



The PENNANT

Central PA ASHRAE Newsletter

<http://cenpenn.ashraechapters.org>

April 2009

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Members,

As promised in the March issue it is Spring! There is no better way to celebrate the start of spring than attending Student Night on April 8th.

I have not checked the newsletter archives to find out how long we have been holding Student Night in April, but it has become a promise in its self. A promise of a good time by meeting the students at the branches in University Park and Penn College. A promise to see new technologies being applied. A promise to see the results of hands on learning.

Please join us on April 8th for a good time and a look at our future industry leaders!

Mark Tome, P.E.

08-09 Chapter President

mat@ba-inc.com

717-845-7654 x237

Research Promotion
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Refrigeration Committee
[Mark Tome, PE](#)

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Student Activities
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[Andrew Odell](#)

Thank You!

Many thanks to Scott Corbin and Sonny Jones for leading the tour of the Battlefield Museum and presentation at March's meeting. Definitely a rare opportunity to tour such a high profile building.

Society Press Releases

[ASHRAE Launches Commissioning Certification Program](#)

March 24, 2009

ATLANTA - Just as the commissioning process helps buildings and their systems operate optimally, ASHRAE's newest certification recognizes those with optimal knowledge of the entire building commissioning process. The program is ideal for individuals given a commissioning role who may not have a building HVAC&R background ...

[ASHRAE Rolls into Louisville for 2009 Annual Conference](#)

March 19, 2009

ATLANTA - The pounding hoof beats into the final turn. Ice tinkles in the glass of a frosted mint julep. The plaintive echoes of rivercraft are heard as they signal the drawbridge ...

Meeting Announcement

Student Night

Wednesday April 8th 2009

Appalachian Brewing Company

50 N. Cameron St.

Harrisburg, Pa 17101

717.221.1080

5:00 - 6:00 Cocktails and Meet and Greet with Penn State and Penn College Students

6:00 - 6:30 Dinner

6:30 - 7:30 PSU Student Chapter Presentations

7:30 - 8:00 Penn College Student Chapter Presentation

Please join the Student Activities Committee in welcoming our student chapters and guests:

- Penn State Student Branch
- Penn College of Technology Student Branch

Student Activities Night has always been a fun meeting and a great forum to show off the talents of our student members. This year we are excited to have both the Penn State Student chapter and the Penn College Student Chapter come down and impress us with their work. Please come out and show your support to our student chapters!

Reservations:

RSVP: toddp@triangleRefrigeration.com or

(717) 656-5720 ask for Todd Postlethwait

Deadline: Friday, April 3rd, 2009 @ 5 pm Please!

Chapter Members: \$30.00

Non members: \$40.00

Retired: \$5.00

Students: Free

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.

[Plugged In! Experience Seeks to Raise Awareness on Plug Loads](#)

March 11, 2009

ATLANTA - From computers to popcorn poppers to hair dryers, energy use in dormitories often runs rampant due an overload of appliances ...

[ASHRAE Position Document Outlines Commitment to Natural Refrigerants](#)

March 5, 2009

ATLANTA - In a new position document, ASHRAE outlines its support for research, assessment and strategic growth in the use of natural refrigerants ...



YEA Leadership Weekend 2009

May 15-17 Atlanta, GA

Young Engineers in ASHRAE (YEA) Leadership Weekend is just for you! Its primary focus is to develop the leadership skills of young ASHRAE members by offering personal and professional development, networking opportunities, and a greater understanding of ASHRAE and how the Society can help YOU advance your career. For questions or to reserve a spot, send an email to: youngengineers@ashrae.org
The event will be held at the newly renovated ASHRAE Headquarters.

[YEA Leadership Weekend Registration Form](#)

Schedule of Events

Date & Location	Event
September 10 - Wyndham Garden 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Past Presidents Dedicated Outdoor Air Systems Active Chilled Beams
October 8 - ABC - Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Membership Promotion Solar Technology Solar Tubes
November 12 - ABC - Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Research Promotion Engineering and Insurance Legal Issues
December 10 - ABC Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	History Night Integrated Design Energy Modeling
January 14 - Wyndham Garden Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Joint meeting with AEE ASHRAE 90.1 Standard 2007 90.1 Changes from 2004 to 2007 Overview of Std 189.1
January 21 - Sheraton Harrisburg/Hershey Professional Development Seminar 7:45 - 8:30 AM Registration & Continental Breakfast 8:30 AM - 12:30 PM Seminar	"Stuff You Don't Learn in Engineering School" By Carl S. Selinger Learn important soft skills that engineers and other professionals need to know
February 11 - ABC Harrisburg 5:00 pm - 6:00 pm Social Hour 6:15 pm - 8:00 pm Dinner/Program	YEA Night Come and learn more about renewable energy!
March 11 - Museum/Pike 4:45 pm - 6:15 pm Museum Tour 6:15 pm - 8:00 pm Dinner/Program	Gettysburg National Battle Field Museum Mech. Systems Tour Project Presentation by Scott Corbin
April 8 - ABC - Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Student Activities Night Social with Students Thesis Presentations by AE Students
April 22 - Sheraton Harrisburg/Hershey 7:45 - 8:30 AM Registration & Continental Breakfast 8:30 AM - 12:30 PM Seminar	Professional Development Seminar "Optimizing HVAC Systems for the 21 st Century" By Donald R. Wulfinghoff, P.E.
April 22 - Harrisburg Trane 1:00 PM - 4:00 PM	Satellite Broadcast Clean, Lean, and Green: IAQ for Sustainable Buildings
May - TBD	Family Night TBD
July - TBD	Golf Outing to benefit ASHRAE Research

YEA Connection Newsletter

Greetings!

This quarterly newsletter is coming to you as a YEA member.

What does the show Dirty Jobs and Young Engineers in ASHRAE have in common? Have you ever seen the show Dirty Jobs? Ever noticed the part where ...

Pennant Mailing List

[Join Our Mailing List!](#)

Bulletin Board

Awards, Promotions, New Employees, New Members, Weddings/Births/Deaths/Anniversaries, etc. (posted free of charge)

Put it in the Pennant - Send your announcements to Brent Adams - badams@fswelsford.com

We also publish employment opportunities.

The cost is \$50 per issue.

2009/2010 Directory

Attention!

Manufacturers' Representatives in the Central PA Area

The Central Pennsylvania ASHRAE Chapter is pleased to announce that we are ready to accept updates and new listings for the third edition of the Product Representative and Distributor Directory.

If you created an account previously, your company and listing information will be available to review and edit. Please use your user name and password to access this information, or follow the steps to create a new account. With a planned distribution of 500 copies, area engineers, contractors and decision makers will be looking for you in the directory. All local ASHRAE members will receive a complimentary copy. The cost is \$150.00 for the first page and \$50.00 for each additional page. Pay by credit card using our secure and encrypted web server. Each account will receive three copies of the final directory. Proceeds will fund Central PA ASHRAE initiatives such as the scholarship fund. The server will be available for data collection and editing through April 1st. The directory will go to print in June and be available for distribution by the golf outing.



Visit www.cenpendirectory.org to access the directory website.



ASHRAE Satellite Broadcast

Clean, Lean, and Green: IAQ for Sustainable Buildings

April 22, 2009, 1:00p.m. - 4:00p.m.

Using the guidance provided by the IAQ Guide: Best Practices for Design, Construction, and Commissioning developed through collaboration with ASHRAE, AIA, BOMA, EPA, SMACNA and USGBC, this broadcast will challenge the building community to use enhanced IAQ practices to create a more sustainable built environment. Join ASHRAE in learning more about your role in transforming mid-range practice into best practice for healthy, productive, sustainable indoor environments.

FAQs - [Frequently Asked Questions](#)

About the Panel of Presenters - [Hoy Bohannon](#), [Barney Burroughs](#), [George DuBose](#), [Martha Hewitt](#), [John McFarland](#)

About the Moderator - [Don Rheem](#)

Program - [Tentative Agenda](#)

Arrangements have been made for chapter members to view the broadcast at the Harrisburg Trane office (3909 Tecport Dr., Harrisburg, PA 17111). If you would like to view the broadcast at Trane's office please email Kim Young, kyoung3@trane.com with the number attending.

Many thanks to Trane for opening their broadcast site to the ASHRAE chapter!

**Professional Development Seminar
Announcement**

**"Optimizing HVAC Systems for
the 21st Century"**

**A SEMINAR OFFERED BY
THE CENTRAL PENNSYLVANIA CHAPTER OF
ASHRAE**

Wednesday, APRIL 22, 2009

**SHERATON HARRISBURG HERESHEY HOTEL
4650 LINDLE ROAD, HARRISBURG, PA
www.sheratonhershey.com**

Presented by:

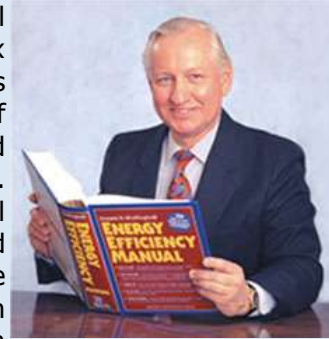
**Donald R. Wulfinghoff, P.E. President, Wulfinghoff
Energy Services, Inc. Wheaton, MD**

Donald Wulfinghoff is a researcher, consultant, and teacher in the field of energy efficiency. Since the "oil shock" of 1973, his research has contributed to fundamental understanding of energy issues, he has guided government energy policy, and is considered a leader in energy efficient design and operation of buildings and industrial facilities.

Mr. Wulfinghoff is the author of the *Energy Efficiency Manual* (Energy Institute Press), a primary reference on energy efficiency in buildings. In 1978 he established the first professional courses on energy conservation at George Washington University. His courses, seminars, and lectures have been attended by thousands.

Mr. Wulfinghoff was an organizer and judge of the ASHRAE Energy Awards design competition, and he contributed the original Energy Management chapter of the *ASHRAE Handbook*. He is also active in the development and promotion of ASHRAE Standard 90.1, which has become the recognized energy standard for the United States.

He is president of Wulfinghoff Energy Services, Inc., and his firm has provided services to organizations ranging from the White House to heavy industrial plants, from small schools to the most complex hospitals. The firm provides consultation in many areas of technology and management, and trains energy professionals. Mr. Wulfinghoff is a Professional Engineer in mechanical and electrical engineering. He received a B.S. in physics from the University of Louisville and an M.S. in physics from the University of Florida, where he also completed the core program for a doctorate in physics and electrical engineering.



This Professional Development Seminar will be of great interest to engineers, designers, contractors, facilities managers, students, and others in our industry. You will learn how HVAC evolved to its present state, and how much of contemporary practice in HVAC is inadequate to fulfill the stringent demands of the 21st century; demands of comfort, indoor air quality, energy efficiency, and resistance to terrorism. Addressing these issues has become an elusive goal and a challenge to all of us in the business. The presentation will outline an approach to optimizing HVAC systems to provide for dehumidification, optimized ventilation, controlling outside air, controlling space pressure, optimizing air movement within the space, minimizing energy consumption, and eliminating health hazards. Onward to the Future!

SEMINAR COST

Cost for the Seminar is \$50.00, which includes continental breakfast and coffee/soda break.

Checks/cash will be collected at registration *on the day of the seminar*. Make checks payable to: CENTRAL PENN CHAPTER ASHRAE. *Sorry, we do not accept credit cards.*

All attendees will receive a Certificate of Attendance documenting 4 Professional Development Hours.

RSVP

Email your RSVP to:

Tom Long - thomas.long@mail.ashrae.org

****DO NOT REPLY TO THIS E-MAIL
(marktome1@comcast.net) TO RSVP****

Please RSVP by Friday April 17th. This seminar will fill up quickly so RSVP early! Include your name, phone number, and company/school name.

SEMINAR SCHEDULE for Wed, April 22

**REGISTRATION & CONTINENTAL BREAKFAST
7:45 - 8:30 AM**

SEMINAR 8:30 - 12:30 PM