly suffering now due to these economic times, we will all suffer if we don't find ways to take advantage of alternative energy sources and make our buildings more efficient."

Though several attempts were made during the 110th Congress to extend these credits and incentives, those attempts failed due to disagreement over funding issues.

Congress article continued on page 5, Rhamy's RP survey Results start below.

| 1. Which activity(s) would you most prefer to be offered this year? (choose as many as you would participate in) | | | Response Percent | Response Count |
|--|--|--------------|------------------|----------------|
| Bingo Night | | 6.7% | 1 | |
| Turkey Hunting Weekend | | 6.7% | 1 | |
| Fishing Tournament | | 6.7% | 1 | |
| Bowling Tournament | | 20.0% | 3 | |
| Skeet Competition | | 33.3% | 5 | |
| Karaoke Night | | 13.3% | 2 | |
| Hole-In-One Competition | | 0.0% | 0 | |
| Golf scramble | | 40.0% | 6 | |
| Deer Hunting Weekend | | 13.3% | 2 | |
| Casino Event | | 13.3% | 2 | |
| Raffle | | 26.7% | 4 | |
| Sporting Clays | | 33.3% | 5 | |
| view Other (please specify) | | 20.0% | 3 | |
| <i>answered question</i> | | | 15 | |
| <i>skipped question</i> | | | 7 | |

| 4. To what extent would you support a single event? (check all that apply) | | | Response Percent | Response Count |
|--|--|--------------|------------------|----------------|
| Ticket sales | | 26.7% | 4 | |
| Contribution | | 33.3% | 5 | |
| Committee member | | 20.0% | 3 | |
| Participant | | 80.0% | 12 | |
| Contact contributors | | 6.7% | 1 | |
| Calling support | | 6.7% | 1 | |
| Reminder support | | 13.3% | 2 | |
| Contact contribution resources | | 20.0% | 3 | |
| view Other (please specify) | | 33.3% | 5 | |
| <i>answered question</i> | | | 15 | |
| <i>skipped question</i> | | | 7 | |

| 2. Would you like to have multiple events? For example our chapter might have a minor event in the Fall and a major event in the Spring. | | | Response Percent | Response Count |
|--|--|-------|------------------|----------------|
| Yes | | 66.7% | 10 | |
| No | | 26.7% | 4 | |
| view Other (please specify) | | 6.7% | 1 | |
| <i>answered question</i> | | | 15 | |
| <i>skipped question</i> | | | 7 | |

| 3. Would you support the East Texas Chapter RP event? | | | Response Percent | Response Count |
|---|--|-------|------------------|----------------|
| Yes | | 80.0% | 12 | |
| No | | 20.0% | 3 | |
| <i>answered question</i> | | | 15 | |
| <i>skipped question</i> | | | 7 | |

| 5. Would you support your East Texas Chapter's effort to contribute RP dollars to Society? | | | Response Percent | Response Count |
|--|--|-------|------------------|----------------|
| Yes | | 73.3% | 11 | |
| No | | 0.0% | 0 | |
| Maybe | | 26.7% | 4 | |
| Other (please specify) | | 0.0% | 0 | |
| <i>answered question</i> | | | 15 | |
| <i>skipped question</i> | | | 7 | |

| 6. To what extent would you contribute to your East Texas Chapter's RP effort? (check all that apply) | | | Response Percent | Response Count |
|---|--|--|-------------------|----------------|
| \$20 | | | 33.3% | 5 |
| \$5 times years of membership | | | 13.3% | 2 |
| Match Full Circle contribution (\$100) | | | 46.7% | 7 |
| Supply door prize(s) | | | 26.7% | 4 |
| Provide Raffle Items | | | 6.7% | 1 |
| Sponsor prizes or trophies | | | 6.7% | 1 |
| Not able to contribute this year | | | 0.0% | 0 |
| <input type="button" value="view"/> Other monetary contributions | | | 13.3% | 2 |
| | | | answered question | 15 |
| | | | skipped question | 7 |

Congress continued from page 4

One key provision in the legislation is the extension of the Commercial Building Tax Deduction (CBTD) through 2013. This allows building owners to claim a deduction of up to \$1.80 per square foot for HVAC, lighting or envelope upgrades resulting in 50% savings over ANSI/ASHRAE/IESNA Standard 90.1-2001. This five-year extension allows for the planning schedules often needed in design and construction, whereas the provision previously was only certain for shorter periods, affecting its usefulness.

- The legislation additionally creates new credits for combined heat and power system property, small wind energy property, and geothermal heat pump systems through 2016. Other energy provisions in the legislation include:
 - Extending the Renewable Energy Production Credit for wind to 2010, biomass, geothermal, solar and hydro to 2011, and adds a marine/tidal credit through 2012.
 - Extending credits for solar energy property, fuel cell property and microturbines through 2016.
 - Establishing provisions for Energy Conservation Bonds issued by states or localities to conduct energy conservation projects
 - Extending residential tax credits for energy saving appliances, energy efficient homes, and on-site renewables.
 - Adding accelerated depreciation period for smart meters and smart grid systems, encouraging investment in these systems.
 - Extending a program providing tax-exempt bond designation to designated green building and sustainable design projects on brownfields.

- Extending the expired business research credit through 2009.

For more information on ASHRAE Government Affairs, please visit www.ashrae.org/advocacy.

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.

October Meeting Minutes from Board of Governors Prepared by Stan Wilkins

Attendees: Gene Branum, Dick Cawley, Ken Fulk (DRC), Dr. Jeff Mountain, Clinton Odom, Scott Randall, Kristin Schaefer, Don Schuster, Jeff Stewart, Bill Stiles

Meeting Location and Time: TJC White Center's Board Room from 7-8am

President – Kristin Schaefer

- Currently, no PAOE points for reviewing ASHRAE paper. PAOE points only for reviewing handbook, standard, or guideline review per society's format. The idea was brought up to write a formal CRC motion to get a meeting paper to count towards PAOE points. K. Fulk agreed to take suggestion to next year's society president.

Secretary – Stan Wilkins (absent)

- Minutes presented as printed in newsletter, motion to accept by D. Schuster and second by B. Stiles

Treasurer – Bill Stiles

- Reported that account balance is \$900
- B. Stiles is preparing for tax submission that is required in spite of the society's tax exempt status

Chapter Programs – Kristin Schaefer

- Online survey results presented. Of 41 attendees at September technical meeting, 13 individuals responded. Moving forward, it was decided that the online survey is preferred over the paper survey because the quantity of responses in similar and is saves paper

- The chapter will not find out about presidential visit until October 22. March technical meeting back up will be EMA. May backup could be Jan Sundall, AC tech license changes, EPA / NATE certification (Loran Dailey), potential meeting / tour at Air Rover in Tyler, TX, or a tour of John Soules Foods new facilities

Historian – Don Schuster

- Historian Past President's research turning into April article
- November meeting is booked at Carrier. Meeting room holds 25-35 people.

BOG / Refrigeration – Dick Cawley

- There is some uncertainty about the refrigeration webinar. The Refrigeration committee is on its third committee chair since the idea was proposed so it is unlikely the webinar will materialize.

BOG / Research Promotion – Rhamy Morrison (absent)

- November will be Research Promotion month for the East Texas Chapter. The technical meeting will recognize 2007-2008 contributors and will need to be mentioned in the meeting flyer.
- Full Circle contributions are due by December to received PAOE points.
- Online survey results showed the preferred events would be (in order of preference): Golf Tournament, Sporting Clays / Skeet Tournament, Raffle, Bowling Tournament

Membership Promotion – Clinton Odom

- Email roster is up to date for 2008-2009 use
- January will be Membership Promotion month. Technical meeting flyer will include a "Bring a Friend" promotion. Membership applications and benefits information will be on hand at technical meeting.

Student Activities – Scott Randall

- E-Week planning committee mentioned that this year there would be displays rather than a speaker. S. Randall will check with R. Morrison on the status of the ASHRAE display. ASHRAE is charge of calling the local high schools to promote the E-Week banquet. It was mentioned that Jennifer Scott at UT Tyler has an active list of high school contacts.
- The chapter will be able to present Jay Field's Fellow award. K. Schaefer is checking on Jay Field's availability.

Student Activities – Dr. Jeff Mountain (UT Tyler Adviser)

- J. Mountain is working on getting the generic "East Texas" students to specify the school. The UT Tyler student chapter's members are joining for the right reasons and being encouraged to grow because of that. It was reported that the CRC may have good training for new student advisers.

BOG – Gene Branum (absent)

- The chapter received PAOE points for Jim's talk about the science and myths about global warming. The talk to G. Branum's Introduction to Engineering class was well received. There are still more opportunities for chapter members to give talks to the class.

New Business

- Motion to adjourn by J. Stewart, second by J. Mountain
- Next BOG meeting: November 20, 2008 at TJC White Center's Board Room from 7-8am

October Technical Meeting – Product Realization through Rapid Prototyping

- Tim Cauley presented Product Realization through Rapid Prototyping. The meeting was held at Trane and was well received.
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Make plans now to attend the 2009 CRC

CRC 2009 Lubbock, TX

CRC (Chapter Regional Conference) the annual meeting for all 15 chapters in ASHRAE Region VIII. The CRC is a golden opportunity for all the chapters to come together and learn about and from each others. The conference also gives everyone an opportunity to meet and fellowship together. CRC ends with the big event of the awarding of the Golden Gavel to the best chapter of the year.

Each year a different chapter hosts the CRC and opens their doors to the Region.

CRC 2009 General Chair: Mike Powell

Anthony Mechanical Inc.
PO Box 3886; 525 E 40th Street
Lubbock, TX 79452
Phone (806) 747-4151
Fax (806) 747-7733
mike@anthmech.com

Co-Chair for 2009 CRC: Roger Roe

CHE Inc.
P.O. Box 6038; 2405 114th Street
Lubbock, TX 79423
Phone (806) 745-6692
Fax (806) 745-3462
rogerr@cheincorp.com

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

East Texas Chapter Member Honored

Trane Residential Systems (RS) recently introduced an internal "Pass It Forward" leadership recognition program that offers a way to commend the many people within the business who consistently demonstrate "above and beyond" leadership with people or projects. Recipients of the award keep a recognition plaque for seven days and then are expected to pass it on to someone else who exhibits like leadership. RS President Dave Pannier was delighted to present the award to our very own Research Promotion chair, Rhamy Morrison, in response to a personal note he received from the students of the 2008-2 STEP (Sales and Technical Education Program) lauding Rhamy for his skills, experience and enthusiasm as the "dean" of STEP. According to Dave, "Rhamy is just one of many talented people in our organization that lead by example every day." We feel the same way in the East Texas Chapter...



Congratulations, Rhamy!

If you know of any member of our chapter that deserves a shout out for an accomplishment or honor, please let me (Clinton Odom), or any chapter officer know so we can include it in the next newsletter.



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 | 11:15AM - 1:00PM | 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 - 1:00PM | 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

| | | | |
|------------------|-----------------|--------------|------------------------------|
| Kristin Schaefer | President | 903 581-3289 | kristin.schaefer@trane.com |
| OPEN | President-Elect | | |
| Stan Wilkins | Secretary | 903 510-7361 | Stan.Wilkins@carrier.utc.com |
| Bill Stiles | Treasurer | 903 510-3753 | bsti@tjc.edu |

BOARD OF GOVERNORS

| | | | |
|----------------|-----|--------------|---------------------------|
| Dick Cawley | BOG | 903 566-3957 | dickcawley@suddenlink.net |
| Robert Helt | BOG | 903 581-3651 | robert.helt@trane.com |
| Jeff Stewart | BOG | 903 581-9157 | jeff.stewart@trane.com |
| Rhamy Morrison | BOG | 903 581-9101 | rhamy.morrison@trane.com |

COMMITTEE CHAIRS

| | | | |
|----------------|--------------------------------------|--------------|-------------------------------|
| Don Schuster | Historian | 903 510-7440 | don.schuster@carrier.utc.com |
| Clinton Odom | Delegate | 903 509 7292 | clinton.odom@trane.com |
| Stan Wilkins | Alternate Delegate | 903 510-7361 | Stan.Wilkins@carrier.utc.com |
| Rhamy Morrison | Research Promotion | 903 581-9101 | rhamy.morrison@trane.com |
| OPEN | Newsletter Editor | | |
| Don Schuster | Chapter Technology Transfer (CTTC) | 903 510-7440 | don.schuster@carrier.utc.com |
| OPEN | CTTC: Chapter Programs | | |
| Dick Cawley | CTTC: Refrigeration | 903 566-3957 | dickcawley@suddenlink.net |
| Scott Randall | Student Activities | 903-510-7557 | Scott.Randall@carrier.utc.com |
| Gene Branum | Student Activities: Tyler JC Advisor | 903 510-2232 | gbra@tjc.edu |
| 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 |
|----------|-----|--------------|---------------|