



The PENNANT

Newsletter of the
ASHRAE® Central Pennsylvania Chapter

<http://www.cenpenn.ashraechapters.org/>

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President's Message...



Dear Members,

When adversity strikes, one never knows what might happen!

Last month's program started out well with a very interesting tour of the Air Products facility for the tech session. Thank you to the people of Air Products for their time and courtesy!

Next was the dinner at the Eden and that's when things got interesting. Due to a culmination of unusual events, the speaker never made it leaving our beloved program chair, Mark Tome, sweating bullets! Never fear! Don Miller, chapter past president, decided to make his return on this very night. We were blessed with Don's 50+ years of experience salted onto our open discussion of various topics. I have to say it was one of the most interesting meetings that I have been to. Thank you, Don, for being there and your willingness to share your vast experience.

Don't be surprised if we see Don again! I believe a program or two might be coming our way.

Special thanks to the PDS for another very successful event. 110+ people attended from various disciplines. Tom Long and the crew put in a lot of extra effort on coordinating this one. Thanks again!

Next up is student night on April 9th at the Appalachian Brewing Company. If you have not been to a student night, you are missing the chance to learn about new technologies and innovations in our industry. These soon-to-be professionals are applying the latest simulation software and energy analysis tools to analyze real buildings and projects. So come out and support the students and your local ASHRAE chapter.

Finally, let us all welcome new member Nathan Fuhrman of Webber/Smith. We look forward to getting to know you.

Sincerely,

Bob Miller

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Wednesday April 9th, 2008
Appalachian Brewing Company, Harrisburg, PA

5:00 – 6:00 Cocktails and Meet and Greet with Penn State and Penn College Students
6:15 – 7:00 Dinner and Scholarship Announcements
7:00 – 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 Chapter**
- **Penn College of Technology Student Chapter**

New and Exciting Student Activities Night!

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. We will also be announcing and awarding scholarships from Society. Please come out and show your support to our student chapters!

Appalachian Brewing Company
50 N. Cameron St.
Harrisburg, PA 17101
717-221-1080

Many thanks to Keller Engineering Services for sponsoring the virtual keg (100 pints) for the April meeting.

Reservations: mat@ba-inc.com or (717) 845-7654 ask for Mark Tome

Deadline: Friday, April 4th at 3:00 p.m. 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.

Directions:

From I-81:

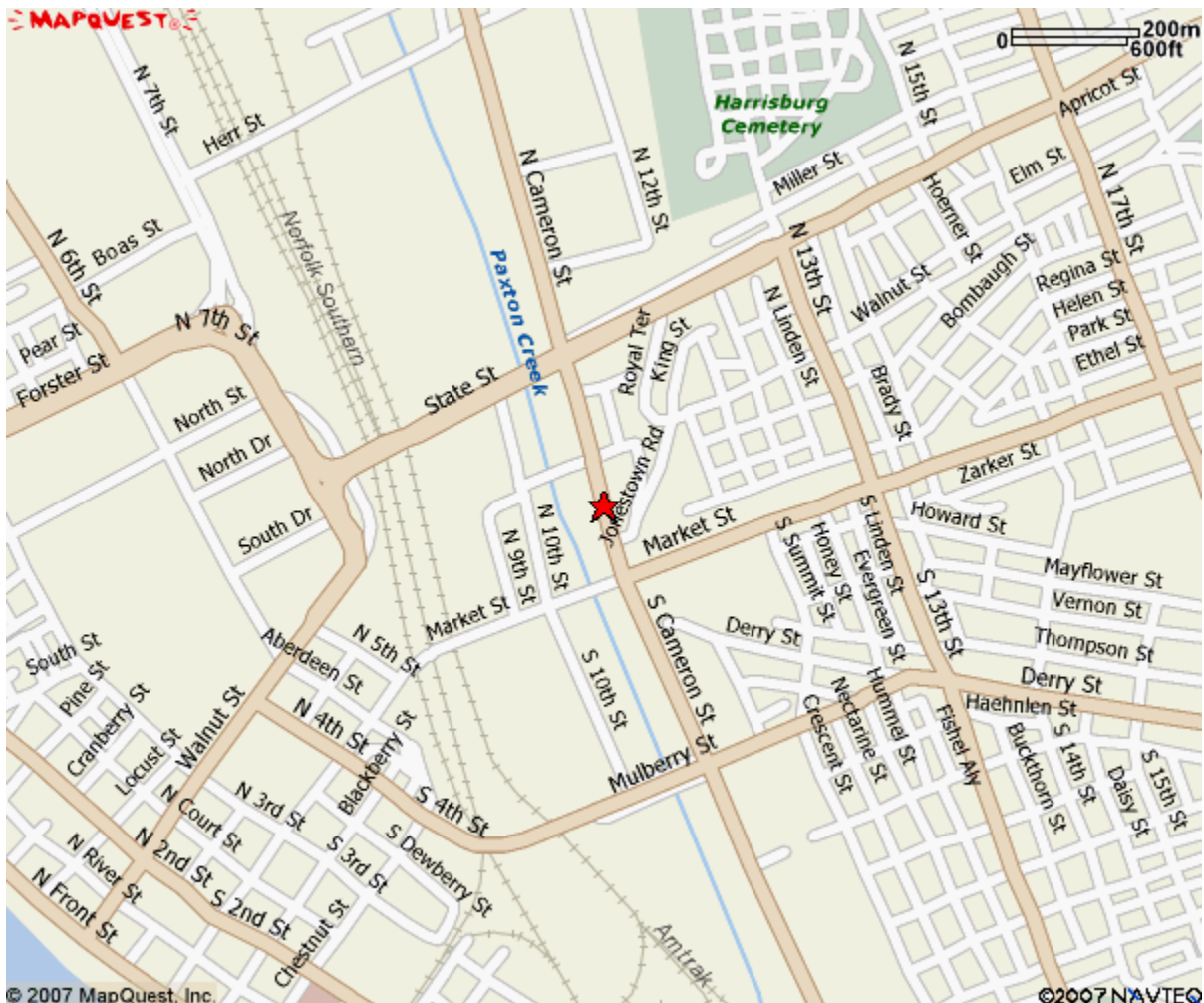
Take the Cameron Street exit. Go about 1 mile past the Farm Show Complex. We are the 3 story brick building on the right hand side (corner of Cameron and Walnut.)

From I-83:

Take the 2nd Street exit. Turn right at the 1st light (Paxton Street.) Turn left at the next light (Cameron Street.) Go through the next light (Market Street) and we are the 3 story brick building on the left hand side (corner of Cameron and Walnut.)

From the West Shore:

Take the Market Street Bridge over the Susquehanna River. Take Market Street past the Railroad Station. The next light will be Cameron Street. Take a left on Cameron Street and Appalachian Brewing Company will be 1 block on your left at the corner of Cameron and Walnut.



ASHRAE Central PA – Current Schedule of Events

DATE & Location	Event	Description
September 12 – ABC Harrisburg Tech Session Program	Past Presidents TBD ASHRAE President Kent Peterson	Greater Efficiency Today Blue Skies Tomorrow
October 10 – ABC Harrisburg Tech Session Program	Membership Promotion Sheet Metal Shop Tour New SMCNA Duct Construction Manual	Bring a new member and you both get in Free! Eli Howard from SMCNA
November 7 – ABC Harrisburg Tech Session Program	Research Promotion TBD Andy Persily, ASHRAE VP Topic TBD	
December 12 – Wyndham Garden Tech Session Program	History Night Variable Refrigerant Volume Land Fill Gas Reclaim	Multiple Fan Coils with Single DX Compressor Overview of the Frey Farms/Turkey Hill Dairy Operation
January 9 – Harrisburg Trane Tech Session Program	Energy Saving Control Strategies Thermal Energy Storage	
February 13 – York Tech Session Program	Tour – Under Floor A.D. Lab Water to Water Heat Pumps	
March 12 – Lancaster Tech Session Program	Air Products Tour HVAC Estimating	Presentation and Round Table Discussion
April 9 – ABC Harrisburg Tech Session Program	Student Activities Night Social with Students Thesis Presentations by AE Students	
May	Family Night York Revolution Baseball Game	
July	Golf Outing to benefit ASHRAE Research	
August 14-16 – The Hilton Harrisburg	ASHRAE 2008 Region III CRC	See the chapter website for further details.

Check the chapter website for updates to the schedule.

<http://cenpenn.ashraechapters.org/>

Bulletin Board

Please welcome the following new members.

New Members in February 2008

Nathan E. Fuhrman – Associate
nfuhrman@webbersmith.com

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

Put it in the Pennant – Send your announcements to
Mark Graybill – mgraybill@accu-aire.com

*We also publish employment opportunities.
The cost is \$25/half page per issue.*

Employment Opportunities

JOB TITLE: DESIGN / APPLICATION ENGINEER

SUMMARY: HVAC OEM needs energetic, self-motivated application engineer who will be responsible for providing application and technical support to the distributors and the customers. Knowledge of Solid Works a plus. BSME plus 3 years of experience in HVAC is desirable.

ESSENTIAL DUTIES AND RESPONSIBILITIES include but not limited to the following:

- ✓ Size / select / modify equipment / components for job specific applications.
- ✓ Researches and analyzes data such as customer design proposal, specifications and manuals to determine feasibility of design or application.
- ✓ Designs and/or specify products or systems such as instruments, controls and mechanical, thermal, hydraulic or heat transfer systems.
- ✓ Compiles and analyzes operational test and research data to establish performance standards for existing, newly designed or modified equipment or product.

SALARY: Negotiable.

Benefit package available. Pre-employment physical and drug screening required.

Please forward resume and cover letter to:

Attn: Martha Wagaman, H/R Mgr.
UNITED COOLAIR CORP
491 E. PRINCESS ST. – PO BOX 5085
YORK, PA 17405
PHONE: 717-843-4311 ext 34
FAX: 717-854-4462

EOE

Email: mwagaman@unitedcoolair.com

Company profile available @ www.unitedcoolair.com

Job Title: MECHANICAL ENGINEER II

Location: Harrisburg, PA

Description / Requirements:

Qualifications include a BS/MS degree in Mechanical Engineering or Bachelor of Architectural Engineering. Five- Ten Years of mechanical engineering analysis and design of buildings including facility planning, preliminary and final design, construction documents and specifications for Government, Aviation, Higher Education, and/or Commercial facilities. Project work includes HV AC designs for new facilities as well as renovation work. Responsible for mechanical engineering project proposal development and budgets and technical content of construction documents for projects assigned. Design work must follow Mechanical Design Standards and codes as applicable.

Candidate shall be a licensed professional engineer with immediate capability to be registered in Pennsylvania.

Please forward resume and cover letter to: Attn: Richard A. Robyak, P.E.
Michael Baker Jr. Inc.
4431 North Front Street, Second Floor
Harrisburg, PA 17110-1709
Phone: 717-221-2000
Fax: 717-234-7611
Email: rrobanyak@mbakercorp.com

ASHRAE Satellite Broadcast/Webcast



April 16, 2008
1:00–4:00 P.M. EDT



INTEGRATED BUILDING DESIGN: Bringing the Pieces Together to Unleash the Power of Teamwork

This broadcast explains what you and other members of the building team must do to advance high-performance buildings with improved design, construction and operations processes. Buildings that meet the needs of occupants and truly achieve sustainability objectives can only be created if the building community shares its knowledge and experiences. Join ASHRAE in learning more about your role in integrated building design and helping to create a sustainable built environment.

This free program is sponsored by ASHRAE's Chapter Technology Transfer Committee. For complete details, visit our website at www.ashrae.org/ibdbroadcast.

How to Participate

- You may host a broadcast site for your colleagues.
- You may register to view with others at a site near you.
- You may register to view the Webcast on your PC.

PDH Credits

Three (3) Professional Development Hours or three (3) AIA Learning Units will be awarded to viewers who complete the "Participant Reaction Form" following the broadcast.

About the Presenters

Kent Peterson, ASHRAE's 2007-2008 president, will introduce the broadcast program

- Walter Grondzik, Architectural Engineer and Professor in the Department of Architecture, Ball State University, Muncie, Indiana—"What is Integrated Building Design?"
- Charles Gullledge III, P.E., MAI, CSI, ASHRAE Distinguished Lecturer, Senior Mechanical Engineer, AC Corporation, Greensboro, North Carolina, "The Integrated Design Process"
- Drury B. Crawley, Technology Development Manager, U.S. Department of Energy, Washington, DC—"Achieving Net-Zero Energy Buildings Through Integrated Building Design?"
- Paul Torcellini, Team Leader for Commercial Buildings Research, National Renewable Energy Laboratory, Golden, Colorado—"Bringing the Pieces Together—Actual Applications"

New Member Discount

Non-member participants will be given a \$50 discount for applying for ASHRAE membership. A special membership application will be available at satellite broadcast sites or by request at membership@ashrae.org.

If you would like to view the Live Webcast in a group setting, Barton Associates is inviting the Central Penn ASHRAE chapter to their office. Refreshments will be provided.

RSVP appreciated – mat@ba-inc.com or (717) 845-7654 ask for Mark Tome

Directions: <http://www.ba-inc.com/directions.asp>