

Volume 41, No. 8
April 2006

PHILADELPHIA CHAPTER

Pre-Dinner

*Future City Competition
Presentation*

After-Dinner

*ASHRAE Standard 62.1 - 2004
Indoor Air Quality Procedure
(compliance using 5 CFM OA per person)*

presented by
Charlie Waddell
Bioclimatic Air Systems

Thursday, April 6, 2006

Past Presidents' Night

5:00 to 5:45 PM
Pre-Dinner Presentation

5:45 to 6:15 PM
Cocktails and Hors D'oeuvres

6:15 to 7:00 PM
Dinner

7:00 to 7:45 PM
After-Dinner Presentation

7:45 to 8:00 PM
Conclusion

STRENGTHEN OUR MEMBERSHIP!

Ask for a Membership Application at our
Events' Reception Table -
Pass it along to a Friend
or Colleague!

LOCATION

Colleen's on the Parkway
Parktowne Place Apartments
South Building
22nd & Ben Franklin Parkway
Philadelphia, PA

FOR RESERVATIONS

Call (610) 971-2169
or Email
philachapter@mail.ashrae.org

RESERVATION NOTICE

Reservations must be made by
no later than 12:00 Noon
2 days prior to the meeting date.

COSTS

Local Chapter Members Reservation
\$30
Late Registrations & Walk-ups
\$45
Non-local Dues Paying Members
\$35
Members 30 years & under
\$10 Discount
Student Members
\$10

Reservations not cancelled by 12:00 noon
2 days prior to the meeting date will be
billed the full amount.
The Chapter will no longer
bear the cost of "no-show" meals.

Quaker City CLIMATE

JOURNAL OF THE PHILADELPHIA CHAPTER OF THE AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS, INC.

Pre-Dinner Presentation

Future Cities Competition Encourages Young Engineers

by Jeffrey Gilbeaux, Governor, Philadelphia Chapter

At the end of January, I attended the Future Cities Competition at the Jake Nevin Field House at Villanova University. As a judge for ASHRAE, which is a sponsor of the Philadelphia Future Cities Competition, I met a lot of enthusiastic students who developed projects and worked hard to develop their ideas as a team.

The goal was to design a city of the future, which gave the students experience in applying what they have learned and working together. It was fun to listen to each team explain their ideas which were all very different. There are many sponsors and awards so there were many judges asking each team different questions.

Each team has a mentor, which is a volunteer who meets with them over several months to guide the team and help them get to the point of having a good project to enter in the competition. Our speaker at one of our recent dinner meetings, Mark Maguire, PE, was one of the mentors, as was Brett Jenner, one of the members of the Board of Governors of our ASHRAE chapter.

The Future Cities program is a program of The Delaware Valley Engineers Week Council. The student team of Holy Rosary School is the winner of the ASHRAE sponsored award for best indoor environment and will speak at our pre-dinner presentation at this month's meeting.

For more information about Future Cities and how you can participate as a volunteer, please go to www.futurecityphilly.org.

05-06 Directories Available

The 2005-2006 Directory of Consulting Firms and Manufacturers' Representatives in the Philadelphia Area is now available for \$20 each. To order your copy, send your check, payable to "Philadelphia Chapter ASHRAE", to:

994 Old Eagle School Road, Suite 1019,
Wayne, PA 19087-1866.

After-Dinner Presentation

ASHRAE 62.1-2004
INDOOR AIR QUALITY PROCEDURE
(COMPLIANCE USING 5 CFM OA PER PERSON)

Mr. Waddell will provide an overview of the new ventilation requirements in 62.1-2004, portions of which are slated to be adopted into the 2006 international mechanical code. He will also discuss methods to reduce outside air to a minimum of 5 CFM per person in most applications and still be in compliance with ASHRAE Standard 62 indoor air quality procedure as well as local and national codes. In addition, various air cleaning technologies will be discussed that allow the reduction of outside air.

After-Dinner Speaker

CHARLIE WADDELL

Charlie Waddell is the Executive Vice President of Bioclimatic Air Systems, Delran, NJ a leading manufacturer of air purification systems for indoor air quality, odor/air pollution control and corrosion protection. Mr. Waddell's experience includes designing mechanical, electrical, refrigeration and control systems in the commercial and industrial HVAC markets. Prior to joining Bioclimatic Air Systems, Mr. Waddell was a Regional Sales Manager and Submittal Engineer for Des Champs Technologies and a Field Electrical Engineer for Siemens Medical. Mr. Waddell holds a BSEE and BSEM from Old Dominion University.

It's Not Too Late to Advertise!

Advertisements for the 2006-2007
Directory of Manufacturers' Representatives
in the Philadelphia Area
will be accepted until
March 3, 2006.
Call Hope Silverman at
610-971-2169
if you are interested.

ASHRAE Volunteers are Needed

Can you spare a few minutes a month to help on one of the following committees for the Philadelphia Chapter?

Membership Promotion Committee
Program Committee
Research Promotion Committee
Refrigeration Committee
Technical, Energy & Government Activities Committee
Student Activities Committee

Please send an email to our Volunteer Chairman, Bob Carpenter, at bob@cowardenvironmental.com to identify your interests to participate.

We Need Your Email Address!

The Quaker City Climate, the monthly newsletter of the Philadelphia Chapter of ASHRAE which is published September through May, is now distributed only by email, unless a Chapter member contacts our office and specifically asks that they continue to receive a hard copy by mail.

This is a cost savings for the Chapter and eliminates lost time due to mail delays. This is also useful to distribute meeting reminders and urgent information in a timely manner.

Don't miss the latest information on meeting dates, locations, and speakers, as well as other news of interest to engineers in the Philadelphia area!

Please email us at hope@multiservicemgmt.com to be added too our email distribution list, if you are not included already.

We will keep your email address confidential!

Student Activities

Over the next couple months, the Student Activities Committee will be attending local colleges to promote ASHRAE. Some of the colleges include Drexel, Temple, Widener, and Delaware Valley Community College. We are also looking to set up visits to local grade schools and or high schools. If you have any interest in presenting or getting involved, please contact Mike Witkowski, Student Activities Committee Chair, at mwitkowski@mchugheng.com.

Philadelphia Chapter Continuing Education for PE's in PA

by John Pardekooper, Vice President, Philadelphia Chapter

According to a 2005 survey of engineering licensing boards by the NCEES, 26 currently require some form of continuing education for license renewal. Pennsylvania may be one of the next. The Pennsylvania State Senate is considering legislation to amend the engineering licensure law to require continuing education (often referred to as Continuing Professional Competency, or CPC) as a requirement for license renewal. The proposal in Pennsylvania is based on the NCEES model law, with the exception of the Pennsylvania proposal requiring 24 rather than 30 Professional Development Hours (PDHs) during a biannual renewal period. According to the proposed legislation, PDHs would be obtained through classroom education, writing technical papers, attending technical seminars, and participating in technical organizations to name a few. Our chapter is working on qualifying the presentations at our dinner meetings to qualify and meet the requirements for Pennsylvania continuing education for Professional Engineers if and when it is enacted.

Our best understanding is that Senate Bill 655, which includes the proposed licensure amendment, will be considered on the floor of the Senate some time this year. The link at the bottom of the article has the history and full text of the proposed amendment. The Philadelphia Chapter of ASHRAE is committed to keeping its members informed about the potential change in license renewal requirements and adapting its programs and documentation to support whatever requirements may be enacted.

Link to Senate Bill 655 including CPC Changes:
<http://www.legis.state.pa.us/WU01/LI/BI/ALL/2005/0/SB0655.HTM>

Thanks to local member Frank Stanton, Jr. PE , who provided key information for this article.

Check
www.ashrae-phila.org
for further information
on the
Philadelphia Chapter!

PHILADELPHIA CHAPTER ASHRAE 2005 - 2006 PROGRAMS

For reservations and updates, check www.ashrae-phila.org.

Date	Location	Pre-Dinner Topic	Dinner Topic	Theme
Thursday April 6	Colleen's	Future City Competition Presentation	ASHRAE Standard 62.1 - Indoor Air Quality Procedure	Past President's Night
Thursday May 11	Colleen's	Humidity Control	IBC Seismic Requirements	ASHRAE Scholarship Night
Wednesday May 10	Princeton University Campus	Centralized Thermal Energy Storage	Tour of New TES Plant	Field Trip
Thursday June 8 5:30 pm	Temple University Campus	Program Planning Meeting for 2006-2007		

We Need More Reservations!

We need your attendance!

We are below our guaranteed level for ASHRAE members and our treasury could be negatively effected.
Our programs are designed around the membership's input and we all need to support these meetings
to maintain a strong/informed association.

We hope to see you at our next meeting.

Please come out and support our Chapter!

Spring Field Trip to Princeton University Cogen / TES Plant

Wednesday, May 10

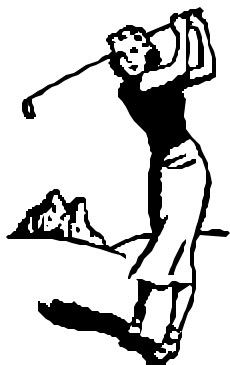
Our tour will be hosted by the Princeton University's Energy Plant Manager, Ted Borer, PE, CEM, LEED. Princeton University has a daytime population of approximately 10,000 people: half students and the remainder a combination of researchers, faculty, and staff. The university has been providing power since 1996 to its 500-acre campus with a gas turbine. The turbine produces 70 to 85 percent of the electric power required by the campus all year, and the hot air of the exhaust is harnessed to produce steam in a process called cogeneration (cogen). The university minimizes their peak electrical demand for making chilled water with a large scale thermal energy storage plant.

Our group will meet at the Princeton campus **Wednesday, May 10, at 6PM** (meeting site and directions will be provided in advance). We must confirm the number of attendees early, so please reserve your spot now so you don't miss out on the tour. A light meal will be provided at no cost to attendees. Contact Hope Silverman at 610-971-2169 or philachapter@mail.ashrae.org to register for the tour. If you are interested in traveling by group bus from Philadelphia (for a fee) please advise Hope. We will not make bus arrangements unless enough members wish to participate.

PHILADELPHIA ASHRAE CHAPTER

ANNUAL SPRING

GOLF TOURNAMENT



WHEN: Friday, June 2, 2006
1:00 pm Shotgun

WHERE: Northampton Valley Country Club
Richboro, PA (near I-95 and Newtown-Yardley Exit)

COST: Golf & Dinner: \$ 90.00 / Per Person
Dinner Only: \$ 40.00 / Per Person

Prizes include First, Second and Third Place Awards plus Longest Drive and Closest to the Pin Awards.

* Scramble Format *

SINGLES AND FOURSOMES ARE WELCOME!

RSVP TO:

Brett Jenner
Tel: 215-641-4276
Fax: 215-641-4310
Email: brett.jenner@honeywell.com

PAYMENT TO:

ASHRAE
994 Old Eagle School Road, Suite 1019
Wayne, PA 19087-1866
(Make checks payable to "Philadelphia Chapter ASHRAE")

REGISTRATION FORM

Name:

Company:

Telephone:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Golf and Dinner \$ 90.00 x _____ = _____

Dinner Only Option \$ 40.00 x _____ = _____

Hole Sponsor \$ 200.00 = _____

Multiple Hole Sponsor \$ 150.00 x _____ = _____

TOTAL ENCLOSED \$ _____

ASHRAE

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
AIR-CONDITIONING ENGINEERS, INC. PHILADELPHIA CHAPTER

BASIC HVAC SYSTEM DESIGN COURSE

This is a demanding one-year course that introduces students to the fundamentals of HVAC design. Classroom activities will include lectures and problem solving sessions, supplemented by home reading and study assignments.

2006-2007 Course Subjects Include:

Fundamentals and Psychometrics
Load and Heat Transfer Fundamentals
Load Calculations
Pumps, Piping & Piping Systems
Basic Steam & Boilers
Electricity Fundamentals
Fans, Air Distribution & Duct Design
Refrigeration
Controls & Instrumentation
Equipment Selection

The class is a great way to further, or even begin, a career in HVAC.

Classes will meet Tuesdays and Thursdays from 6:15 PM to 8:30 PM beginning in early October and continue until the end of April. All classes will be held in Philadelphia.

The Basic Class tuition is \$1,000.00, which includes all reference materials. Class size is limited to 30 students, so complete the application on page 8 making sure to check the **BASIC** course box and include it with a **non-refundable** deposit of \$200.00 payable to "Philadelphia Chapter ASHRAE". Balance due at first course session. Please mail the application and deposit to the School Coordinator at:

Larry Snyder
1147 N. 4th St., 4E
Philadelphia, PA 19123
Phone: (215)925-1925
E-mail: 263bhf@verizon.net

ASHRAE

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND
AIR-CONDITIONING ENGINEERS, INC. PHILADELPHIA CHAPTER

ADVANCED HVAC SYSTEM **DESIGN COURSE**

Through this challenging course, students will use architectural building backgrounds to develop a complete HVAC system. Design concepts will encompass air systems, chilled and hot water hydronic systems and equipment selections such as chillers, boilers and unitary rooftop. The schedule is a demanding one-year, 28-night course culminating in a student generated total system design. Additionally, there are plenty of out-of-class assignments to help students manage their workload.

**This course is fantastic opportunity to develop
the tools necessary to further an HVAC Career.**

2006-2007 Course Subjects Include:

Code Evaluation
Load Calculation
System Evaluation & Selection
Equipment Selection
Layout
Controls
Specifications

Classes will meet Wednesday evenings from 6:15 PM to 8:45 PM beginning early September and continuing until the end of April. They will be held at Sheet Metal Workers Local 19 located at 1300 Columbus Blvd. in Philadelphia.

The Advanced Class tuition is \$1,000.00, which includes all reference materials. Class size is limited to 25 students, so complete the application on page 8 making sure to check the **ADVANCED** course box and include it with a non-refundable deposit of \$200.00 payable to "Philadelphia Chapter ASHRAE". Those applications not accepted for enrollment will have the deposit refunded. Balance due at first course session. Mail the application and deposit to the School Coordinator:

Larry Snyder
1147 N. 4th St., 4E
Philadelphia, PA 19123
Phone: (215)925-1925
E-mail: 263bhf@verizon.net

Philadelphia Chapter ASHRAE

American Society Of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

Continuing Education Application

I am applying for: ☐ **Basic HVAC Course** ☐ **Advanced HVAC System Design Course**

Personal Information

Name: _____

Last First M.I.

Home Address: _____
Street
City
State
Zip

Phone No.: _____ Date of Birth: _____ Application Date: _____

Email: _____

Current Employment

Employer: _____ From: _____ To: _____ Total _____
Firm Name Date Date Years

Business Address: _____
Street
City
State
Zip

Job Title: _____ Phone: _____ Fax: _____

Email: _____

Discipline: ☐ Engineer ☐ CAD/Designer ☐ CAD/Drafting ☐ Sales Rep ☐ Trades ☐ Administration

Employment History

Firm	Location	Job Title	No. Years

Total years in the HVAC industry: _____

Education

	School (Name & Location)	Years Attended	Major	Degree Or Diploma
High School				
College				
Other				

If applying for the Advanced Course, have you completed the Basic Course? ☐ No ☐ Yes Year Graduated: _____

PLEASE SEE REVERSE SIDE FOR PAYMENT

PAYMENT

AMOUNT:

Basic Course _____ \$200 Deposit _____ \$800 Balance Due _____ \$1000 Fee

Advanced Course _____ \$200 Deposit _____ \$800 Balance Due _____ \$1000 Fee

PAYMENT BY CHECK: _____ (made payable to "Philadelphia Chapter ASHRAE")

PAYMENT BY CREDIT CARD: _____ VISA _____ Master Card

*Please note: Payment by credit card requires an additional 5% processing fee
unless the full fee is being paid prior to the beginning of course.*

Total Amount to be Billed to Card: _____

Credit Card Number: _____

Expiration Date: _____

Name on Card (please print): _____

Billing Address for Card: _____

RETURN THIS FORM WITH PAYMENT TO:

Larry Snyder
1147 N. 4th St., 4E
Philadelphia, PA 19123

For Official Use Only

Date Received: _____ Tuition: _____ Deposit: _____ Check No.: _____ Balance _____

Sustainability Topic of ASHRAE Satellite Broadcast

A satellite broadcast is being offered by ASHRAE to fulfill its goal of promoting building sustainability as a means to provide a safe, healthy, comfortable environment while simultaneously limiting the impact on the Earth's natural resources.

Information about building sustainability principles, practices and emerging concepts will be presented in the free April 19, 2006, satellite broadcast and Webcast, Sustainability and the Building Environment. The program is sponsored by ASHRAE's Chapter Technology Transfer Committee (CTTC). **ASHRAE Philadelphia Chapter is finalizing plans to offer a local venue for our members to view the broadcast. Watch for details to follow soon by email.**

"This broadcast will benefit all of the team members involved in the design, construction, start-up, and operation phases of a facility," said Jon Christopher Larry, chair of CTTC. "Viewers will be given information and sources to assist them when they are faced with the situation where a green design must be done. The green building industry will also benefit from the engineering input from ASHRAE."

The speakers for the broadcast will provide guidance on how to practice green building design. They are: Joe Van Bellegem, president, BuildGreen Developments, Victoria, Canada; Hal Levin, Fellow ASHRAE, research architect, Building Ecology Research Group, Santa Cruz, Calif.; Jean Lupinacci, director, ENERGY STAR commercial and industrial branch, ClimateProtection Partnerships Division, U.S.Environmental Protection Agency; Kevin Hydes, P.E., P.Eng., president and CEO, Keen Engineering, Montreal, Canada; and Malcolm Lewis, Ph.D., P.E., president, CTG Energetics, Irvine, Calif.

The broadcast will be similar to the April 2005 Mold in the Building Environment Broadcast/Webcast viewed by some 16,000 viewers at 1,700 locations.

Visit www.ashrae.org/greenbuildingsbroadcast for the latest information regarding the broadcast/Webcast and ASHRAE's work on sustainability.

ASHRAE IAQ 2007 Examines Healthy, Sustainable Buildings

Healthy, sustainable buildings are those that create high quality indoor environments while minimizing their impacts on the outdoor environment. But achieving both can be a challenging goal.

Guidance on how to do so will be presented at the American Society of Heating, Refrigerating and Air-Conditioning Engineers' (ASHRAE) conference, IAQ 2007 Healthy and Sustainable Buildings, which will be held Oct. 15-17, 2007, at Baltimore's Inner Harbor, Baltimore, Maryland.

"The issues of healthy and sustainable buildings are cyclical and interdependent," Lawrence J. Schoen, P.E., chair of the conference said. "Buildings not only impact the indoor environment but they have an impact on the outside environment. Our goal in creating healthy buildings should be to create indoor environments where people are healthy and productive but that minimize impact on the environment."

The conference will emphasize the measured performance of healthy and sustainable buildings and practical methods for their design, construction, operation and maintenance, according to Schoen.

For more information, contact ASHRAE Technical Services at IAQ2007@ashrae.org or www.iaq2007.org.

March Meeting Memories



Steve Piccolo, President-Elect of the Philadelphia Chapter of ASHRAE, thanks Bernie Griga, Principal , PWI Energy, the after-dinner speaker at the March meeting.



Bernie Griga, Principal , PWI Energy, gave an after-dinner presentation on "Energy Conservation in the Pharmaceutical Industry".

Please help the ASHRAE Research 2005-2006 Fund Drive by filling out this Donor Form and sending it to national headquarters in Atlanta this week. Have you asked your company if they have a matching gift program? Remember every dollar you donate to this worthy cause is doubled by ASHRAE Society! If you have any questions, please contact Steve Ridenour, Research Program Chairman, at steven.ridenour@temple.edu.

ASHRAE RESEARCH - Donor Form Philadelphia Chapter 21 - Region 3

1) Type of Contribution;

☐ Individual

☐ Corporate

☐ Memorial To: _____

Please attach the details for the acknowledgement to, relationship to, and addresses.

2) Level of Contribution;

☐ Golden Circle (\$10,000 and greater)

☐ Research Partner (\$5,000-\$9,999)

☐ Research Associate (\$2,500-\$4,999)

☐ Research Major Donor (\$250-\$2,499)

☐ Research Honor Roll Donor - Individual (\$100-\$249)

☐ Research Honor Roll Donor – Corporate (\$150-\$249)

☐ Research General Donor (Less than \$100 Individual/\$150 Corp.)

3) Method of Payment;

A) Attach Check (Payable to “ASHRAE Research”)

Please note on check “Phila- Chapter 21”

B) Credit Card

☐ O-Visa ☐ O-Master Card ☐ O-AMEX

Date: _____ Signature: _____

Card #: _____ Exp. Date: _____

Note: All contributions are fully deductible under section 170 of the IRS code.

4) Donor Information:

Name: _____

Member # (If ASHRAE member): _____

Corporation Name (If Corp. Donation): _____

Address: _____

Phone : Home: _____ Business: _____

E-Mail: _____

5) Send this completed form to: ASHRAE RESEARCH, 1791 Tullie Circle, NE, Atlanta, GA 30329

!! NEW !! AFFILIATE MEMBERSHIP GRADE

For an Annual Dues of \$40, Applicants under Age 30 can Join ASHRAE at this introductory membership level. Membership tenure in this grade is limited to three (3) years.

Affiliate Members Benefits Affiliate Members receive monthly issues of the ASHRAE Journal and Insights Newsletter. The annual handbook is not a benefit of this grade.

Qualifications

An Affiliate Member shall have the same qualifications as an Associate Member. They are:

1. Experience in technical matters or in design, operation, or maintenance in heating, refrigerating, air conditioning, or ventilating fields.
2. An interest in the in the advancement of the Society's aims.
3. Possess sufficient qualifications to cooperate with heating, refrigerating, air conditioning, or ventilating engineers in the advancement of relating to heating, refrigerating, air conditioning, or ventilating engineering and its application.

Limitations

- You do not receive ASHRAE Handbook with membership. You do not receive *ASHRAE Insights*. You get a one-time discount (20% off) on all Handbook items.
- You can serve on Chapter committees, but cannot hold office or vote at Chapter, Regional or Society level.

Contact For Receiving Application

Go to www.ashrae.org and click on "Join" in the upper right corner. This will take you to a page describing each membership grade, its benefits and qualifications, and a link to membership application forms.

MEMBERSHIP ADVANCEMENT!

Any Associate Member meeting the following requirement can apply for Advancement to the more entitling Member grade. By ASHRAE society definition:

A member shall have the equivalent of twelve society-approved years of experience composed of an approved combination of: (a) completed education beyond high school, (b) work experience, and (c) professional engineering or related registration or license issued by a legally authorized body.

All technical and scientific education shall be based on curricula approved by the Board of Directors.

Approved engineering curricula shall be equivalent to the accredited by the Accreditation Board of Engineering and Technology in the United States of America or the Canadian Engineering Accreditation Board. Scientific education in fields other than engineering shall be from a college or university course of study that has been accredited by an organization charged with monitoring standards of performance. *Society approved years of experience shall be credited as follows:*

One and one-half years of credit for each year of completed education for graduates of approved technical curricula. One year of credit for each year of education for non-graduates who have completed a least two years of approved technical curricula. One year of credit for each year of completed education for graduates of colleges or universities which do not have accreditations. Those holding associated degrees from technical institutions shall also be credited for one year for each year of education.

One year for each year of qualifying work experiences in the performance of duties in work related to ASHRAE fields of interest and shall have included research, teaching, design, contracting, engineering sales or engineering management.

Three years of credit for professional registration of license issued by a legally authorized body in engineering or related fields, the requirements of which as to education, examination, and active practice are satisfactory to the Board of Directors.

More information is available on the ASHRAE website (www.ASHRAE.org) under menu items Membership Resources...Manage Your Membership, the above definition is extracted from such application information in PDF file format. The application can also be filled interactively online. ASHRAE sends members who upgrade a \$20 gift certificate usable at the ASHRAE bookstore or towards ASHRAE membership renewal.



SMCA Education/ Technical Committee

SURVEY

The Education Committee of the Sheet Metal Contractors Association of Philadelphia and Vicinity is planning our annual "Engineer's Night" program. The event will be held on October 5, 2006 at the Rittenhouse. The Committee would like your assistance in planning this year's presentation.

Listed below are the topics we are considering. Please mark and rank (1-5, with one the highest), the programs that YOU WOULD LIKE TO SEE PRESENTED.

Thank you for your help!

- ___ **CHANGE ORDERS**
- ___ **UL APPROVAL OF DUCT STANDARDS**
- ___ **FAN PERFORMANCE**
- ___ **TROUBLESHOOTING SYSTEMS**
- ___ **"VAV" BOXES - SUPPLY, RETURN AND EXHAUST**
- ___ **LEAK TESTING**
- ___ **DESIGN vs. SHOP DRAWINGS**
- ___ **OTHER (please describe):** _____

PLEASE RETURN SURVEY TO:

John Connolly
SMCA of Philadelphia & Vicinity
Phone: 610-828-4055
email: jconnolly@smca.org

2006 Young Engineers Forum – PhiladelphiaSaturday, April 8th, 2006

Drexel University
Bossone Research Enterprise Center
Market Between 31st & 32nd Sts.
Philadelphia, PA 19104

9AM – 3PM: Sign-In & YEF Program

3PM – 5PM: Break & Networking Reception

5PM – 7:30PM: Apprentice Challenge Dinner

* Winners receive CASH and Prizes! *

Bring your resumes and business cards!

— *The President of ASME International, Gene Feigel, will be present! —*
He will serve as one of the discussion panelists.

Guest Speakers

- George Binns (Keynote) – Amtrak
- Jill Anderson – ConED, NY
- Miguel Cortez – J&J

Registration Fee includes *three* full meals: Breakfast, Lunch, *and* Dinner!

	Early Registration (By March 29th)	Late / On-Site Registration
Students	\$10	\$15
Professionals	\$20	\$25

YEF website: www.mem.drexel.edu/asme/YEF.htmOnline RSVP & payment: <http://www.acteva.com/booking.cfm?bevaaid=104258>**About the Program:**

In 1992, the American Society of Mechanical Engineers (ASME) International established the Young Engineers Forum (YEF) to provide student and recent graduate engineers with first hand, “practical” advice on issues relevant to the start of their careers. Professionals in the industry are invited to share their personal experiences and success stories. YEF is a one-day event consisting of lectures and discussion panels. The universities who will be in attendance will be limited to the former region III (PA, DE, MD, NJ, & NY) and will include Drexel, Villanova, Widener, Temple, Rowan, Penn State, University of Maryland, Swarthmore, and many more. We anticipate an attendance of 300.

This year, we will incorporate an “Apprentice Challenge,” which is an engineering competition that consists of business concepts inspired by the show, “The Apprentice.” Teams of 4-5 young engineers will brainstorm solutions to a current problem. They will then market and sell their design idea to the “consumers.” Finally, during dinner (limited RSVPs), the teams will present their findings and the judges will determine the winners of the competition!

This is intended to be a networking opportunity for students and professionals alike. Companies attending will increase their visibility with the ASME community, particularly the young engineers. Local students attending will benefit from meeting various companies and learning about potential co-ops/ careers. Companies are encouraged to bring any brochures or other print material. Students are encouraged to dress professionally and bring resumes.

Questions? We have Answers! Contact Angel Feng, YAF22@drexel.edu, 610-716-7086

DesignPhiladelphia

DesignPhiladelphia Lights Up the City! *A Design Revolution takes place at JFK Plaza*

DesignPhiladelphia will transform the Visitors Center at JFK Plaza from a dormant shell into a high-impact design installation known as the *Design Mothership*. Working in collaboration with Philadelphia-based klip//collective, designPhiladelphia will turn this circular, glass building into a multimedia spectacle, visible to pedestrians and motorists alike. Revolving, synchronized imagery projected onto the windows will give the illusion that the building itself is in motion. Klip//collective is a group of filmmakers, engineers, photographers and interactive artists who transform architectural spaces into immersive visual experiences.

The project will revive this under-utilized asset, turning it into a platform for celebrating the power of design to transform our expectations and alter our perspective.

What to do with this building has been an area for contention between city officials and private concerns for the past six years. While it is centrally located, the Visitors Center doesn't fit the city's historic plans, nor is it shielded from potential demolition by the national historic preservation society. There have been suggestions to tear it down to make way for more accessible food service venues, or perhaps adapting it for bicycle storage use. This is the first time that anyone has suggested using the building itself as a canvas for a public work of design.

Invitation to cover: Friday April 7, 7 pm to 8:30 pm (Meeting at Two Penn Center, Lobby)

Show run: Friday April 7 thru Sunday April 9. 7 pm to 1 am

Where: JFK Visitors Center, 15th and JFK Boulevard

Info: DesignPhiladelphia www.designphiladelphia.org
Klip//collective www.klip.tv

Funding for this initiative comes from the William Penn Foundation. Additional support comes from the Fairmount Park Commission.

Inaugurated in Spring 2005, DesignPhiladelphia returns for its second year. This citywide cultural initiative recognizes this region's distinguished design history and celebrates its contemporary significance as a center for advancement in the design disciplines. From April 1 to April 9, 2006, diverse and dynamic exhibitions, lectures, gallery tours, book signings, parties and workshops will ignite the city's design energy. DesignPhiladelphia is administered by The Design center at Philadelphia University.

For more information: Hilary Jay, Co-founder , 215-951-2863, Jayh@philau.edu

DesignPhiladelphia

Philadelphia's Citywide Design Initiative in Full Swing for Spring

March, 2006 – Philadelphia is hot! The current and unprecedented revitalization of the city has inspired regional and national interest in Philadelphia's creative economy and design disciplines. To satisfy this interest, DesignPhiladelphia returns for the second year. This citywide cultural initiative recognizes this region's distinguished design history and celebrates its contemporary significance as an important international center for advancement in the design disciplines. From April 1 to April 9, 2006, the city of Philadelphia will become an arena of design with exhibitions, lectures, gallery tours, book signings, parties and workshops all taking place under the DesignPhiladelphia banner.

The design celebration is comprised of multiple events. One of the featured event is a multidisciplinary design Exhibition and Symposium entitled *Emerging Neighborhoods, Emerging Design*. The exhibition unites seven Philadelphia college-level design schools and includes proposals and projects that offer progressive and innovative design solutions addressing life in contemporary Philadelphia. Informed by the city's past as much as by the present, these solutions will intersect modern ideas with historical accomplishments in keeping with this year's theme. The seven participating schools and the specific design disciplines represented in this exhibition include:

- Art Institute of Philadelphia (fashion design)
- Drexel University (design & merchandising)
- Moore College of Art and Design (interior design)
- Philadelphia University (product design)
- Temple University/Tyler School of Art (architecture)
- The University of the Arts (interactive media)
- University of Pennsylvania (graphic design)

The symposium, at the Marketplace Design Center on Thursday April 6, features a panel discussion by noted Philadelphians who are dynamically altering the landscape of Philadelphia through design initiatives at the neighborhood level. The panelists are: Omar Blaik, Senior Vice President of Facilities and Real Estate, University of Pennsylvania; Bennur Koksuz, AICP, Director of Urban Design Division, Philadelphia City Planning Commission; Tim McDonald, Architect and Developer, Onionflats; and Jerome Shabazz, Executive Director of JASTECH Development Services, Inc. The panel will be moderated Chris Satullo, Editorial Page Editor, *Philadelphia Inquirer*.

This year DesignPhiladelphia will create The Design Mothership, a high-impact design installation in the former Visitor Center building at JFK Plaza. Created in collaboration with Philadelphia's klip//collective, the project will turn this dormant, circular, glass building into a multimedia spectacular, visible to pedestrians and motorists alike. Revolving, synchronized imagery projected onto the windows will give the illusion that the building itself is in motion. The project will revive this under-utilized asset, turning it into a platform for celebrating the power of design to transform our expectations.

DesignPhiladelphia 2006 also features exhibitions and cultural programming, all taking place April 1-9, 2006, at cultural and academic institutions around the city. Participants include: The Philadelphia

Museum of Art, Philadelphia International Airport, Ed Bacon Foundation, Pennsylvania Academy of the Fine Arts, Pennsylvania Planning Association Southeast Chapter, The Design Center at Philadelphia University, American institute of Architects Philadelphia Chapter, InLiquid, among others.

Additionally, there will be workshop demonstrations, lectures, openings and book signings at Philadelphia design-oriented boutiques, galleries and design firms. DesignPhiladelphia is collaborating with Electronic Ink, Red Tettemer, Float, Josh Owen, Minima, Snyderman & Works Galleries, Foster's Urban Homeware, Bresslergroup, Design Science, Design Within Reach, Jon Wagner Architects, Moderne, Biello Studio, and more.

DesignPhiladelphia would like to gratefully acknowledge our Presenting Sponsor, The Design Center at Philadelphia University, as well as other supporters including: Media Sponsors, Philadelphia Magazine and Campus Philly; Educational Sponsors Lisa Roberts & David Seltzer and the Marketplace Design Center; Design Sponsors Polite Design Inc. and Studio Z. Additional funding or services have come from InLiquid.com, Greater Philadelphia Cultural Alliance, Calderwood Gallery, and the Fairmount Park Commission.

DesignPhiladelphia is directed by Hilary Jay (director, The Design Center at Philadelphia University) and Jamer Hunt (director, Graduate Program in Industrial Design, The University of the Arts). It is administered through The Design Center at Philadelphia University.

DesignPhiladelphia is a catalyst for advancing the public's awareness of design exploration and innovation in or about this city. To realize this effort, DesignPhiladelphia creates opportunities to enhance the public's appreciation of the design disciplines. The mission of DesignPhiladelphia is to unite the diverse design communities within the Philadelphia region through multidisciplinary design projects, exhibitions, and events.

For up-to-date event information, visit our Web site www.designphiladelphia.org.

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For more information, contact Hilary Jay, co-founder of DesignPhiladelphia and director of The Design Center at Philadelphia University. (215) 951-2863 or jayh@philau.edu.

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