



# The PENNANT

Newsletter of the  
ASHRAE® Central Pennsylvania Chapter  
[www.ashraecenpenn.org](http://www.ashraecenpenn.org)

Volume 3, Number 4, December 2004

## President's Message ...



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Members,

First of all I would like to thank everyone that attended our November program on humidification at the Appalachian Brewing Company. Next months program will deal with acoustics and be held at the Holiday Inn in New Cumberland on December 8th.

In December 2002 ANSI/ASA Standard S12.60, “Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools” was completed. This standard states that background noise cannot exceed 35dBa. One of the intents of the standard was to codify the requirements of the American Disabilities Act for “mild to moderately hearing impaired students”. The threshold set by Standard S12.60 precludes the use of typical packaged HVAC equipment and requires that mechanical engineers consider acoustical performance of their HVAC designs.

Although the standard is voluntary it is expected to become enforceable due to the existing provisions of the American Disabilities Act. School districts have already faced lawsuits requiring them to comply with the provisions of the ADA, which deal with hearing impairment. The standard is already referenced in the 2003 ASHRAE fundamentals Handbook.

With all of these developments in mind, our December program is timely and relevant. I hope to see you on December 8th.

As always, if you have any comments or suggestions for our Central PA ASHRAE chapter please drop me a line.

Respectfully,  
Myron Ramage  
President

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# Meeting Agenda

## Wednesday December 8, 2004

3:30 – 5:00	Board of Governors Meeting
5:00 – 6:00	Social Hour
<b>6:00 – 6:45</b>	<b>Acoustics</b>
6:45 – 7:15	Dinner
<b>7:15 – 8:15</b>	<b>Acoustics</b>

## Acoustics by Curt Eichelberger

### Engineering Manager Acoustics & Vibration York International

Curt is a licensed Professional Engineer with over 25 years of experience in engineering, sales and marketing of products relating to acoustic & vibration technologies. Curt is presently the Manager of the Acoustic & Vibration Group at York International, where he is responsible for the quieting of York's chiller and air-handling products.

Before joining York international, Curt was employed in a variety of positions with CSI and Bruel and Kjaer instruments, where he was responsible for the sales, marketing and design of acoustic and vibration measurement systems to applications in basic research, product development, quality control and plant maintenance.

From 1974 – 1982 Curt managed a noise control group with Gannet Fleming Environmental Engineering, where he was responsible for over seventy projects involving architectural acoustics, building noise control, building vibration control, and community noise assessment.

Curt has a B.S. in Electrical Engineering (1971) and a M.S. in Acoustics (1980) from Penn State.

He is an active member of ARI Technical Committee on Sound, ASHRAE TC 2.6 on Acoustics and the Institute of Noise Control Engineers, where he served on the Board of Directors from 1989 through 1991.

Curt's experience also extends to teaching. He was an instructor at Penn State's Harrisburg Campus and Drexel University where he taught Engineering Noise Control and Architectural Acoustics classes.

# Reservations

**Holiday Inn Hotel and Convention Center  
Interstate 83 & PA Turnpike  
New Cumberland, PA  
Phone # 717-774-2721**

**Deadline: Monday, December 6<sup>th</sup> at 1:00 p.m. PLEASE!**

Program Cost: \$ 30.00 Retired/Students: \$ 5.00 <mailto:reservations@ashraecenpenn.org>

**Please provide:**

Your Name:

Company:

Phone:

Sessions:

ASHRAE Member or Student Member

**Note to all Chapter Officers and Committee Chairs:**

Chapter Officers, Board Members and Committee Chairs have standing reservations. If you do not RSVP by the deadline, you will be billed for the fun time you missed.

## Directions

**From Harrisburg:**

83 South to Limekiln Road  
Exit

**From Lancaster:**

283 West to Pa Turnpike  
Pa Turnpike West one exit  
(HBG east)  
North 83 to Limekiln Road Exit

**From York:**

83 North Limekiln Road Exit

# Schedule of Events

Date	Event	Topic / Description
September 8, 2004	BOG Meeting / Program	<b>Indoor Air Quality</b> By W. Edward Montz, Jr., Ph.D., CIAQP
October 4, 2004	BOG Meeting / Program	<b>Hydronics</b> By Dan Holohan
November 3, 2004	Professional Development Seminar	<b>Professional Energy Code Seminar ANSI/ASHRAE/IESNA Standard 90.1-2001</b> By Larry Spielvogel, PE
November 10, 2004	BOG Meeting / Program @ Appalachian Brewing Co. Harrisburg	<b>Resource Promotion Night Humidification</b> By Scott Herr and Dean Scheurich
December 8, 2004	BOG Meeting / Program @ Holiday Inn New Cumberland	<b>Acoustics</b> By Carl Eichelberger
January 12, 2005	BOG Meeting / Program Location TBD	<b>Cooling Tower and Chiller Interaction</b>
February 2005	Professional Development Seminar	<b>Indoor Air Quality</b> By Dan In-Hout (ASHRAE Distinguished Lecturer)
February 9, 2005	BOG Meeting / Program @ Appalachian Brewing Co. Harrisburg	<b>Natatorium System Design</b>
March 9, 2005	BOG Meeting / Program @ Holiday Inn New Cumberland	<b>ASHRAE Standard 62</b>
April 20, 2005	BOG Meeting / Program @ Appalachian Brewing Co. Harrisburg	<b>Student Activities Night – Student Presentations</b>
May 12, 2005	BOG Meeting / Baseball Game!! @ City Island, Harrisburg	Senator's Outing <b>Family Night</b>
TBD	Golf Outing	<b>Membership Promotion Day</b>

**Attend the five remaining Programs for \$120, by purchasing a Program Ticket – details on the next page.**

**Save \$30.00  
Avoid the Hassle!**

# Bulletin Board

## 2004/2005 Manufacturers' Representatives Product Directory

This year's directories have been printed and mailed! If you did not receive your copy or would like to purchase additional copies for \$15, please contact Bob Miller [rmiller@ashraecenpenn.org](mailto:rmiller@ashraecenpenn.org)



### Program Tickets

Purchase your year of programs in advance and get the following benefits!

No messing with money/checks at the door!

One Program Free!

Two guest passes!

Buy one for your company and pass it around to your employees!

~~~~~  
Cost \$120.00 (\$30.00 Savings)

Program Tickets will be available at the December 8<sup>th</sup> meeting.

Please see Bob Miller

[rmiller@ashraecenpenn.org](mailto:rmiller@ashraecenpenn.org)

717-664-0106  
~~~~~

Program ticket is for the 2004/2005 season

Guests may be members. Preregistering is required.

Free program does not include the Senators Outing, Golf Event or PDS's.

**If you have any announcements that would be of interest to the local membership, please submit request to [mtome@ashraecenpenn.org](mailto:mtome@ashraecenpenn.org) for posting on the bulletin board. The chapter retains the right to reject any request.**

# Bulletin Board

## An Old Tradition Revived: Business Cards in the Pennant

Support the Central Penn Chapter of ASHRAE and keep your name in front of your clients and peers.

**\$25 includes a card in every issue of the Pennant until June 05.**

Send cards to:  
Mark Tome

Susquehanna Commerce Center North Building  
221 West Philadelphia Street  
York, Pa 17404

(717) 845-7654

[mtome@ashraecennpenn.org](mailto:mtome@ashraecennpenn.org)

## Coward Environmental Systems, Inc.

72 S. Heintzelman St.  
Manheim, PA 17545  
717-664-0106  
Fax 717-664-0107  
Cell# 717-215-6374

[Rob@cowardenvironmental.com](mailto:Rob@cowardenvironmental.com)

**ROBERT E. MILLER**  
Sales Engineer

[www.cowardenvironmental.com](http://www.cowardenvironmental.com)

\* Engineered Systems for Air Management \*



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# Announcements

## ***Promotions***

## ***New Employees***

Barton Associates welcomes Kevin Krebs to their staff. Kevin is working as a HVAC Designer in BA's institutional department.

## ***New Members***

Mike Parker, Johnson Controls, has transferred his membership from the Albuquerque, NM chapter. Welcome to the Central PA Chapter!

## ***Weddings/Births/Deaths***

## ***Anniversaries***

## ***Misc.***