



March 25: Vol. 56, No. 07

Produced by: Jay Sullivan  
Chapter Newsletter Editor/ Chairman

**The Therm, is a monthly Newsletter for chapter members and HVAC&R professionals alike, that provides information about the Fort Worth Chapter of ASHRAE.**

[Click for PDF version](#)

## President's Message

Hello my fellow Fort Worth Chapter ASHRAE Members, I hope you are all enjoying our 2014 chapter year as much as I am, we have already hosted many exciting events, with more to come. Thank you for reading the March addition of the 2014 chapter newsletter.

Please join us tomorrow, March 26th for our monthly chapter meeting on Engineering Ethics, starting at 11:30am at the Petroleum Club. Our speaker is George Hartman, P.E. who is a Licensing Project Manager at the Texas Board of Professional Engineers in Austin, TX. He has been with the Board for ten years and previously worked with the Texas Commission on Environmental Quality and predecessor agencies. He has also worked with Huntsman Corporation and two environmental consulting firms. He is a 1981 graduate of Manhattan College with a Bachelor's degree in Chemical Engineering.

February was our Sustainability Month, which included a successful chapter meeting on energy savings and sustainability and a sustainability tour of The University of North Texas in Denton, and fun was had by all at our third YAE Happy Hour event at the Vee Lounge.

Yesterday, March 24th we had another record breaking research promotion golf tournament thanks to David Muzzy and Sean Rath, with 23 teams participating, raising over \$10,000 for research, so please everyone join me in thanking David and Sean for another excellent job raising money for ASHRAE research.

We have two more excellent technical presentation lined up for April and May chapter lunch meetings, both meetings will be held at The Petroleum Club at 11:30am.

On April 16th we have Dr. Robert Scheir, Ph.D. President of Steril-Aire, providing a technical presentation on the Application of Germicidal UVC energy to clean HVAC systems & air stream.

Please remember that Region VIII CRC is April 24th to April 26 in Little Rock, so please make plans to attend, and if you have any motions to be brought before the region please get those to either me, or your chapter delegate and/or alternate, Jay Sullivan or Clif Upham.

The nominating committee has put forth David Muzzy, Rick O'Connor, and Dan Merkel to serve as the BOG at-large members for next chapter year and the chapter will vote on their approval at the next general meeting.

Please remember our chapter facebook page, <https://www.facebook.com/ashraeftw>. Please like us on Facebook!

I am enjoying the opportunity to serve the chapter as this year's president and encourage you to please reach out and contact me with any feedback, questions, comments or concerns. Together we will all make this a successful year for our Fort Worth ASHRAE chapter.

Thank you, Tony Finch, P.E.  
Chapter President 2013-2014  
Mobile (817) 480-6030

Next Chapter  
Meeting

March 26, 2014

11:30AM

"Engineering Ethics"

777 Main St.  
40th Floor  
Fort Worth, TX

[CLICK HERE TO  
CONTRIBUTE!](#)

## March Program – March 26, 2014

Date: March 26, 2014

Time: 11:30 a.m. – 1:00 p.m.

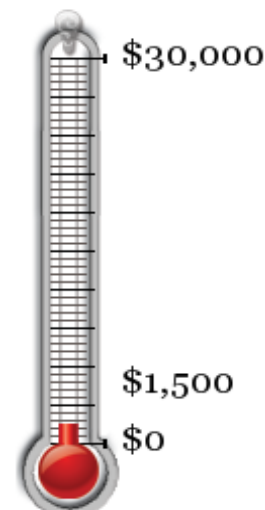
Location: Petroleum Club, 777 Main Street, Fort Worth, TX

Topic: Engineering Ethics

Speaker: George Hartman, P.E.

George Hartman, P.E. is a Licensing Project Manager at the Texas Board of Professional Engineers in Austin, TX. He has been with the Board for ten years and previously worked with the Texas Commission on Environmental Quality and predecessor agencies. He has also worked with Huntsman Corporation and two environmental consulting firms. He is a 1981 graduate of Manhattan College with a Bachelor's degree in Chemical Engineering.

RP DOLLARS



## January Meeting Minutes – Board of Governors Meeting

Call to Order – 10:40 AM. Tony Finch, Jay Sullivan, Clif Upham, Travis Brunkenhoefer, Saul Martinez, Larry Akers, Keith Woodlee, Dennis Bohn, Dan Merkel, Sean Rath, Connie Staudt, Joe Baierski, Patty Parrish, Connie Staudt, Cody Pace, John Rhodes, and John Herrod, Region 8 DRC in attendance.

### President's Award of Excellence (PAOE) Update

	<u>Par</u>	<u>Last Year</u>	<u>YTD</u>	<u>Goal</u>
o Membership Promotion:	800	500	0	1200
o Student Activities:	500	1970	600	1500
o Research Promotion:	1050	1735	0	2700
o Historical Reporting:	300	350	0	500
o Chapter Operations:	1000	2160	435	1500
o Chapter Technology Transfer:	1050	1200	255	1750
o Government / Grassroots	650	0	275	850
<b>TOTALS</b>	<b>5350</b>	<b>7915</b>	<b>1565</b>	<b>10,000</b>

- Include Joe (YEA Chair) on PAOE Points

### Officer Reports

#### President-Elect (Sullivan)

- o PAOE update – No Update
- o Therm – New E-mail invitations for meetings has been working great.
- o Nominating Committee update: (Patty Parrish, Nick Schroeder, Clif Upham, Jay Sullivan)
  - o Ian Bost
  - o Nick Schroeder
  - o Cody Pace
  - o Patty Parrish
  - o Matt Carter

#### Secretary (Upham)

- o PAOE – Nothing to report
- o PDH Certificates

## January Meeting Minutes – Board of Governors Meeting (cont.)

### *Treasurer (Schroeder)*

- PAOE - Nothing to report
- Account Update

### *BOG At-Large (Finch, Merkel, Sullivan, Upham, Schroeder, Akers, Pace, Bost)*

### Committee Chairman Reports

#### *CTTC (Brunkenhoefer)*

- PAOE update – Will update
- Program updates
  - February 19<sup>th</sup> Energy Conservation & Sustainability program already set up by Connie – Flyers on the table
  - March 7<sup>th</sup> Sustainability Tour of UNT set up by Connie – Flyers on the table
  - March 26<sup>th</sup> – DL speaker on ventilation in classrooms confirmed. Will use for membership promotion month.
  - April presentation confirmed, program presented by PHD
- Committee Updates

#### *Historian (Martinez)*

- PAOE update
- Leadership recall interview for next week. Company histories as well. Archive at the central library – will update.

#### *Honors & Awards (Akers)*

- PAOE update
- Be sure to update your bio.

#### *Membership Promotion (Woodlee)*

- PAOE – No Update
- New Members – 3 new members.
- Need to designate a meeting as membership promotion – March 26<sup>th</sup> selected.

#### *Refrigeration (Bohn)*

- PAOE
- Update on Miller tour today – Thank you very much. 41 people attended. Need to update PAOE points.

#### *Research Promotion (Merkel)*

- PAOE – assigned by dollars raised
- Dollars Raised: Approximately \$7,500.
- Car Show this Spring in early April.

#### *Special Events (Rath)*

- PAOE update
- Spring Golf tournament – flyers on table. March 24<sup>th</sup>.
- Other special events – Past President's night. Tentatively scheduled for the Fort Worth Central Library for the 3<sup>rd</sup> week in June.

#### *Student Activities (Bost)*

- UTA
- TCU
- PAOE update
- Future cities competition for \$100. Get report from Ian.
- Next year the chapter will match the dollar amount required for a student to go to the ASHRAE Yearly meeting.

#### *Webmaster (Staudt)*

- PAOE update
- Thank you very much: Website is updated: New officers on the web, past meetings information, upcoming meeting info. And general info
- Consider hiring a firm to build new website

## January Meeting Minutes – Board of Governors Meeting (cont.)

### YEA (Baieriski)

- PAOE update
- YEA Happy hour on February 27<sup>th</sup> at the Vee Lounge Joining Network After Work

### Golf Tournament (Muzzy)

- Spring Golf Classic Updates – flyers on table – set for March 24<sup>th</sup>.

### Government (Merkel)

- BBC
- PAOE update

### CRC (Parrish)

- FTW CRC Update
- Next meeting on 2/24 at the McMillan James office in Grapevine.

### PR / Outreach (Harris)

- PAOE
- Car show updates: Dates

### Sustainability (Staudt)

- February Chapter meeting presentation, topic, speaker, date and sustainability tour of UNT – Flyers on table
- PAOE update

### Grassroots (Fields)

### Old Business

- Is everyone e-mailing their RVC
- Need to send an e-mail with what you qualified for in your PAOE category to Tony Finch so that he can update online

### New Business

- Past presidents night plan: location suggestions and format
- Winter Conference – who is going
- Little Rock CRC – who is going? Might get a bus to/from.
- Next meeting at Petroleum Club February 19<sup>th</sup>
- YEA Happy hour on February 27<sup>th</sup> at the Vee Lounge Joining Network After Work
- UNT sustainability tour on March 7<sup>th</sup>

### Closing

11:30 AM.

## January Meeting Minutes – General Business Meeting

Call to Order 11:51 AM– Self introductions

### Old Business

- Approve the meeting minutes for November/December Thern

### Tony Finch Introduced John Herrod, Region 8 DRC

- John Harrod presented John Rhodes with an ASHRAE Society Research Promotion Award. John helped raise more than one million dollars for ASHRAE Research Promotion during his tenure as the Research Promotion Chair.

### New Business

- Matt Carter, head of the nominating committee, recommended that the chapter elect Patty Parish for the position of Treasurer for 2014 – 2015. Election will be held next month.
- Look on tables, several flyers are on the table about upcoming events
  - Next month's meeting is February 19<sup>th</sup> on Energy Savings & Sustainability
  - YEA Happy Hour: February 27<sup>th</sup> at the Vee Lounge Joining Network After Work
  - UNT Denton Sustainability tour is on March 7<sup>th</sup>
  - Spring Golf Tournament is March 24<sup>th</sup> at TIMARRON GOLF CLUB

### Program

- Dan Merkel Introduced our speakers
- Fort Worth Thrivability: Tactics Being Implemented for a Better Fort Worth – by Sam C. Steele – Administrator of Sustainability Programs for the City of Fort Worth and Samuel Gunderson, Conservation Specialist for the City of Fort Worth

### Closing

- Reminder – Next meeting is back here on February 19<sup>th</sup>
- Sign up for the Spring Golf Tournament
  - We are looking for sponsors of all types, lunch, dinner, hole and table
- Please complete program evaluation forms on the tables
  - Meeting Adjourned – 12:59PM

## CRC 2015 Update – Patty Parrish

The CRC committee met Jan. 13<sup>th</sup> at Bartos Industries in Fort Worth. We ironed out details to finalize the budget and we appear to be on track for a fantastic event in April 2015 in Fort Worth. We want to make it the best CRC in the past 10 years and need everyone's support to make that happen. We are planning fun events and setting the details for the tech sessions and meetings. If you have any input you would like to share with our committee, please feel free to let us know. We will be meeting again on Feb. 24<sup>th</sup> at McMillan James office in Grapevine to make final preparations for the presentation during the upcoming CRC in Little Rock, Arkansas this April. We are trying to get a bus group set up to make the trip together. If you are interested in attending, let me know.

Hope to see you there!!!

Sincerely,  
Patty Parrish  
CRC 2015 Chair

## Treasurer's Report – Nick Schroeder

STARTING BALANCE DATE	10/1/2013
NEW BALANCE DATE	11/31/2013
Treasurer's Report	Nick Schroeder
<u>Financial Data:</u>	
Starting Balance (10/1/13):	\$ 8,193.90
Deposits:	
10/16 - October Luncheon Check Payments	\$ 125.00
10/16 - October Luncheon Cash Payments	\$ 611.00
10/17 - Square Direct Deposit (CC Luncheon Dues Payment)	\$ 218.11
10/22 - Eventbrite Direct Deposit (Luncheon Dues)	\$ 150.00
11/05 - Square Direct Deposit (CC Golf Tournament Payments)	\$ 3,977.50
11/06 - Square Direct Deposit (Reimbursement to Taylor Moody for MJEC Golf Overpayment)	\$ 840.00
9/30 - Dues from Society (9/19)	\$ 665.00
9/30 - Eventbrite Check (Luncheon Dues, 8/26)	\$ 425.00
9/30 - Check from Climatec LLC - ASHRAE Research?	\$ 500.00
9/30 - September Luncheon Check Payments	\$ 275.00
9/30 - September Luncheon Cash Payments	\$ 250.00
9/30 - Check from Clif Upham - ASHRAE Research	\$ 100.00
Subtotal:	\$ 8,136.61
Payments:	
10/17/2013 - Check #5371 to The Fort Worth Club for October Luncheon/Parking	\$ 1,065.20
10/31/2013 - Check #5374 to Stewardship Action Council for booth at UT Arlington	\$ 150.00
11/06/2013 - Check #5372 to Ian Bost for Reimbursement of 21 Student Memberships	\$ 420.00
11/06/2013 - Check #5373 to Society for Full Circle Research Promotion Payment	\$ 400.00
11/06/2013 - Check #5373 to Society for Full Circle Research Promotion Payment	\$ 400.00
11/06/2013 - Square Direct Deposit (Reimbursement to Taylor Moody for MJEC Golf Overpayment)	\$ 243.12
11/24/2013 - Check #5375 to Marianna Vallejo for 11/1 UTA Chapter Luncheon	\$ 137.16
Subtotal:	\$ 2,035.20
New Balance as of 11/31/2013:	\$ 14,295.31

## Webmaster – Connie Staudt

We have 15 people attend the UNT Sustainability Tour on Friday, March 7. It went very well.

I have approval for the budget to update the chapter website. I am planning a meeting with the graphic designer in the next couple of weeks to get the design started. My goal is to have completely updated in the next 3 months.

Thank you!

Connie Staudt, MBA



## Region VIII CRC

*Hosted by*



# Registration Now Open!

---

The Arkansas ASHRAE Chapter is proud to announce that registration for the 2014 ASHRAE Region VIII CRC is now open! Please follow the link below to register online.

*Early Bird Registration*

**\$250**

*After March 15th*

**\$275**

[Register Here!](#)

If you should have questions about registration, please contact Chris Ahne at [cahne@hobbsassociates.com](mailto:cahne@hobbsassociates.com).

Please direct all other questions to [CRC@ArkansasASHRAE.org](mailto:CRC@ArkansasASHRAE.org).

Thank you for your time and we look forward to seeing you in Little Rock in April!



---

## Local Accommodations

### *Conference Hotel*

This year's conference will be hosted downtown at the Little Rock Marriott and the adjoining Statehouse Convention Center.

The hotel is conveniently located within blocks of the evening social activities venues.

A block of rooms is reserved at the Marriott for \$149 per night.

[Click here to make your reservations online!](#)

## ASHRAE Webcast – Save the Date

**SAVE THE DATE**

**April 17, 2014**

**1:00pm - 4:00 pm EDT**

**FREE ASHRAE WEBCAST**

***Buildings in Balance: IEQ and Energy Efficiency***

This FREE webcast will feature industry experts who will identify the link between energy efficiency and Indoor Environmental Quality (IEQ) through the integrated design process. Viewers will be able to recognize the importance of the four cornerstones of IEQ and how system selection can benefit both energy efficiency and IEQ.

it [www.ashrae.org/IEQWebcast](http://www.ashrae.org/IEQWebcast) for additional information about the program, sponsorships, continuing education credits,

## Chapter Officers and Committee Chairs

### OFFICERS

President	Tony Finch	817-656-6076	tonyfinch@mail.ashrae.org
President-Elect	Jay Sullivan	817-805-0020	jay.sullivan@mail.ashrae.org
Secretary	Clif Upham	682-253-9122	cupham@bartosindustries.com
Treasurer	Nick Schroeder	817-272-9075	nschroeder@uta.edu
Governor	Larry Akers	817-336-0543	lakers@fribergassociates.com
Governor	Tony Finch	817-656-6076	tonyfinch@mail.ashrae.org
Governor	Dan Merkel	414-807-0204	daniel.merkel@mail.ashrae.org
Governor	Jay Sullivan	817-805-0020	jay.sullivan@mail.ashrae.org
Governor	Clif Upham	214-483-5000	clif.upham@engineeredair.com
Governor	Cody Pace	817-338-1277	cody.pace@mail.ashrae.org
Governor	Ian Bost	817-338-1277	ian.bost@mail.ashrae.org

### COMMITTEE CHAIRS

Audit	Phil Farco	817-267-8651	phil_farco@mason-dallas.com
Chapter Technology Transfer	Travis Brunkenhoefer	817-793-2325	travis.brunkenhoefer@texasairsystems.com
Historian	Saul Martinez	682-521-6981	smartinez@bhbinc.com
Honors and Awards	Larry Akers	817-336-0543	lakers@fribergassociates.com
Newsletter	Jay Sullivan	817-805-0020	jay.sullivan@mail.ashrae.org
Membership	Keith Woodlee	817-416-2881	keithw@encoremechanical.com
Refrigeration	Dennis Bohn	682-429-3647	dbohn@haroldjames.com
Research Promotion	Dan Merkel	414-807-0204	daniel.merkel@mail.ashrae.org
CRC	Patty Parrish	817-791-3227	patty.parrish@us.belimo.com
Student Activities	Ian Bost	817-338-1277	ian.bost@mail.ashrae.org
Golf	David Muzzy	817-257-4928	d.muzzy@tcu.edu
Special Events	Sean Rath	817-338-1277	srath@bhbinc.com
Webmaster	Cody Pace	817-338-1277	cody.pace@mail.ashrae.org
YEA	Joe Baierski		jbaierski@trane.com
TEGA/Grassroots	Ross Fields	817-522-8407	ross.fields@texasairsystems.com
PR/Outreach	Mark Harris	817-626-0033	mharris@brandteng.com
Sustainability	Connie Staudt	972-243-6884	connie@ct-supply.com

## THERM Subscription Management

Need assistance? Please use the links below or contact us by [e-mail](#).

To change your e-mail address for all THERMS, [click here](#). This will only change the e-mail address to which your THERM is sent.

Should you encounter problems reading a THERM, you may access any issue archived on the ASHRAE Web site at [this link](#).

All contents copyright © 2013  
Fort Worth Chapter of ASHRAE  
PO Box 893  
Fort Worth, TX 76101

