



# The Texas Norther

Monthly Newsletter of the Dallas Chapter, Region VIII  
www.dallas-ashrae.org

Volume 60, No. 6

March 2011

## Chapter Meeting

**February 9, 2011**

11:00 a.m. Registration  
11:30 a.m. - 1:00 p.m. Luncheon  
Meeting

**Where:**

Royal Oaks Country Club  
7915 Greenville Ave  
Dallas, TX 75231

**Lunch Session Topic:**

Optimizing Building Performance with Creative Designs

**Presenter:**

Alan Ash

**Reservations:**

By Phone - 972/780-6019  
On the web - <http://www.dallas-ashrae.org/reservations1.php>



## Message From the President

Let's get to the point. March is a critical month for our chapter. In the next 45 days, our chapter will:

- Elect the 2011-2012 Board of Governors on March 9th.
- Co-host the 2011 ASHRAE – ASPE DFW Clay Shoot on March 11th.
- Host Society level ASHRAE Energy Modeling Seminar on April 14<sup>th</sup> in conjunction with CRC.
- Host the 2011 Region VIII Spring Chapter Regional Conference (CRC) on April 14th thru 16th.

Hosting the Region VIII CRC is our duty and privilege but it also represents a substantial undertaking. Fortunately, Jeanine Bounds and the CRC committee have done a fantastic job of preparing for this event but there is still much work to be done! We are asking for a few hours of your time to volunteer. There are many opportunities to serve:

- The welcome party at Delany Vineyards
- Energy Modeling Seminar
- Hospitality Suites
- Registration
- President's Luncheon
- Awards Banquet
- Companion Activities
- Business Meetings
- Technical Seminars

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Letters to the Editor should be sent via e-mail to [aprile@ccrd.com](mailto:aprile@ccrd.com)

ASHRAE National Customer Service:  
800/5ASHRAE



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Our Clay Shoot is Friday, the 11th at Elm Fork Shooting Sports. Our portion of the proceeds benefit ASHRAE Research so get together a team and come out to blow away clay pigeons for a good cause. Please see our website or contact Charles Crawford for more information.

Last month, we hoped to conduct a survey but our meeting attendance was sabotaged by Mother Nature so we're going to conduct the survey this month. The purpose of the survey is to collect your thoughts and suggestions on chapter operations from meeting registration, meeting topics, Newsletter content and website format. If you couldn't attend the meeting but would like to complete a survey, we have posted it to the website for downloading.

At this month's meeting, we were treated to a presentation by Dallas Chapter's own Alan Ash. Alan has forgotten more about central plant systems than most of us will ever know. He presented "outside the box" approaches to optimizing HVAC systems. During the business meeting, we elected officers, conducted the aforementioned survey, and started signing up CRC Volunteers. I couldn't imagine a better way to spend a Wednesday lunch hour!

Respectfully,

Benjamin Bain, P.E.  
Dallas Chapter of ASHRAE  
President 2010-11



Date	Meeting Topic/Seminar/Location	Speaker
September 15, 2010	"Myth in HVAC&R-Anthropogenic Global Warming?"	Victor Goldschmidt
	Problem Solving and Creativity	
	Royal Oaks Country Club	
October 13, 2010	Chilled Beam for Every Application	John Schilling
	Desiccant Wheel Technology & Applications	
	Royal Oaks Country Club	
November 11, 2010	UVC For HVAC	Dr. Bob Scheir, Ph.D.
	N/A	
	Royal Oaks Country Club	
December 8, 2010	Packaged Chiller Plants	John Santi
	Domestic Water Booster Systems	
	Royal Oaks Country Club	
January 12, 2011	Ethics	David Howell, P.E.
	Royal Oaks Country Club	
February 9, 2011	Chemical Free Water Treatment Plant	Nelson Struck
March 9, 2011	Optimize Building Performance with Creative Designs	Alan Ash
	Royal Oaks Country Club	
April 13, 2011	Facility Performance	Gerald J. Kettler
	Royal Oaks Country Club	
April 14, 2011	Region VIII CRC	
April 15, 2011	Region VIII CRC	
April 16, 2011	Region VIII CRC	
May 11, 2011	TBD	TBD



## DALLAS HOSTS THE ASHRAE REGION 8 CONFERENCE

\* EARLY REGISTRATION THROUGH SUNDAY MARCH 13<sup>TH</sup> \*

If you've been hiding under a rock as of late, you may not know that the Dallas Chapter is hosting the 2011 CRC; a.k.a. Chapters' Regional Conference. The locale is the DFW Hyatt Regency for the meetings, seminars, luncheons and such while the extra curricular activities will take place in surrounding Grapevine.

### **Welcome Party:**

The BIG party is Thursday night from 5:30 till 10pm at Delaney Vineyards. No grape stomping here; all of the wine comes prebottled and corked so it doesn't smell like feet when served. We'll also have food and a band so come hungry and don't plan to sing karaoke – no matter what people tell you, it's not pretty. Tickets will be \$30 to get in and include two drink coupons redeemable for beer or wine. The water is free and it does smell like feet; ergo the free part. Tickets can be prepurchased at the ASHRAE Monthly Chapter Luncheons. There is a limited amount of tickets available.

### **Social Activities:**

We will also have a bit of Golf, Thursday morning, some group dinning on Friday eve, and tours and activities for companions on Friday and Saturday. Your dog or other endearing pet is not a companion by the way.

### **Energy Modeling Seminar:**

Are you feeling a little light in the knowledge department? We'll CRC is here to help you out. Thursday, we will host a Society level all-day seminar on Energy Modeling. Registration for this is separate from the conference registration, but can be found on the Dallas ASHRAE Website. The Chair for this is Chris Carr, and he can be reached via e-mail at [ccarr@BRANDTENG.com](mailto:ccarr@BRANDTENG.com).

### **Technical Session (PDH's):**

For even more intellectual excitement, there will be a Technical Session on Friday afternoon from 2 till 5pm. Have you heard about BEQ? It's an ASHRAE developed labeling program that finished the pilot program phase a little over a year ago and it's now picking up speed. **THIS IS A HOT TOPIC!** We are honored to have the 2011-2012 ASHRAE President, Ron Jarnagin, present on this topic.

"But wait, there's more." We will also have a highly sought after speaker from the Utilities sector share his experience and knowledge on Wind Power.

For more information on the Technical Session, please contact our Chair, Adrienne Stoinoff at [astoinoff@baltimoreaircoil.com](mailto:astoinoff@baltimoreaircoil.com).

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**YEA:**

This year we are giving the younger folks a break. If you are a member of ASHRAE and are 35 or under, you are automatically a member of YEA, Young Engineers of ASHRAE. Being a member has privileges and that privilege is a reduced full conference registration rate of **\$215.00** if you register by March 13<sup>th</sup> and **\$240** if you register after. **That's a \$35 reduction over the regular registration fee.**

If you have questions regarding the conference, please contact the Conference Chair, Jeanine Bounds, at [regionviiiirc@hotmail.com](mailto:regionviiiirc@hotmail.com).

The Conference registration is \$250 through March 13<sup>th</sup> and \$275 after. Not all functions are included in the registration fee, but attendance can be acquired for a low, low price. More information is on the Dallas Chapter website; [www.Dallas-ASHRAE.org](http://www.Dallas-ASHRAE.org)



**ASHRAE, Region VIII**

**CRC 2011**

**DFW Hyatt Regency & Grapevine Texas**

**April 14<sup>th</sup> – 16<sup>th</sup>, Thursday-Saturday**

**Hosted by the Dallas Chapter**





## Student's Corner

**By: Josh Yeary, Dallas Chapter Student Activities**



The Month of March the Dallas Chapter will have the honor of handing out two scholarships to two very deserving candidates. The recipient of the Dallas Chapter of ASHRAE Scholarship is Matt Reynolds, an Engineering major at UNT, who has been very involved in the UNT Student Chapter of ASHRAE; and The recipient of the PN Vinther Scholarship for this year is a young man named George Snitz, who is president of the UNT Student Chapter who hopes to use part of his awards to pursue obtaining LEED Accreditation. We will presenting both of these young men with their awards at the March Chapter Meeting, and both will be graduating this May so that will be an excellent opportunity to get to know some excellent job candidates.

This past week has also been National Engineers week, the Dallas Chapter of ASHRAE has promoted this week by judging the Future City Competition, where over seventy teams from many local North Texas Schools competed for a trip to Washington DC for the National Competition.

In the coming months we will be scheduling some presentations and local high schools and middle schools, please contact me at [jly@goetting.com](mailto:jly@goetting.com), if you are interested in giving any presentations to promote ASHRAE and show students some of the many exciting parts of pursuing a career in Engineering.





## Honors and Awards

**By: David Arbaiza, Honors and Awards Chair**

I have worked as Honors and Awards Committee Chair for a little over a year now and the biggest challenge I have come across is that our members normally do not keep their Bios (biographical information on the Society website). When a member learns he (or she) is being considered for an award one of the first things they need to do is update their Bio. They struggle to remember all of the details of dates of committees and other activities they participated in as the years go by.

All activities with the local chapter as well as regional or national activities should be included in your bio. Another consideration is that an updated bio will provide a good reference tool for you as you update your resume. These activities are highly regarded by employers.


After a few years the details and dates get really foggy. I strongly urge all Dallas chapter members to annually go into the ASHRAE website and update your bio. It is easy to do this each year when renewing your membership.

Follow the instruction below for updating your bio.

Password

Submit

Need a login?  
Can't login?

 **Member Central**

- › Join ASHRAE
- › Renew Membership
- › Read ASHRAE Journal
- › Change Your Address
- › Get Involved
- › Manage Membership
- › Update Your Bio
- › Research Reports

Log into the ASHRAE website and click this link. Once there you will find numerous links to each part of your Bio. Be sure to update the "Participation" section each year.



## **Region VIII Dallas Chapter Meeting Minutes (Feb 9, 2011 – Time called to order 1:30 pm)**

**BOG Meeting Attendees:** Ben Bain/President, Bo Twumasi /Treasure, Brandon Damas /Membership Promotion, Matt Short/Tech Energy & Gov't Activities, Josh Yeary/Student Activity, Charles Crawford/ Webmaster

1. 2009-2010 Budget reconciliation and audit approval.
  - a. Peter to write letter of approval for audit.
2. Re-administer survey next month.
3. 2011-2012 Board of Governors ballot for next month's meeting
  - a. Send out ballot prior to event
4. Reviewed chapter scholarship recommendations
  - a. PN Vinther - George Snitz
  - b. ASHRAE - Matt Reynolds
  - c. Brandon moved to pass recommendation for scholarship, Preston second the motion. It passed unanimously.
  - d. Scholarship participants to attend next meeting
5. Upcoming calendar events
  - a. Dallas Chapter spring golf tournament
  - b. Spring membership drive in April
  - c. Spring seminar for April
6. Promote YEA events next month, to be sponsored by companies

Meeting adjourned at 2:30pm.





## Dallas Chapter - ASHRAE

### Income/Expense Statement

2010-2011 Annual Budget	Budget for '10-'11	Actual YTD	Percentage of Budget
<b>Income</b>			
(1) - Chapter dues	\$ 13,000.00	\$ 5,550.00	43%
(2a) - Money Market interest	\$ 100.00	\$ 13.63	14%
(2b) - Regular Share Interest	\$ 1.00	\$ 0.27	27%
(3) - Meeting - meals, bar	\$ 19,500.00	\$ 7,064.00	36%
(4) - Roster sponsors	\$ 1,500.00	\$ -	
(5) - Golf tournament	\$ 28,000.00	\$ -	
(6) - RP Events	\$ 500.00	\$ -	
PN Vinther	\$ 1,700.00	\$ 1,700.00	100%
Miscellaneous	\$ 100.00	\$ 140.32	140%
<b>Total Income</b>	<b>\$ 64,401.00</b>	<b>\$ 14,468.22</b>	<b>22%</b>
<b>Expense</b>			
(7) - CRC representation	\$ 500.00	\$ -	
(8) - Student Activities	\$ 500.00	\$ 120.00	24%
(9a) - Meetings-meals,bar,room	\$ 18,000.00	\$ 7,412.61	41%
(9b) - Meetings - audio/visual	\$ 2,700.00	\$ -	
(10) - Research Promotion - Matching Fund	\$ 6,000.00	\$ -	
(11) - RP Events - Webcast	\$ 300.00	\$ -	
(12a) - Seminar - Fall	\$ 500.00	\$ -	
(13b) - Seminar - Spring	\$ 500.00	\$ -	
(14) - Website Charges	\$ 500.00	\$ 439.09	88%
(15) - Miscellaneous	\$ 1,000.00	\$ 455.30	46%
(16) - Golf tournament	\$ 20,000.00	\$ 1,155.95	6%
(17) - CRC Host Fund	\$ 5,000.00	\$ -	
(18) - P.N Vinther Scholarship Fund	\$ 1,700.00	\$ -	
(19) - Printing - Roster	\$ 650.00	\$ -	
(20) - Regional Dues/Award	\$ 1,800.00	\$ -	
(21) - CPA Fees	\$ 125.00	\$ -	
(22) - USPS P.O. Box	\$ 204.00	\$ -	
(23) - Membership promotion	\$ 50.00	\$ -	
(24) - Bank service charges/check printing	\$ 50.00	\$ -	
(25) - Awards	\$ 400.00	\$ -	
(26) - Scholarships	\$ 500.00	\$ -	
<b>Total Expense</b>	<b>\$ 60,979.00</b>	<b>\$ 9,582.95</b>	<b>16%</b>



## 2010-2011 Dallas Chapter Officers and Board of Governors

The Officers, Board of Governors and Committee Chairs may be contacted via the following phone numbers or at the Chapter address; P.O. Box 802426, Dallas, 75380-2426

		Phone	Email
President	Ben P. Bain	972.570.4700	benb@texasairsystems.com
President-Elect/Programs	W. Preston Dickson	214.349.2320	pdickson@timberlakedickson.com
Research Promotion	Peter J. Sudbeck	972.570.4700	peters@texasairsystems.com
Secretary	Shelly Z. Zhao	817.912.0800	shelleyz@mjec.com
Treasurer	Bo A. Twumasi	972.395.6189	btwumasi@brandteng.com
Immediate Past President	Peter J. Sudbeck	972.570.4700	peters@texasairsystems.com
Governor Membership Program	Brandon Damas	214.521.1661	brandond@ccrd.com
Governor TEGA	Matt Short	469.222.8489	matt.short@acts29consulting.com
Student Activities	Joshua Yeary	214.485.6429	jly@goetting.com

## 2010-2011 Dallas Chapter Committee Chairs

Historian	Jake Buckner	972.570.4700	jakeb@texasairsystems.com
Webmaster	Charles Crawford	214.676.4134	ccrawford@victaulic.com
CRC Chair	Jeanine Bounds	214.874.0200	jbounds@schmidt-stacy.com
Newsletter Editor	April C. Eisenhauer	214.521.1661	aprile@ccrd.com
Photographer	Paul LeMaire	972.625.8688	pclenaire@peoplepc.com
Honors & Awards	David Arbaiza	214.208.7131	david_arbaiza@mail.ashrae.org
Publicity	Leo Stambaugh	214.369.3500	leostambaugh@cs.com
Refrigeration	Brian Guffy	214.424.7500	--

Date: Wednesday, March 9, 2010

Time: 11:00 am Registration  
11:30-1:00 pm Luncheon Meeting

**Location:**

Royal Oaks Country Club  
7915 Greenville Ave.  
Dallas, Texas 75231

Reservation Line: (972) 780-6019

Or online: [www.dallas-ashrae.org](http://www.dallas-ashrae.org)

# MARCH CHAPTER LUNCHEON

## ASHRAE DALLAS-CHAPTER

### Luncheon Presentation

#### **Optimizing Building Performance with Creative Designs**

This month's presentation will discuss HVAC system ideas that can save both first cost and operating cost in new and existing buildings. They offer an "outside the box" approach that deviates from traditional "Rule of Thumb" concepts and can optimize building performance.

#### **Presenter:**

**Alan Ash** Alan has been involved in HVAC technical sales in the Dallas / Ft Worth area for 40 years and is currently Systems Application Leader for Trane in Texas and Oklahoma. He holds a BS Engineering Science degree from LSU and was a US Air Force-Aircraft Maintenance Officer before joining Trane in 1971. He is certified in Building Automation System software including Trace Energy Analysis and is also a LEED Accredited Professional.

Alan is an active member of ASHRAE, US Green Building Council, ABC, and NTAEE. He is also the current chairman of the Dallas Regional Chamber's Sustainability Technologies Committee.

Alan is a published author with papers and articles detailing high efficiency systems, such as "Low Temperature Air Distribution with Ice Storage System: A Case Study".

**Lunch Program with reservations - \$25.00**

**Lunch Program without reservations- \$30.00**

**Lunch Program only (no meal) - \$10.00**

**Student Member Lunch Program - \$10.00**

**Non-Student Member Lunch Program - \$25.00 (includes free student membership)**

**1 PDH Credit will be available for Luncheon Presentation.**

### GENERAL SCHEDULE

#### Wednesday, April 13, 2011

4:00 PM - 7:00 PM Registration

#### Thursday, April 14, 2011

7:00 AM - 7:30 PM Registration  
Sign up for Friday Dining Out

7:00 AM - 5:00 PM Attendee Hospitality Lounge

7:00 AM - 5:00 PM Companion Hospitality Lounge

9:00 AM - 4:00 PM Energy Modeling Seminar - This is a society  
This is a Society level seminar  
occurring during CRC though is not  
a part of CRC.

5:30 PM - 10:00 PM Welcome Party  
Shuttle service from the hotel  
on the hour starting at 5pm

#### Friday, April 15, 2011

6:30 AM - 11:30 AM Caucus Breakfast / General Meeting

6:15 AM - 5:00 PM Registration  
Sign up for Dinning Out

7:00 AM - 5:45 PM Attendee Hospitality Lounge  
Continental Breakfast served till 9 AM

7:00 AM - 11:30 AM Companion Hospitality Lounge  
Continental Breakfast served till 9 AM

11:30 AM - 4:00 PM Companion Tour

12:00 PM - 1:45 PM President's Luncheon

2:00 PM - 5:00 PM Technical Session

4:00 PM - 5:30 PM Companion Hospitality Lounge

6:00 PM - 9:00 PM Dinning Out  
Shuttles leave at 6:00 PM

#### Saturday, April 16, 2011

7:30 AM - 12:00 PM Registration

7:30 AM - 12:00 PM Attendee Hospitality Lounge  
Continental Breakfast served till 9 AM

7:30 AM - 11:30 AM Companion Hospitality Lounge  
Continental Breakfast served till 9 AM

8:00 AM - 11:45 AM Workshops

### ASHRAE SOCIETY OFFICERS and STAFF

Ron Jarnagin	President Elect
Kenneth Fulk	Region VIII DRC
Art Giesler	ARC
Mark Owen	Group Manager of Handbook and Special Publications

### DALLAS CHAPTER OFFICERS

Ben Bain	President
Preston Dickson	President Elect, Delegate
Shelley Zhao	Secretary, Alternate Delegate
Bo Twumasi	Treasurer
Peter Sudbeck	Research Promotion/Past President
Charles Crawford	Webmaster
Brandon Damas	BOG Member
April Eisenhauer	BOG Member
Josh Yeary	BOG Member
Matt Short	BOG Member
David Arbaiza	BOG Member
Joel McDonald	BOG Member
Jake Buckner	BOG Member

### CRC COMMITTEE CHAIRS

Jeanine Bounds	Chairman
Colin White	Welcome Party
Adrienne Stoinoff	Technical Programs
Nelson Beaver	A/V
Chris Carr	Energy Modeling Seminar
Rick Lobb	Luncheons
Bo Twumasi	YEA
Bob Timberlake	Golf
Brandon Damas	Communications
David Arbaiza	Friday Night Dinning Out

### SPECIAL THANKS TO:

Gildardo Yanez	Regional Webmaster
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YEA MEMBERS: CHECK OUT THE YEA HOSPITALITY SUITE!

## 51st ANNUAL

### ASHRAE REGION VIII CHAPTERS REGIONAL CONFERENCE

AMERICAN SOCIETY  
OF  
HEATING, REFRIGERATION  
AND  
AIR-CONDITIONING  
ENGINEERS, INC.



**APRIL 14-16, 2011**

HOSTED BY THE  
DALLAS CHAPTER  
[WWW.DALLAS-ASHRAE.ORG](http://WWW.DALLAS-ASHRAE.ORG)

[regionviiiirc@hotmail.com](mailto:regionviiiirc@hotmail.com)

<u>Link for online registration is at: Dallas-ASHRAE.org</u>	<b>Early- Registration by March 13, 2011</b>	<b>Registration after March 13, 2011</b>
<b>PACKAGE REGISTRATION FEE:</b>		
<b>Total Conference Attendee Package</b> Includes: Welcome Party tickets (2 drink tickets), President's Luncheon, Technical Session, Awards Luncheon, Access to Private Hospitality, Access to Conference Attendee Lounge	<b><u>\$250.00</u></b>	<b><u>\$275.00</u></b>
<b>YEA Member Conference Attendee Package</b> Includes: Welcome Party tickets (2 drink tickets), President's Luncheon, Technical Session, Awards Luncheon, Access to Private Hospitality and YEA Lounge, Access to Conference Attendee Lounge	<b><u>\$215.00</u></b>	<b><u>\$240.00</u></b>
<b>Total Companion Package</b> Includes: Welcome Party tickets (2 drink tickets), Companion Tour on Friday or Presidents Luncheon Friday, Awards Banquet Saturday or Companion Activities Saturday, Access to Companion Lounge	<b><u>\$225.00</u></b>	<b><u>\$250.00</u></b>
<b>Basic Companion Package</b> Includes: Welcome Party tickets (2 drink tickets), Companion Tour on Friday or Companion Activities Saturday	<b><u>\$115.00</u></b>	<b><u>\$140.00</u></b>
<b>BREAKOUT REGISTRATION FEE:</b>		
<b>Thursday, April 14<sup>th</sup></b>		
<b>Conference Attendees and Companions:</b>		
1a) 18 holes of Golf at Bear Creek Golf Course	\$ 100.00	\$ 110.00
1b) Welcome Party (includes 2 drink ticket) – limited quantity	\$ 30.00	\$ 30.00
1c) Welcome Party Drink (Beer/Wine) Tickets-each (also available at venue for \$4)	\$ 4.00	\$ 4.00
<b>Friday, April 15<sup>th</sup></b>		
<b>Conference Attendees:</b>		
2a) All Day Conference Registration – includes access to Hospitality or YEA Lounge, Conference Attendee Lounge, Presidents' Luncheon, and Conference facilities	\$ 170.00	\$ 180.00
2b) Presidents Luncheon ONLY	\$ 50.00	\$ 60.00
2c) Technical Session ONLY	\$ 115.00	\$ 125.00
<b>Companions:</b>		
2b) Presidents Luncheon ONLY (occurs same time as Companion Tour)	\$ 50.00	\$ 60.00
<b>OR</b>		
2d) Companion Tour ONLY – includes lunch	\$65.00	\$ 75.00
<b>Saturday – April 16<sup>th</sup></b>		
<b>Conference Attendees:</b>		
3a) All Day Conference Registration – includes access to Conference Attendee Lounge, Awards Luncheon, and Workshops	\$ 85.00	\$ 95.00
<b>Companions:</b>		
3b) Companion Tour	\$50.00	\$ 60.00



# Building Energy Modeling Workshop (HVAC and Thermal Emphasis)

co-sponsored with IBPSA-USA

## WORKSHOP SUMMARY

Co-sponsored by ASHRAE and the U.S. affiliate of the International Building Performance Simulation Association (IBPSA-USA), and developed with contributions from the Rocky Mountain Institute (RMI), this workshop focuses on topics critical to delivering high-quality building energy modeling services. The workshop provides a detailed review of *ANSI/ASHRAE/IES Standard 90.1-2007 PRM* and outlines key modeling methods. Pre- and post-processing tools that support modeling best practices are introduced. Case studies are presented from projects at different design stages and post occupancy.

### Date

Thursday, April 14, 2011

### Location

Hyatt Regency DFW  
DFW Airport  
Carter Room

### Time

9:00 a.m. – 4:00 p.m.

### Course Fees

\$395 (Member)

\$485 (Non-Member)

Training materials are included.

### For more information about

IBPSA-USA, visit [www.ibpsa.us](http://www.ibpsa.us)

**This workshop will be conducted in tandem with the Region VIII CRC.**

**Registering for this Workshop does not include registration CRC and vice versa.**

**HOTEL Registration for the Workshop and CRC are combined into the same Hyatt link and are accessible using this link:**

<http://region8.ashraeregions.org/crc.htm>

## PARTICIPANTS WILL RECEIVE

- A life-cycle cost assessment tool
- A batch pre-/post-processing/QC tool for eQUEST/DOE 2.2 analysis
- Access to the on-line primer, Building Energy Modeling Body of Knowledge (BEMbook)

**THE  
INSTRUCTORS**

**TBD**



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1791 Tullie Circle, NE • Atlanta, Georgia • 30329 [www.ashrae.org](http://www.ashrae.org) • [Privacy Policy](#).



## ASHRAE Region VIII Party Invitation



Admission included in conference  
package registration

\$30 in advance

\$35 at the door

Includes 2 drink coupons

Additional drink coupons \$4 ea

Gourmet Food and Appetizers with  
Beer and Wine

E-mail: [regionviiiircrc@hotmail.com](mailto:regionviiiircrc@hotmail.com)

Location: Delaney Vineyards

Shuttles will run every 30 minutes starting  
at 5 pm and stopping at 10pm. To and from  
the DFW Hyatt Regency Hotel and Delaney  
Vineyard.

# CRC 2011

## The Welcome Party

At Delaney Vineyards  
in Grapevine, Texas  
Thursday, April 14th

6-10pm

Live cover band to get the party started!

### Useful Links:

Vineyard



Facebook



Region VIII ASHRAE





# COMPANION ACTIVITIES

Thursday, Friday and Saturday



The Adventurer: If you've purchased the "Basic Companion Package", you will receive a ticket to the Welcome Party (with 2 drink tickets) and a choice of Friday or Saturday tours. This will allow you to spend the rest of your time exploring Grapevine. There is a Grapevine Shuttle that will take you just about anywhere worth going in Grapevine. Shuttle passes can be purchased at the hotel front desk for \$5/day and shuttle schedules will be available at the Conference Registration table.

We understand that not all of us travel with the same purpose in mind. While some enjoy leaving the planning up to those who are born organizers, many of us like to venture out and make discoveries on our own. If you enjoy "sitting back and letting the action come to you," we have packaged activities just for you. Are you a card carrying member of the Adventurer Club? There are many opportunities in the surrounding area that await your discovery.

**The TOTAL COMPANION PACKAGE**  
includes access to the Companion  
Hospitality Lounge Thursday through  
Saturday

- \* **Conference Early Registration through March 13<sup>th</sup>**
- \* **Hotel discount rates through March 26th**

**FACEBOOK: Ashrae-Region-VIII-CRC**



Overdue for a break?

*Tired? Is your daily life lacking excitement? The "Total Companion Package" may be just the thing for you. Light activities on Thursday allow you to rest up before the Welcome Party. Then it's off-to-the-races with a tour of the Wine Tasting Rooms in Grapevine on Friday followed by an elegant lunch and a foot tour of eclectic downtown Grapevine on Saturday.*



Be sure to pick up your gift  
bag at the registration table as part  
of the "Total Companion Package"  
Registration



# “GET THE BUZZ”

## Total Companion Registration:

As part of the registration, the Chef at the DFW Hyatt will be offering a demonstration along with culinary tips.

Check out our FACEBOOK Page for more updates on the COMPANION EXPERIENCE at CRC 2011.

## TOURS - TOURS - TOURS - TOURS - TOURS - TOURS

### Friday Tour:

The Grapevine Wine Tour is a “Grape” escape from reality. You will be transported from the hotel to three acclaimed wineries to experience educational instruction, and be guided through a sensory examination and evaluation of wines by the winery hosts. A Mediterranean lunch will be served during the wine tasting at the second winery. The wine tour experience will take approximately 4 hours and will allow you enough time to return to the hotel and rest before the Friday Night Dining begins at 6pm.

### Saturday Tour:

This tour is scheduled to depart at 11:30 am and return at 4:00 pm. It includes a visit to the newly renovated Gaylord Texan featuring 4-1/2 acres of indoor gardens and winding waterways along with distinctive shopping, dining and recreation options, the Grapevine European Markets, an elegant lunch and lots of shopping. The tour culminates with a visit to Grapevine Olive Oil Company’s tasting room, the premier olive oil provider in the North Texas Area.

For those of you who prefer to attend the Awards luncheon, you may still purchase a shuttle pass for the Grapevine Shuttle and catch up on the shopping portion of the tour in the late afternoon. If you are attending the Awards luncheon and did not indicate so with the online registration, please send your request to [regionviiicrc@hotmail.com](mailto:regionviiicrc@hotmail.com) and we will make sure to save you a seat.

*We are so honored to host the Companions that have supported ASHRAE functions throughout the years. If there is a request you have or need assistance in making your time with the Dallas Chapter more enjoyable, please let us know. Additionally, we have found the hotel staff and the business community to be amazing people most of whom live in the community they work in. If the CRC committee members aren't sure how to accommodate you, we have extensive support in getting your needs met and questions answered. We look forward to seeing you in April!*



# **The Dallas ASHRAE Chapter is Looking to YOU!**

## **“Regional Conference April 14<sup>th</sup>-16<sup>th</sup>”**

**We need volunteers to serve on committees.**

**Conference Location:  
DFW Hyatt Regency Hotel**



**CHAIR  
POSITIONS:**

Hospitality  
Registration  
Publicity / Facebook  
Friday Night Dinner

Banquet  
A/V  
Companion Activities  
Monitor

**COMMITTEES:**

Hospitality  
Registration  
Publicity / Facebook  
Friday Night Dinner  
Friday Technical Session  
YEA (Young Engineers of ASHRAE)

Banquet  
A/V  
Monitor  
Companion Activities  
Thursday night Welcome Party  
Golf

**CONTACT:**

**Jeanine Bounds  
Conference Chair  
regionviiicrc@hotmail.com**



# ***HOLE SPONSORSHIP Opportunity***

***For The***

## **2011 ASHRAE SPRING GOLF TOURNAMENT**



**WHEN:** Monday, April 25, 2011  
1:30 P.M. Shot Gun Start  
11:30 Registration Starts

**WHERE:** Bridlewood Golf Club  
4000 W Windsor Drive  
Flower Mound, TX 75028  
972-355-4800



***WHAT A GREAT OPPORTUNITY TO GET YOUR  
COMPANY'S NAME OUT IN FRONT OF  
YOUR CUSTOMERS AND  
RAISE MONEY FOR ASHRAE !!!!!***

***~ Hole Sponsorship ~***

COMPANY	# OF HOLES	CONTACT	PHONE #

- Hole sponsorships available, first come, first served.
- \$150.00 each. for firms with a foursome, \$200.00 each for firms without a foursome.
- **Some type of give away item or activity on each hole is encouraged to add to the tournament.**

### **DINNER & AWARDS IMMEDIATELY FOLLOWING TOURNAMENT**



Make Checks Payable to: Dallas Chapter of ASHRAE  
Mail to:  
Texas AirSystems, Inc.  
6029 W. Campus Circle Dr., Suite 100  
Irving, TX 75063

For questions or additional information contact:  
Peter Sudbeck @ 972-570-4700



# DALLAS ASHRAE

## 2011

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972-355-4800



**Cost is \$100.00 per Individual Player**  
**Or \$ 380.00 per foursome**  
**~ Foursome ~**

NAME	COMPANY	PHONE #
1)		
2)		
3)		
4)		
Primary Contact		Foursome Sponsor

### ~ Hole Sponsorship ~

COMPANY	CONTACT	PHONE #

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