

# THE AUSTIN REGISTER

American Society of Heating, Refrigerating and Air Conditioning Engineers  
Austin, Texas  
[www.ASHRAE-Austin.org](http://www.ASHRAE-Austin.org)



Chapter Year 2003-2004

March 2004

## PRESIDENT'S MESSAGE

Several members have recently mentioned to me an interest in finding out more about the Testing Adjusting and Balancing Bureau, know as TABB. Last month, Jeremy Smith arranged for Pat Pico with SMW to give an introduction on the structure of the TABB test and balance standard. TABB has rather extensive and stringent requirements for their Technician, Supervisor, and Contractor certifications, and appears to be a serious contender for TABB work in the Austin area in the future.

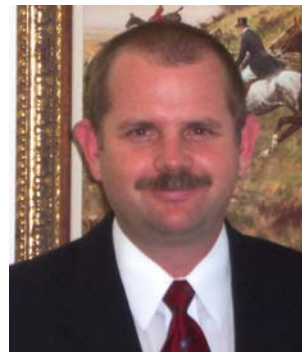
This month, Austin member Jack Evans and Chad Himmel will discuss acoustics pertaining to Fan Selection and Through the Wall

Air Conditioning Sound Loss. Jack gave a well-received and well-attended presentation to our chapter a few years ago and this presentation promises to be equally interesting.

Mark your calendars for the upcoming CRC to be held April 22-24 in Tyler Texas, the Home of the Texas Rose Festival. They started promoting this event immediately after last year's CRC in Fort Worth, and they appear to be rolling out the red carpet for this year's event.

Finally, Jim Ruth has put together another first rate Golf Tournament at the Circle C Golf Course on April 16. Jim has arranged the entry fees to include

contributions to ASHRAE Research, so in addition to the good meal and a round of golf, your participation will be helping a worthy cause. This event has sold out early in recent years, so hurry up and register.



Respectfully submitted,  
*Wes Goodwin, P.E.*  
Chapter President

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### Special points of interest:

#### Next Chapter Meeting:

When: Thurs., March 18th  
Where: County Line on the Hill  
6500 Bee Caves Dr.  
(512) 327-1742  
Map Provided

Social: 5:30-6:00 p.m.  
Tech Session: 6:00-6:15 p.m.  
Dinner: 6:30-7:0 p.m.  
Program: 7:00-8:00 p.m.  
Cost is \$20/person

#### Next Board of Gov. Meeting

When: Thurs. March 18th  
4:30 p.m.  
Where: County Line on the Hill  
Public Invited

**Please RSVP to:**

**Jeremy Smith**

**Ph 512-744-4400**

**Fax 512-744-4444**

**[smithj@auseea.com](mailto:smithj@auseea.com)**

44th Annual - Region VIII  
Chapter's Regional Conference (CRC)  
Hosted by the East Texas Chapter  
Tyler, Texas



*It's Springtime in the Rose Capital of the World*  
And the East Texas Chapter is Inviting Us to Attend

Date: April 22-24, 2004  
Host Hotel: Holiday Inn Select  
5701 South Broadway Avenue



For more information, please contact Robert Helt at (903) 581-3651 or [robert.helt@trane.com](mailto:robert.helt@trane.com)

Visit <http://crc.ashrae-etex.org/> to make reservations online and for a schedule of events.

## March Technical Session and Main Program Summary

*Submitted by: Jeremy Smith, P.E.*

### Technical Session

**“Through-Wall Air Conditioner Transmission Loss”** by Chad N. Himmel, P.E.

Packaged-terminal air conditioners (PTAC) are commonplace in today’s world of hotels and motels. Low first cost and simple installation make them an attractive solution to an otherwise complex HVAC system. There is one important aspect of PTAC units that can, if left unchecked, make the space it is serving unbearable... noise. Mr. Himmel will be demonstrating ways that noise enters a space through PTAC units as well as how owners are attenuating the noise before it enters the space.

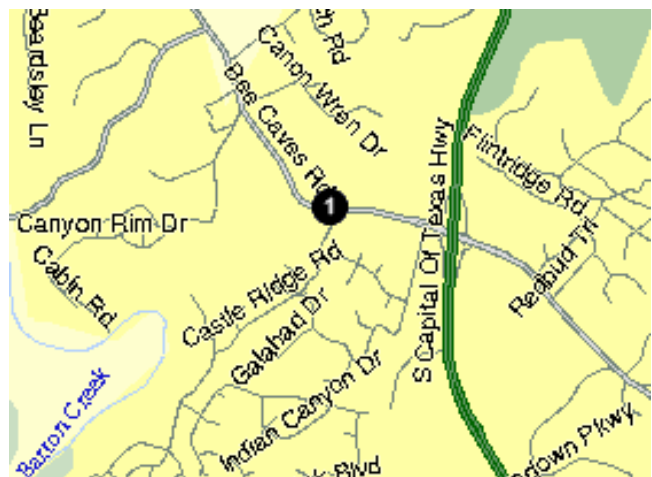
Mr. Himmel, an Associate at JEACOUSTICS, is responsible for JEA Project Management and scheduling. Mr. Himmel’s academic background includes degrees in architecture and engineering, leading to excellent integration of architectural acoustics, environmental and building systems noise and vibration control. Mr. Himmel has spoken to professional groups, the national AIA convention and presented technical papers at national and international conferences. In addition to graduating with High Honors from the University of Texas, he was awarded the AIA Medal of Honor for Academic Excellence in 1992. He is a Licensed Professional Engineer in Texas since 2002, No. 90175.

### Main Program

**“Fan Sizing to Achieve Low-Frequency Noise Control”** by Jack B. Evans, P.E.

Proper fan selection is not always a priority in an air handler design. Engineers and designers often make assumptions regarding static pressure and flow without making the proper calculations. This ultimately can lead to reduced energy efficiency and noise generation. Mr. Evans will be reviewing fan conditions that are favorable for noise generation and how we as design professionals can best select fans to achieve low-frequency noise control.

Mr. Evans, President and Founder of JEACOUSTICS. In addition to firm management and marketing, he provides measurements, analyses, engineering design, and expert witness for mechanical noise control, architectural sound isolation, structural vibration and environmental noise. His technical specialties are in the mechanical and structural engineering disciplines, relating to architectural acoustics, building vibration and mechanical noise control. Mr. Evans has been actively involved in acoustics, noise control, facilities services, and microelectronics projects as a consultant, designer, and construction manager for 28 years, including more than 800 projects in the Americas, Asia, Europe, and Africa. Jack Evans has been an invited speaker at the University of Texas Schools of Architecture and Engineering, the Carrier Design Course, and various professional societies and the AIA national convention. He has presented technical papers at international conferences in the US, Europe and Asia. He earned a BS in Architectural Engineering from the University of Texas in 1975. He is a Registered Licensed Professional Engineer in Texas since 1982, No. 52472



**2003-04 BUDGET REPORT (Fiscal Year Ending 6/30/04)**

For Period Ending 2/29/03

Category Name	Budgeted Income	Budgeted Expenses	Year to Date Income	Year to Date Expense	Year to Date Budget Balance
<b>Chapter Dues</b>	\$3,450.00		\$680.00		\$2,770.00
<b>Austin Chapter Dues</b>		\$236.00		\$236.00	\$0.00
<b>Golf Tournament</b>					
Income	\$18,500.00		\$0.00		\$18,500.00
Expense		\$10,500.00		\$0.00	\$10,500.00
<b>Product Directory</b>					
Income	\$5,000.00		\$0.00		\$5,000.00
Expense		\$1,700.00		\$0.00	\$1,700.00
<b>Trade-Shows-Seminars</b>					
Income	\$2,000.00		\$400.00		\$1,600.00
Expense		\$1,000.00		\$0.00	\$1,000.00
<b>Education Fund</b>		\$2,000.00		\$0.00	\$2,000.00
<b>Guest Speaker</b>		\$500.00		\$0.00	\$500.00
<b>Meeting Meals</b>					
Income	\$5,000.00		\$4,139.00		\$861.00
Expense		\$6,000.00		\$5,155.03	\$844.97
<b>Student Meeting Meals</b>					
Income (donations)	\$1,000.00		\$0.00		\$1,000.00
Expense		\$1,000.00		\$0.00	\$1,000.00
<b>Student Scholarships</b>					
Expense		\$1,000.00		\$1,000.00	\$0.00
<b>Newsletter</b>					
Postage		\$900.00		\$0.00	\$900.00
Printing		\$200.00		\$0.00	\$200.00
<b>Region VIII Fee</b>		\$150.00		\$0.00	\$150.00
<b>Research Contributions</b>					
Expense		\$8,000.00		\$0.00	\$8,000.00
<b>Student Memberships</b>		\$200.00		\$0.00	\$200.00
<b>Supplies/Software</b>		\$40.00		\$169.33	-\$129.33
<b>Website</b>		\$430.00		\$15.00	\$415.00
<b>Miscellaneous</b>		\$500.00		\$250.00	\$250.00
<b>Total Income</b>	\$34,950.00		\$5,219.00		\$29,731.00
<b>Total Expenses</b>		\$34,356.00		\$6,825.36	\$27,530.64
<b>Year to Date Cash Balance</b>					<b>-\$1,606.36</b>
<b>Wells Fargo Checking Account</b>					
<b>Beginning Balance (1/31/03)</b>		<b>\$11,504.18</b>	<b>Ending balance</b>		<b>\$10,775.67</b>

Submitted by: Tom Green, P.E.



**Austin ASHRAE  
BOG Meeting Minutes  
February 19, 2004  
County Line on the Hill  
Austin, Texas**

1. Wes Goodwin, President
  - a. Strategic Planning/Pres Elect Training on Feb 20,21, 2004
    - Mark Merriman is scheduled to attend
    - Wes Goodwin will not be attending
    - Bill Klock will attend as a part of regional duties
    - Travel Expenses will be paid by the Austin ASHRAE Chapter
2. Mark Merriman, President Elect
  - b. Newsletter
    - All Newsletter submissions due by the 5<sup>th</sup> of January (including History)
    - Mark has PDH credits from Glenn See, to distribute at meeting (not including last month's PDH's)
3. Jeremy Smith, Vice President
  - c. Programs – Update for remainder of the year
    - March program – Jack Evans with Rooftop Acoustics
    - May's program is Little Red School House (B&G)
    - Tonight's meeting to be TAB
  - d. Webmaster – Status of site, issues with Domain Host
    - Website is functioning
    - PDFs to be inserted upon receipt for all History entries
  - e. Tax filing for 2002 – Status
    - Filled
4. Cameron Labunski, Secretary
  - f. Attended UT Austin ASHRAE Student Meeting with Drew
  - g. To handle Reception duties in place of Paul Cherry
5. Tom Green, Treasurer
  - h. Current financial status and budget
    - Need to keep more up-to-date records, possibly via ledger
    - Approximately \$1,600 behind projected budget planning at this time
6. , BOG 1
  - i. Research Promotion – By Jim Ruth
    - Awards remaining from last month's meeting were mailed out
    - 150-letters sent out to members for research promotions
    - Additional letters will be sent out detailing tax-benefits for contributions
  - j. Golf – By Jim Ruth
    - Golf Tournament set-up
    - Several Sponsors have been received
7. Mike Davidson, BOG 2
  - k. PAOE update
    - Updated spreadsheet is available
8. Randy Schrecengost, BOG 3
  - l. Membership – Ken Simpson, phone committee
  - m. Honors and Awards – Bill Klock
  - n. Reception – Paul Cherry
  - o. Roster – Morgan Stinson – Due out in March/April
    - We should be on-time with the Roster this year, since system is now template format
  - p. Seminars – Update on next scheduled seminar
    - May 20<sup>th</sup> – Little Red Schoolhouse (B&G).
  - q. Historian
9. Glenn See, BOG 4
  - r. TEGA-Mark Treadway
  - s. Refrigeration
  - t. CEU certificates
10. Drew Harrison, BOG 5
  - u. Student activities
11. Next meeting – March 18, 2004

# ASHRAE Program Organizer

## Year 2003-2004

Month	Date	Location	Tech Session			Theme
			Speaker	Company	Topic	
August	8/24	County Line (on the hill)	Scott Whigham & Steve Houtz	Ingersoll Rand	Flow Control and Regulation of Compressed Air	Membership Promotion
September	9/18	County Line (on the hill)	Steven Rowley	Particle Measuring Systems	Airborne Molecular Monitoring	RP
October	10/30	Travis County Expo Ctr	Tom Messenger	Cool Tech	Refrigeration Tour	Student Month
Nov/Dec	12/4	Chez Zee	N/A	N/A	N/A	Holiday Banquet
January	1/15	County Line (on the hill)	Mike Hayes	Munters	Energy Recovery Equipment - Overview	RP
February	2/19	County Line (on the hill)	Pat Pico	SMW	Do's and Don'ts of Testing/Balancing	Engineers Week
March	3/18	County Line (on the hill)	Chad Himmel	JEAcoustics	Thru the Wall AC Transmission Losses	TBA
April	4/15	County Line (on the hill)	Bill Elosh	Ductmate	The Effect of Tie Rods in Ductwork	Nominating
May	5/20	County Line (on the hill)	Ken Luther	Bell and Gossett	Piping Systems	Officer Induction

Month	Date	Location	Dinner Presentation			Theme
			Speaker	Company	Topic	
August	8/24	County Line (on the hill)	Scott Whigham & Steve Houtz	Ingersoll Rand	Designing and operating compressed air systems for lowest overall cost.	Membership Promotion
September	9/18	County Line (on the hill)	Mark Huza	Camfil	Carbon/Chemical Filtration Tech	RP
October	10/30	Travis County Expo Ctr	Expo Operators	Travis County	Refrigeration Tour	Student Month
Nov/Dec	12/4	Chez Zee	Harlan and Nancy Oelklaus	Entrepreneurial Systems	Stress Management	Holiday Banquet
January	1/15	County Line (on the hill)	Mike Hayes	Munters	OA & Dessicant Wheels..A Perfect Match?	RP
February	2/19	County Line (on the hill)	Pat Pico	SMW	An Introduction to TABB	Engineers Week
March	3/18	County Line (on the hill)	Jack Evans	JEAcoustics	Fan Sizing for Low Freq. Noise Control	TBA
April	4/15	County Line (on the hill)	TBA	TBA	Intro: LEED and US Green Building Council	Nominating
May	5/20	County Line (on the hill)	Ken Luther	Bell and Gossett	Piping Systems	Officer Induction

Submitted by: Jeremy Smith, P.E.

Attendance Report	
Members	24
Life Members	2
Students	1
Guests	6
Total	33

Submitted by: Cameron Labunski, P.E.



## AUSTIN ASHRAE SEMINAR LARGE CHILLED WATER SYSTEM DESIGN

Please fill out form below, include check, and mail to address shown. Contact Randy Schrecengost [schrecengostrc@c-b.com](mailto:schrecengostrc@c-b.com) or 512-314-3160 for any Questions.

**REGISTRATION DEADLINE: Friday, May 14, 2004**

### Little Red School House

## Applications Design Seminar & Program



## May 20, 2004



Please Circle what you plan to attend  
**NOTE ALL COSTS.**

Name: \_\_\_\_\_

Company & E-mail: \_\_\_\_\_

Morning Session: 8:30 – 12:00 p.m. Primer on Pumping Basics \$40.00

Afternoon Session: 1:00 – 4:30 p.m. System Fundamentals \$40.00

<b>Both Sessions:</b>	<b>Discounted Pricing</b>	<b>\$65.00</b>
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Meeting Program: 6:00 – 8:00 p.m. Summary Various Piping Systems \$20.00

<b>Full Seminar + Meeting:</b>	<b>Discounted Pricing</b>	<b>\$80.00</b>
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**Seminar Location and time:** DSI Training Room, 3901 South Lamar, Suite 110, Austin.  
Near the Black Eye Pea Restaurant. Time: 8:30 am - 4:30 p.m.

**Attendees need to arrive 30 minutes prior to each Session.**

**Meeting Location and time:** County Line on the Hill, 6500 Bee Cave Road, Austin. Near Loop 360. Phone: 327-1742. Time: 6:00 p.m. - 8:00 p.m.

**Make Check Payable to "Austin ASHRAE" and mail with form to:**  
Randy Schrecengost, P.E.; Attn: ASHRAE Seminar;  
Carter-Burgess, 2705 Bee Cave Road, Suite 300, Austin, TX 78746

**Seminar Class Size is LIMITED to 75 people. Pricing Discounts apply to mail in registration ONLY. Please register early!**



### 2004 ASHRAE Golf Tournament

Friday – April 16, 2004  
The Golf Club @ Circle C

#### Tournament Schedule

Registration & Driving Range	11:30 – 1:15
Putting Contest	11:45 – 1:15
Shotgun Start	1:30
BBQ Buffet	Approx. 6:00
Awards Ceremony	Approx. 6:30

**Note: Tournament will be during Daylight Savings!**

#### Team Registration Form

	NAME	COMPANY	PHONE #
1			
2			
3			
4			

**Make Checks payable to: ASHRAE – Austin Chapter**

*Send to the attention of:*

**Jim Ruth – Dynamic Systems, Inc. – 3901 S. Lamar, Ste. 300, Austin, TX 78704**

*Benefiting Research and Scholarship activities for Austin ASHRAE*

Our annual Austin ASHRAE Golf Tournament has always been our largest fundraiser. A part of the funds raised every year at the golf outing go to ASHRAE Research. The *Resource Promotion (RP)* campaign annually raises funds to support ASHRAE’s research program. It is conducted by the Society’s membership through local chapter volunteers and receives over 7,000 contributions each year from the membership and companies associated with the HVAC&R industry.

This annual support totals more than \$1.7 million annually and is matched dollar-for-dollar by ASHRAE from the proceeds of the annual winter AHR Exposition. Since ASHRAE pays all the fund raising expenses, **100% of every donor’s invested dollar goes into the research program.**

Members can submit individual or company contributions with their dues payment or by sending their contributions to their chapter’s Resource Promotion chair. Companies can also send their research investments to their local ASHRAE chapter chair, Jim Ruth.

ASHRAE, Inc. is a 501(c)(3) non-profit organization. Contributions from U.S. citizens and businesses are deductible as allowed by law.



# MEMBERSHIP PROMOTION

*Submitted by: Randy Schrecengost, P.E.*

Dear Austin ASHRAE Members:

**Reference: Unpaid Society Dues**

As you know, we strive to reduce our Chapter's delinquency counts throughout the year by reminding members to pay their dues once their paid Society year is complete. In our efforts to notify our members, we have concluded that there is some confusion regarding an individual member's status regarding being delinquent. The following is an attempt to help clarify the information regarding membership and delinquencies.

When someone joins ASHRAE, and Society has received their dues payment, their annual membership year begins and continues on a 12 month billing cycle.

At two (2) months prior to the one-year anniversary of the original billing, the member is contacted to renew his/her dues for the following year. IF the member does not renew, they become "delinquent" on the anniversary date.

Three (3) months after the anniversary date, the first notice of renewal is sent to the member. At this point, the member is no longer eligible to vote on ASHRAE business and the Journal/Insights for Student members is discontinued.

Six (6) months after the anniversary date, the second notice of renewal is sent to the member. At this point, the Journal/Insights for the member is discontinued.

Nine (9) months after the anniversary date, the third notice of renewal is sent to the member. At this point, the member is no longer to receive the Handbook.

Eleven (11) months after the anniversary date, the final notice of renewal is sent to the member.

At twelve (12) months after the anniversary date, all UNPAID members are dropped from the system and no longer tracked.

The member has twelve months to renew before being dropped from the roll, but if this happens they are then required to be re-instated. During this time frame, the member may receive telephone calls and/or letters urging them to renew at the varying timeframes described above.

To most members' surprise, paying their dues eight to nine months late simply removes you from the "current" delinquency list for only the three or four months remaining on your billing cycle. Since a "new membership" year is about to begin again, payment of your dues will be required upon your anniversary date. Once missed, the member is once again on a delinquency list. We understand that making dues payments are sometimes not a priority. If you miss paying your dues one time, however, you will be in a catch-up mode until you make two payments closed together at some point during the billing cycle.

Please also remember that Society membership is a prerequisite to local membership. Local membership in Austin's Chapter helps support our local efforts. You can pay you local dues of \$20.00 at the same time you pay your Society dues. This will allow us to keep you informed on all local activities.

If you have any questions, please feel free to contact me at 314-3160 during the day, or via email at [schrecengostrc@cb.com](mailto:schrecengostrc@cb.com) at work or at home [schreck@texas.net](mailto:schreck@texas.net). If you find that you have not paid your dues, you can go to the ASHRAE website and pay your dues online at [www.ashrae.org](http://www.ashrae.org). Should you have any questions regarding this effort, do not hesitate to contact ASHRAE headquarters at 1-800-5ASHRAE.

Remember that PAID UP members have the greatest impact on both Society's and the local Chapter's financial bottom line.

Respectfully Submitted,  
Randy Schrecengost, BOG Member

Attend the CRC in Tyler  
Visit: [www.crc.ashrae-etex.org](http://www.crc.ashrae-etex.org)

# TEGA REPORT

*Submitted by: Bill Klock, P.E. Region VIII RVC-TEGA*

## **General**

Technical, Energy and Government Activities Committee (TEGA) and the Chapter Programs Committee are being combined starting next year. The new committee is the Chapter Technology Transfer (CTT) Committee. This is a logical step as TEGA was responsible for Technology Transfer and Chapter Programs are the best avenue for transferring technology. There will be a bunch of work required for the CTT chairs at the chapter level. It will be very important to get a committee set up to handle the duties.

## **Technology Transfer**

ASHRAE is going to post all of the Power Point presentations from the Winter Meeting in Anaheim. This should provide a framework for some good technical discussions.

The Standard 62 committee voted to remove the informational appendix on ventilation for odor control for spaces containing environmental tobacco smoke (ETS). So we are back at square one. There is still a move to provide design guidance, but it seems like it's going to be a while. The information from Seminar 43 and Seminar 47 relating to ETS in buildings from the Winter Meeting should be very informative.

Are you receiving copies of the "ASHRAE News" by e-mail? This is great way to keep track of what is happening in our industry. You can register for delivery at [ASHRAE.org](http://ASHRAE.org)

## **ASHRAE Satellite Broadcast**

On Wednesday April 14, 2004 from 11:00am to 2 pm cst ASHRAE is sponsoring "Homeland Security for Buildings". This should provide a significant amount of information. The speakers include ASHRAE President Richard Rooley and Presidential Member Bill Coad, amongst others. This should be a great opportunity to provide information to government jurisdictions in your area. For more information, check the AHSRAE web site.

## **GA Award Entries**

Please provide entries for the Government Activities Award to me by fax, e-mail, or mail no later than April 15, 2004. Send me an e-mail and I will send you a copy of the winning Society entry. With all of the activity in Monterrey, Mexico City, Austin, and Little Rock I am expecting (hoping) for lots of entries.

## **Deadline for Technology Award Entries**

Please provide entries for the Technology Awards to me by fax, e-mail, or mail no later than April 15, 2004.

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## **SPECIAL MEMBERSHIP NOTE!!!**

Your local dues are only \$20.00, and you can pay them at the same time you pay your Society dues. This will allow us to keep you informed on all local activities. Your membership in Austin's Chapter helps support our local efforts in keeping you informed on local activities through newsletters, seminars, and meetings regarding up-to-date programs, speakers and the latest technology in the area. Positive aspects of local involvement are being able to network with other industry professionals, and maintaining your professional education by earning Continuing Education Units (CEUs) or Professional Development Hours (PDHs). By being involved, you'll be a stronger contributor on the job and enhance your chances for career growth.

Please note that the Austin Board of Governors has decided to cease distribution of any local announcements (i.e. the Chapter Newsletter, emails, and mailings, etc.) to those members that have not brought their local dues up to date. If you have any questions, please feel free to contact the me at 314-3160 during the day, or via email at [schrecengostrc@c-b.com](mailto:schrecengostrc@c-b.com) at work or at home [schreck@texas.net](mailto:schreck@texas.net). If you find that you have not paid your dues, you can go to the ASHRAE website and pay your dues online at [www.ashrae.org](http://www.ashrae.org). Should you have any questions regarding this effort, do not hesitate to contact ASHRAE headquarters at 1-800-5ASHRAE.

## Continuing Education Requirements for Professional Engineers

*Submitted by: Mark Treadway*

As most of you are already aware, the 78th Texas Legislature in SB 277 requires 15 hours of continuing education for registered engineers annually. The Engineering Practice Act was Texas Civil Statutes, Article 3271a. and 78th Legislature SB 277, Section 17 set forth requirements for Continuing Education. The Continuing Education requirement is part of the Occupation Code, Chap 1001.210. TBPE is promulgating rules to implement. (Current Rule 131.139, will become Rule 137.17 in recodified rules)

The rules were approved at the January Board meeting and were published in the Jan 30, 2004 Texas Register. **CEP credits began as of September 1, 2003 and by March 2005 PDHs will be required for license renewal.** This will be similar to the previous voluntary program. NCEES was used as well as other state boards for the base model

All registered engineers will be responsible for self determination of CEP activities and will need to keep strict records. Requirements will be; sending in a short list of activities with your yearly renewal form, keeping a logsheet that is available from the board. Keep all certificates, flyers, documentation to support your activities in case there is an audit. Only then will you send in the logsheet and other support documentation. You must keep this data for 3 years.

The Austin Chapter of ASHRAE is providing PDH's for meetings and the upcoming seminar in May. By participating in the meetings and seminars over the course of the year, you will meet your PDH requirements.

A brief definition of terms;

- PDH Professional Development Hour - a contact hour of CEP
- CEU Continuing Education Unit - Continuing education unit of credit
- Course/Activity - Any qualifying course or activity which will maintain, improve expand skill and knowledge
- 15 PDH per renewal period
- 1 PDH in professional ethics per renewal period
- 5 PDH max from self-directed study
- Maximum of 15 hours may be carried forward to next year

These PDH, or CEU credits may be earned by;

- 1. Complete/audit college credit course or continuing education courses
- 2. Completion of short course/tutorials
- 3. Present/attend seminars/technical presentation
- 4. Teaching/instructing above 1 - 4
- 5. Publishing papers, articles, books
- 6. Participation in Professional/Technical Societies
- 7. Patents issued
- 8. Engaging in self-directed study

For further information please contact:

TBPE  
1917 South IH 35  
Austin, TX 78741  
Phone: 512-440-7723  
FAX: 512-442-1414  
Web: <http://www.tbpe.state.tx.us>  
email: [peboard@tbpe.state.tx.us](mailto:peboard@tbpe.state.tx.us)



## REGION VIII-UPDATE

Robert Uselton of the Dallas Chapter was elevated to the member grade of Fellow.  
Rick Vermillion of the Central Oklahoma Chapter received the ASHRAE-ALCO Medal for Distinguished Public Service

Two research projects were awarded to our region at the Winter meeting

1. Texas A&M—Develop a comparison of total energy requirements of Series vs. Parallel Fan Powered Boxes
2. Oklahoma State University—Research Lighting Heat Gain Distribution in buildings

# Resource Promotion

## February Photos

### Austin ASHRAE 2003-2004 RP Donors (thru 3/5/04)

Donor Name	RP Contribution
Dynamic Systems, Inc.	\$1,600
PCI	\$1,200
Texas Air Products	\$1,000
Robert Madden	\$750
York	\$750
HTS	\$750
Fox & Hearn	\$500
Verde Engineering, Inc.	\$500
Ideal National Mechanical Corporation	\$400
Johnson Controls	\$325
Mechanical Reps, Inc.	\$250
Swagelock	\$250
Entech Power Systems, Inc.	\$250
Flexmaster	\$200
SPOT	\$200
Titus	\$200
Ruskin	\$200
Loren Cook	\$200
Mr Richard P Lowke	\$150
Air Technologies Incorporated	\$150
Goodwin Engineering Inc	\$150
Dreher & Associates	\$130
Kanetzky & Associates Inc	\$100
Mr Jorge E Villalba	\$100
Mr Randy C Schrecengost	\$100
Mr John W Johnston	\$100
Mr Jeremy T Smith	\$100
Mr James T Ruth	\$100
Mr Thomas F Green	\$100
Mr Mark Merriman	\$100
Mr Cameron R Labunski	\$100
Mr Wesley P Goodwin	\$100
Johnson Consulting Engineers	\$100
Mr Michael J Davidson	\$100
Hendrix Consulting Engineers	\$100
Pottorff	\$55
Tab Technologies	\$50
Oslin Nation	\$50
Dynasonics	\$50
Ferguson / Esco	\$50
Goetting & Associates	\$50
Mr Eugene R Konde	\$25
<b>Total - to date</b>	<b>\$11,685</b>





# THE AUSTIN REGISTER

Austin ASHRAE Chapter  
 c/o YORK International  
 2101 E. St Elmo, Suite 330  
 Austin, Texas 78744



## THE AUSTIN ASHRAE CHAPTER VOLUNTEERS - 2003 - 2004

POSITION	NAME	BUS. PH	FAX	E-MAIL
President	Wes Goodwin, P.E.	512-349-9667	512-349-9668	wes.goodwin@goodwinengineering.com
President-Elect	Mark Merriman	512-481-0220	512-499-8528	mark.merriman@york.com
Vice President	Jeremy Smith, P.E.	512-744-4417	512-744-4444	smithj@auseea.com
Secretary (Parliamentarian)	Cameron Labunski, P.E.	512-440-8333	512-440-8328	clabunski@acreng.com
Treasurer	Tom Green, P.E.	512-345-7793	512-345-7201	tomg@tgce.com
<b>BOARD OF GOVERNORS</b>				
BOG - 1(1st PP)				
BOG - 2	Randy Schrecengost, P.E.	512-314-3160	512-314-3135	schrecengostRC@c-b.com
BOG - 3	Mike Davidson	512-894-3086	512-894-0867	miked@mechreps.com
BOG - 4	Glenn See	512-443-4848	512-443-7575	gsee@tab-tech.com
BOG - 5	Drew Harrison	512-416-8822	512-416-8894	dharrison@trane.com
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Roster	Ken Simpson	512-744-4400	512-744-4444	simpsonk@auseea.com
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TEGA	Mark Treadway	512-444-1835	512-444-5522	markt@mechreps.com
Nominating Comm.	Bill Klock, P.E.	512-744-4410	512-744-4444	KlockB@auseea.com
Past President's Council (3rd PP)	Carl Crow, P.E.	512-416-1654	512-416-7547	carl.crow@goetting.com
Newsletter Editor	Mark Merriman	512-481-0220	512-499-8528	mark.merriman@york.com
Publicity	Mark Merriman	512-481-0220	512-499-8528	mark.merriman@york.com
Auditing Committee	Carl Crow, P.E.	512-416-1654	512-416-7547	carl.crow@goetting.com
Historian	Randy Schrecengost, P.E.	512-314-3160	512-314-3135	schrecengostRC@c-b.com

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