

## Next Chapter Meeting

September 17, 2014 @

11:30am

“Current Research in  
Data Center Energy  
Efficiency”

UTA

College Park Center

Hospitality Suite

600 S. Center St.

Arlington, TX 76019

## Contribute

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## President's Message—Jay Sullivan

The 2014-2015 ASHRAE Fort Worth year began last month with a great first meeting combining our chapter and the North Texas Association of Energy Engineers. The venue at TCU's Amon Carter stadium was wonderful and the program was equally strong. The joint meeting gave our members and opportunity to network with other members of the industry that we might not otherwise interact with, and the Smart Cities presentation shed some light on some topics that we may not consider in our day to day HVAC&R careers. I'd like to personally thank the NTAEE Chapter as well as a member of both organizations, David Muzzy, for helping coordinate the venue and facilitate interaction between the two organizations.

I'm equally excited about this month's meeting. Our presenter has been an active member of the ASHRAE Fort Worth UTA Student Chapter for a few years and has fulfilled recent internship positions in our market. His presentation is part of his ongoing Ph.D. program and covers a topic that is becoming more and more prevalent in our industry. This also gives us a chance to showcase another recently completed construction project in the area. I hope you take the time out of your schedule to join us as I think it will be worth your while.

Following the meeting, we are hosting our second YEA Happy Hour at The Flying Saucer in Sundance Square. We had a good turnout for last month's happy hour and I hope to have more this month. I think everyone who attended would agree that it was a great time. It's a good opportunity to socialize with members of your chapter outside of the day-to-day responsibilities of our industry.

We are still actively recruiting volunteers to help us fill committee positions and get more involved in the local chapter. If that interests you, please contact me or another one of the BOG members and we can get you involved. I hope to see you all at the meeting on the 17<sup>th</sup> and look forward to working with you throughout the year. Please don't hesitate to contact me if there is anything that I can help with.

**Jay Sullivan**

President

ASHRAE Fort Worth

817-805-0020



## Upcoming Events

### September Program—September 17, 2014 @ 11:30 am

UTA College Park Center Hospitality Suite, 600 South Center St., Arlington, 76019  
“Current Research in Data Center Energy Efficiency” – Rick Eiland—UTA

Rick Eiland is a Ph.D. student in Mechanical Engineering at UT Arlington. His research interests focus on maximizing data center efficiency through holistic thermal designs. Over the past five years he has had an opportunity to work for a variety of companies in semiconductor fabrication, data center design, building management systems, and general HVAC engineering. Currently, his dissertation focuses on understanding the thermo-mechanical challenges for oil immersion cooled servers and its impact on efficiency, reliability, and operability of data centers. Rick received his undergraduate degree in Physics from Southwestern University in Georgetown, TX. He also served as president for ASHRAE's UTA Student Branch the past two years.

### YEA Happy Hour – September 17, 2014 @ 5:30

Flying Saucer – Sundance Square

### \*\*\*\*ASHRAE Fall Golf Tournament will be held Monday, October 6<sup>th</sup>\*\*\*\*

Waterchase Golf Club, Fort Worth - Monday, October 6, 2014, 4-person scramble, shotgun start at 1:00 pm- \$125 per player, registration starts at noon. Lunch, dinner and awards included. [October 2014 Fund Raiser Golf Tournament Registration form.](#)

We are looking for hole sponsors, a lunch sponsor and a beverage sponsor.

Please forward team entries and sponsorship information to David Muzzy @ [d.muzzy@tcu.edu](mailto:d.muzzy@tcu.edu)

### ASHRAE Region VIII CRC 2015—April 23-25, 2015

Fort Worth, Texas

Come enjoy the city of Cowboys & Culture at the 2015 ASHRAE CRC! Check out all the fun things to do in [Fort Worth!](#) April 23-25, 2015 at the [Hilton Hotel Downtown](#) - Fort Worth, Texas

You can make your hotel [reservations](#) now! Parking details—[www.fortworthparking.com](http://www.fortworthparking.com) (more details to follow)



## Upcoming Events cont...

### [2014 ASHRAE/IBPSA – USA Building Simulation Conference](#) [September 10-12, 2014](#)

#### **Atlanta, GA**

ASHRAE and IBPSA-USA are convening this conference to improve the industry's ability to accurately model building performance. The conference merges the IBPSA-USA SimBuild and ASHRAE Energy Modeling Conferences. The focus is on making better decisions through the application of simulation and modeling over the entire building life cycle from the earliest concept through operation and maintenance. "This conference is a first for the industry, and we're excited about the benefits it can bring to the building energy analysis and performance simulation community," Dennis Knight, Conference chair, said. The conference seeks to improve the industry's ability to accurately model building performance. Modelers, software developers, owners and researchers will address the practices of energy modeling and building performance simulation using existing simulation tools, software development, and future simulation research and applications. The conference will take place at the Atlanta Marriott Buckhead.

#### **Goals**

The conference brings together the building energy analysis and performance simulation community for three days of discussion, seminars, and short courses. Modelers, software developers, owners, and researchers will address the practices of energy modeling and building performance simulation using existing simulation tools, software development, and future simulation research and applications. "The goal of the conference is help make better decisions through the application of simulation and modeling over the entire building life cycle from the earliest concept through operation and maintenance," Knight said.

#### **Student Participation**

The conference will have a student component where students can submit a paper for a scholarship opportunity. More information will be posted.

### [HVAC Design Training November 2014](#)

#### **Atlanta, GA**

#### **Level 1 November 3-7, 2014 and Level II November 6-7, 2014**

ASHRAE Learning Institute offers two intensive HVAC Design training sessions that cover the fundamentals and technical aspects to design, install and maintain HVAC systems by incorporating the application of Standards 55, 62.1, 90.1 and 189.1.



## Upcoming Events cont...

[2014 Fall Online Courses](#) – Use this link to sign up and get more information.

**High-Performance Building Design: Applications and Future Trends**

Mon, September 8, 2014 – 1:00 pm to 4:00 pm EDT

**Air-to-Air Energy Recovery Applications: Best Practices**

Wed, September 10, 2014 – 1:00 pm to 4:00 pm EDT

**Evaluation Methods for High-Performance Green Buildings**

Mon, September 22, 2014 – 1:00 pm to 4:00 pm EDT

**Fundamental Requirements of Standard 62.1-2013**

Wed, September 24, 2014 – 1:00 pm to 4:00 pm EDT

**NEW! Building Demand Response & the Coming Smart Grid**

Mon, September 29, 2014 – 1:00 pm to 4:00 pm EDT

**District Cooling & Heating Systems: Central Plants**

Mon, October 6, 2014 – 1:00 pm to 4:00 pm EDT

**Maximizing Customer Benefits Using Key Electric Utility Products**

Mon, October 13, 2014 – 1:00 pm to 4:00 pm EDT

**Combined Heat & Power: Creating Efficiency through Design & Operations**

Mon, October 20, 2014 – 1:00 pm to 4:00 pm EDT

**Design of Commercial Ground Source Heat Pumps**

Wed, October 22, 2014 – 1:00 pm to 4:00 pm EDT

**Energy Efficiency in Data Centers**

Mon, November 3, 2014 – 1:00 pm to 4:00 pm EST

**Commissioning for High-Performance Buildings**

Wed, November 5, 2014 – 1:00 pm to 4:00 pm EST

**Exceeding Standard 90.1-2013 to Meet LEED® Requirements**

Wed, November 12, 2014 – 1:00 pm to 4:00 pm EST



## Upcoming Events cont...

The following courses are comprised of two parts. Registrants must attend both parts in order to receive CEU/PDH credits.

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### Complying with Standard 90.1-2013

Part 1 - Mon, September 15, 2014 – 1:00 pm to 4:00 pm EDT

Part 2 - Wed, September 17, 2014 – 1:00 pm to 4:00 pm EDT

### Healthcare Facilities: Best Practices for Design & Applications

Part 1 - Wed, October 8, 2014 – 1:00 pm to 4:00 pm EDT

Part 2 - Wed, October 15, 2014 – 1:00 pm to 4:00 pm EDT

## BEMP Practice Exam Now Available

ASHRAE has launched a practice exam for the Building Energy Modeling Professional (BEMP) certification. The practice exam is designed to be similar in content and difficulty to the actual certification exam. It is a low-cost, online tool for limited self-assessment with a score report overview of performance at the end of the exam. Practice exams are already in place for the BEAP, CPMP and HFDP certifications. Practice exams for the HBDP and OPMP certifications are under development and should be launched later this year.

Visit [www.ashrae.org/BEMP](http://www.ashrae.org/BEMP) to learn more about the BEMP practice exam.

Visit [www.ashrae.org/certification](http://www.ashrae.org/certification) to learn more about ASHRAE certifications

## [YEA Leadership International—September 26-28, 2014](#)

Kuala Lumpur, Malaysia



## Upcoming Events cont...

### [Clean Air Through Energy Efficiency \(CATEE\) Conference – November 18-20, 2014](#)

#### Dallas, Texas

The CATEE Conference is being held at the Sheraton Dallas Hotel by the Galleria, 4801 LBJ Freeway, Dallas, TX 75244. The early registration deadline is September 30. The conference is co-hosted by the Texas A&M Energy Systems Laboratory (ESL) and the Texas A&M Engineering Experimentation Station (TEES).

### [NTAEE 2014 Energy Conference – Thursday, Oct 16, 2014 9am-3PM](#)

UNT's Coliseum: 600 Ave. D, Denton, TX 76207

Click on the link above for more information and to sign up and pay on Eventbrite.

### [ASHRAE Winter Conference—January 24-28, 2015](#)

#### McCormick Place—Chicago, IL

ATLANTA – ASHRAE has announced a call for programs for its 2015 Winter Conference in Chicago, Ill., January 24-28, 2015.

With the conference being held in the big city of Chicago, the technical program itself is going big with a focus on big projects, the big picture and big impacts,” said Doug Cochrane, conference chair.

The conference seeks programs for the tracks, which address trends in the industry, are relevant to the design community in the area and introduce a unique topic and include core tracks on Systems and Equipment and Fundamentals and Applications.

New tracks for the conference include Industrial Facilities; Large Buildings: Mission Critical Facilities and Applications; Life Safety; Design of Energy and Water Efficient Systems; and Hospital Design and Codes.

#### **Seminar, Forum, and Workshop proposals are due August 11th, 2014.**

Final Conference Papers are due on July 7 and will then go through a single-blind review. Technical Papers are currently undergoing review and final papers are due August 18, 2014.



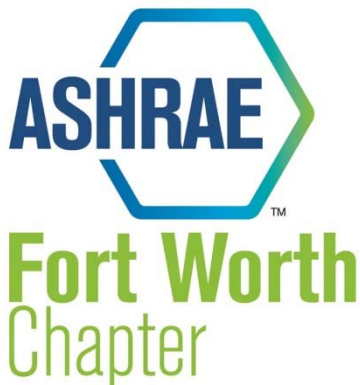
## 2014-2015—Chapter Officers / Committee Chairs

### OFFICERS

President	Jay Sullivan	817-805-0020	jay.sullivan@mail.ashrae.org
President-Elect	Clif Upham	682-253-9122	cupham@bartosindustries.com
Secretary	Nick Schroeder	817-272-9075	nschroeder@uta.edu
Treasurer	Patty Parrish	817-791-3227	patty.parrish@us.belimo.com
Governor	David Muzzy	817-257-4928	d.muzzy@tcu.edu
Governor	Dan Merkel	414-807-0204	daniel.merkel@mail.ashrae.org
Governor	Rick O'Connor	469-207-4744	roconnor@climatec.com

### COMMITTEE CHAIRS

Audit	Phil Farco	817-267-8651	phil_farco@mason-dallas.com
Chapter Technology Transfer	Matt Carter	817-209-8168	mattc@mjec.com
Historian	Joe Baierski	214-300-9257	joe.baierski@texasairsystems.com
Honors and Awards	Larry Akers	817-336-0543	lakers@faiengineers.com
Newsletter	Clif Upham	682-253-9122	cupham@bartosindustries.com
Membership	Keith Woodlee	817-416-2881	keithw@encoremechanical.com
Refrigeration	Dennis Bohn	682-429-3647	dbohn@haroldjames.com
Research Promotion	Tony Finch	817-656-6076	tonyfinch@mail.ashrae.org
CRC	Patty Parrish	817-791-3227	patty.parrish@us.belimo.com
Student Activities	Adam Henning	713-449-0033	ahenning@bhbinc.com
Golf	David Muzzy	817-257-4928	d.muzzy@tcu.edu
Special Events	Sean Rath	817-338-1277	srath@bhbinc.com
Webmaster	Connie Staudt	972-243-6884	connie@ct-supply.com
YEA	Omar Rosales		omar.rosales@jacobs.com
TEGA/Grassroots	Richard Long	817-907-4158	rll@summitmep.com
PR/Outreach	Mark Harris	817-626-0033	mharris@brandteng.com
Sustainability	Scott West	817-897-1882	scott.west@jacobs.com





# August 2014—Meeting Minutes-Board of Governors

Call to Order – Sign-in – 10:40 AM

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

	<u>Par</u>	<u>Last Year</u>	<u>YTD</u>	<u>Goal</u>
o Membership Promotion:	800	700	325	1200
o Student Activities:	500	1025	75	1500
o Research Promotion:	1050	1005	0	2700
o Historical Reporting:	300	150	0	500
o Chapter Operations:	1000	1640	675	1500
o Chapter Technology Transfer:	1050	1005	300	1750
o Government / Grassroots	650	1350	175	850
TOTALS	5350	6370	1550	10,000

## Officer Reports

### President-Elect (Upham)

- o MBO – Signed
- o PAOE
- o Eventbrite out 2 weeks early
- o Newsletter - 1 week before meeting

### Treasurer (Parrish)

- o MBO – Signed
- o PAOE
- o Audit Completed on 8/11/14
- o Have Treasury Report ready for The Therm

### Secretary (TBD)

- o Need a volunteer for the chair position or a year-long fill in.
- o Talk to Nomination Committee to get a list

### BOG At-Large (O'Connor, Muzzy, Merkel)

## Committee Chair Reports

### CTTC (Carter)

- o September meeting – UTA – 3<sup>rd</sup> Wednesday
- o Rick Eiland of UTA Presenting on High Efficiency Data Centers
- o October meeting – Petroleum Club
- o November Meeting – F&R tour/happy hour – 4:00 pm

### Historian (Parrish)

- o MBO
- o PAOE
- o Need someone to take pictures

### Honors & Awards (Akers)

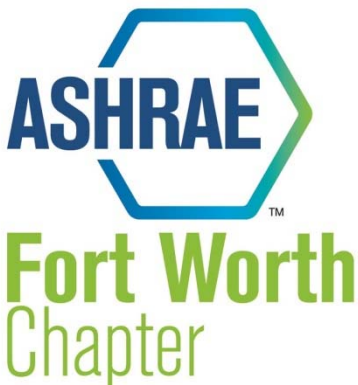
- o MBO
- o PAOE
- o Honors and awards presentation will be sent to Larry

### Membership Promotion (Woodlee)

- o MBO
- o PAOE

### Refrigeration (Bohn)

- o MBO
- o PAOE
- o Tie-in with F&R tour





# August 2014—Meeting Minutes-Board of Governors

## **Research Promotion (Finch)**

- Committee Members? – Need a list within a few weeks
- Plan of attack? Student Scholarships?

## **Special Events (Rath)**

- Fall Golf Tournament – Monday, Oct 6<sup>th</sup> – Waterchase – send out invite next week

## **Student Activities (Henning/Rosales)**

- Status for faculty advisor for TCU
- UTA hosting meeting in September
- Senior Undergrad Grant \$ from ASHRAE

## **Webmaster (Staudt)**

- Status? New website up and running next week. E-mail Connie Login and Password information for Facebook, LinkedIn and Twitter

## **YEA (Henning/Rosales)**

- YEA Happy Hour at Reservoir Bar at 5:30 tonight
- Encourage committee involvement from YEA members

## **Government (Long)**

- Speaking at the meeting
- Meeting with Fort Worth Chamber Environmental Committee and will talk about BBC Program Partners and Volunteers for Energy Project
- 2014 ASHRAE/IBPSA-USA Building Simulation Conference – September 10-12, 2014 Atlanta, GA USA

## **CRC (Parrish)**

- Assistance needed?
- Volunteers from the chapter to help with

## Old Business

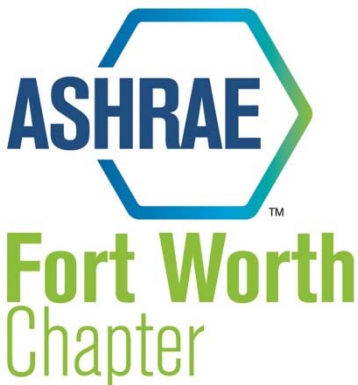
- Nothing to report

## New Business

- Switch the secretary and treasurer positions for 2015-2016, will talk about at next meeting
- Find a secretary
- Golf Tournament expense and cost

## Closing

Closing – 11:40



# August 21, 2014—Meeting Minutes-General Business

## Call to Order – Self introductions 11:45 AM

### Old Business

- Approve the meeting minutes from the May Meeting, sent out in the August Therm

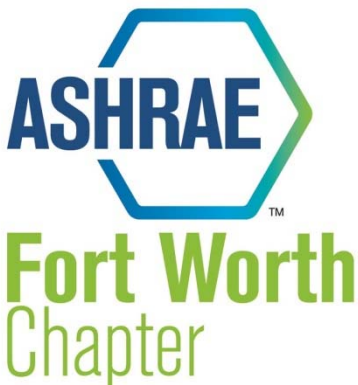
### New Business

- We need a new secretary – Volunteers?
  - Make a motion to switch the order of the chairs. Secretary will be first, followed by treasurer, President-Elect, President, RP Chair.
    - Will vote on it next meeting.
  - Fort Worth is hosting CRC
    - Good opportunity to get involved and network with engineers and peers around our region
  - CRC Volunteers are needed for check-in, airport pick-up, etc.
- **2014 Fall Golf Tournament**
    - WATERCHASE GOLF CLUB, MONDAY, OCTOBER 6TH, 2014
    - Fliers are on the table in the back, and e-mail invitations will be sent
  - September meeting will be held at UTA – Student is presenting on advancement in data center design
  - October meeting will be back at Petroleum Club
  - November meeting will be a refrigeration tour followed by YEA Happy Hour
  - YEA Happy hour @ 5:30 at Reservoir Bar

### Program

- Introduce our speaker: David Muzzy introduced the speaker.
- Reminders

## Closing – 12:40 PM



## Treasurer's Report – Patty Parrish

STARTING BALANCE DATE 8/01/2014

NEW BALANCE DATE 8/31/2014

**Treasurer's Report** *Patty Parrish*

Financial Data:

Starting Balance (7/1/2014): **\$ 8,387.33**

Deposits:

8/01/2014 - Check #5399 to Victor Goldschmidt has not cleared as stated last month \$ 1,389.24

8/08/2014 – Branch Deposit \$ 2,025.00

8/12/2014 – Eventbrite 081114 6709665791 \$ 2,800.00

8/19/2014 – Eventbrite 081614 12583229779 \$ 1,100.00

8/22/2014 – Square Inc 140822 L1169273232 \$ 388.96

8/27/2014 – Eventbrite 082614 12579388289 \$ 275.00

**Subtotal:** **\$ 16,365.53**

Payments:

8/08/2014 – Online Deposit Details \$ 3.00

8/26/2014 – Harland Clark Check Reorder \$ 145.43

8/28/2014 – Check 5401 to Waterchase Golf Club for CRC July Tournament \$ 1,967.39

**Subtotal:** **\$ 2115.82**

**New Balance as of 7/31/14:** **\$ 14,249.71**

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Fort Worth Chapter of ASHRAE

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