



# NorthEastAire

ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineers  
Boston Chapter, Region 1 www.ashraeboston.org

XXXXV No. 62

October 2007

Editor: Teri Shannon TEL: 207-985-0873

## 2007 - 2008 Officers



Steve Rosen,  
*President*



Jeff Schultz,  
*President-Elect*



Bryan Hermanny,  
*Vice-President*



Bill Garvey,  
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Pat Duffy,  
*Secretary*



## MAIN MEETING

### Fuel Cells in the USA

Featured Speaker: Jim Horwitz

The presentation will begin with a brief history of fuel cells from 1839 through Apollo 13 to the present, with an explanation of the basic technology and their current and proposed applications such as commercial and industrial co- and tri-generation. This will include an industry glossary and an explosion of myths. There will be a look at real markets throughout the world, and potential penetration of fuel cells. The role of HVAC expertise in fuel cells installed for distributed generation of power and/or combined heat and power will be highlighted. Despite the lack of support for fuel cells by the US government (as compared to Kyoto signatory countries), fuel cells have finally been recognized by the USGBC as a significant step to LEED certification. The focus will be on some actual installations and developers in NY and New England which serve to foreshadow real excitement in clean and green energy production.

### Meet the Speaker

Jim is a graduate of Caltech in math, plus two years of Feynman Physics. He continued on to U. of Michigan Business School and Rackham Graduate School studying Actuarial Science and Mathematics. Jim joined Emerging Energy Research, Cambridge, MA, in 2005 as consulting Senior Researcher leading the Hydrogen and Fuel Cell Advisory Service. With EER, has produced numerous short publications on the global fuel cell industry and a longer market study on stationary fuel cells in Japan, with overall focus on commercialization of fuel cell technology involving no geographic bias. He has delivered presentations at Fuel Cell 2006 in Raleigh-Durham, Fuel Cell Seminar in Honolulu (Nov. 2006), the NHA Annual Hydrogen Conference in San Antonio (March, 2007), and the Canadian Hydrogen and Fuel Cell Conference in Vancouver (May 2007). Most recently he delivered two presentations at Fuel Cell 2007 conference in Rochester, NY (June 2007) including the Keynote Presentation.

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**DATE:** Tues., October 9, 2007

**MEETING MANAGER:** Jim Shiminski

**MEETING PLACE:** DoubleTree, Waltham

**TIME:** 5:30 - 6:00 p.m. - Social half hour  
6:00 - 7:00 p.m. - Dinner  
7:00 - 8:00 p.m. - Main Program

<b>COST: Members that RSVP</b>	<b>\$30.00</b>
Members that do not RSVP	\$40.00
Non-Members	\$40.00
Students	Free

**DIRECTIONS:** Rt. 128S to Winter St. Ext. (27B), head west off the exit. Turn left at the bottom of the hill onto Second Ave. Double-Tree Hotel is the first driveway on the left.

**RSVP: Chris Kerr - [ckerr@sebesta.com](mailto:ckerr@sebesta.com) by Fri., Oct. 5**



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## PRESIDENT'S MESSAGE

By Steve Rosen

Our September meeting was a great success with over 90 people attending the tours with the building engineers to view the mechanical & refrigeration systems at the TD Banknorth Garden. Thanks to all who helped with the planning, especially to our Meeting Manager, Teri Shannon, and Thomas A. Demanche, the Senior Manager, Facilities and Operations TD Banknorth Garden. If anyone has any questions that were not answered, Tom has graciously agreed to receive those questions via e-mail at [TDEMANCHE@dncboston.com](mailto:TDEMANCHE@dncboston.com)

It was great for me to meet and talk with so many of our members last month! Please come to more meetings!

Our October meeting is back to our historically second Tuesday of the month, so that next meeting is coming up quickly.

Please come to the Doubletree in Waltham on October 9<sup>th</sup> for a meeting on Fuel Cells that will be presented by Jim Horwitz. Please see further details in the newsletter.

Please RSVP to Chris Kerr as soon as you can to ensure your attendance. I hope to see you all there!!!

Please feel free to send me e-mail at any time to express any comments, concerns or requests of your ASHRAE Chapter to [Steven.rosen@autodesk.com](mailto:Steven.rosen@autodesk.com)

*Cheers!*

*Steve*



## Editor's Note

By Teri Shannon

Materials for the November newsletter are due **October 16**.

Employment / want ads may be submitted; they need to be in Word format. A company logo (in .gif or .jpg format) may be included.

For more information, please call or e-mail me at 207-985-0873 or [tshannon@dac-hvac.com](mailto:tshannon@dac-hvac.com). You can also visit the Boston Chapter website at [www.ashraeboston.org/committees/northeastaire.html](http://www.ashraeboston.org/committees/northeastaire.html)

## **ASHRAE Region 1 Executive Committee 2007 - 2008**

- DRC - Director & Regional Chair:** Garry Myers, Flack & Kurtz Inc.  
Ph: 212-951-2815  
[Garry.Myers@ny.fk.com](mailto:Garry.Myers@ny.fk.com)
- ARC - Assistant Regional Chair & Treasurer:** Spencer Morasch, Jersey Central Power Light  
Ph: 732-212-4133  
[smorasch@firstenergycorp.com](mailto:smorasch@firstenergycorp.com)
- Nominating Committee Member:** Emery Otruba  
Ph: 518-320-4682  
[eotruba@verizon.net](mailto:eotruba@verizon.net)
- Nominating Committee Alternate:** Cliff Konitz  
Ph: 845-297-5864  
[c.konitz@verizon.net](mailto:c.konitz@verizon.net)
- RVC Membership Promotion:** Joseph Furman, Belimo Americas  
Ph: 203-749-3163  
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- RVC Research Promotion:** Ron Swarthout  
Ph: 607-754-7590  
[rwswarthou@cs.com](mailto:rwswarthou@cs.com)
- RVC Chapter Technology Transfer:** Lee Loomis  
Ph: 585-248-0219  
[leeloom@aol.com](mailto:leeloom@aol.com)
- RVC Student Activities:** Richard Vehlow, NYS Office of General Services  
Ph: 518-486-1510  
[Rev1969@gmail.com](mailto:Rev1969@gmail.com)
- Regional Chapter Programs:** Peter Oppelt, R.F. Peck  
Ph: 585-697-0836 x103  
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- Regional Refrigeration Chair:** Wayne Vanasse, ARC Mechanical Contractors  
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- Regional Historian:** Phil Knowlton, Knowlton Associates  
Ph: 860-642-3970  
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- Director of Member Services:** Carolyn Kettering, ASHRAE  
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- Director of Communications & Publications:** Jodi Dunlop, ASHRAE  
Ph: 404-636-8400  
[jdunlop@ashrae.org](mailto:jdunlop@ashrae.org)



## Research Promotion

By Darcy Carbone

### **ASHRAE Research Vision**

ASHRAE will conduct timely research to remain the foremost, authoritative, and responsive international source of technical and educational information, standards and guides on the interaction between people and the indoor and outdoor environment through the operation of HVAC&R systems in buildings and other applications.

### **ASHRAE Research Strategic Plan**

The ASHRAE Research Strategic Plan centers on the concept of Sustainability. The world has finite resources, and so it is essential to effectively utilize those resources to accomplish the mission of ASHRAE. Sustainability is the concept of maximizing the effectiveness of resource use while minimizing the impact of that use on the environment. In terms of the thrust of ASHRAE activities, measures that reduce energy use should additionally minimize the negative impacts of carbon and other emissions, ozone depletion, noise, and other detrimental effects. The Research Plan that resulted from this consideration is based on five broad, far reaching Research Opportunity Themes:

- ♦ Energy & Resources
- ♦ Indoor Environmental Quality
- ♦ Tools and Applications
- ♦ Equipment, Components, and Materials
- ♦ Education and Outreach

Specific goals for each of these Research Opportunity Themes were developed. These goals are outcomes-based, which means that rather than specifying the type of research that should be conducted, the outcomes in terms of performance are specified. This outcomes approach will provide flexibility and encourage innovation in research. Many of the goals are measurable, which means that progress toward reaching the goals can be determined to assess the success of the research.

Each of the Research Opportunity Themes has under it a number of topical areas and example projects that could be undertaken to meet the goals. These lists are neither exclusive nor all-inclusive. The topics listed are intended to provide the TC/TGs with examples of research that might be undertaken to meet the Goals. It is expected that in proposing a research project, the TC/TGs will demonstrate the degree to which the project will go toward achieving the outcomes of the goals.

There is clearly overlap between the Research Opportunity Themes and the Goals. The nature of ASHRAE and the research that is conducted is that a relevant project cross-cuts several themes. The themes are convenient labels to describe the emphasis of a given project but it is expected that most research projects will help advance the goals of more than one theme.

A list of potential partners is given for each of the Research Opportunity Themes. These organizations often conduct research that is complementary to a proposed ASHRAE project, and coordination with their research efforts is appropriate. This list is intended to help the TC/TGs identify those other organizations that could be interested in collaboration through financial and/or technical support.

To read more information please go to [www.ashrae.org](http://www.ashrae.org)

Please send comments and suggestions to Mike Vaughn, ASHRAE manager of research and technical services, at [MORTS@ashrae.net](mailto:MORTS@ashrae.net)

Source - <http://www.ashrae.org/technology/page/39>

**ATTENDANCE**

The Boston Chapter of ASHRAE -  
September 2007 Meeting  
Had 92 in attendance:

82 ASHRAE Members  
3 Non-Members  
7 Students

## Upcoming Events

- **23rd Annual Build Boston**  
When: November 13 - 15, 2007  
Where: Seaport World Trade Center, Boston  
FMI: [www.buildboston.com/home.asp](http://www.buildboston.com/home.asp)
- **AHR Winter Expo**  
When: January 22 - 24, 2008  
Where: New York, NY  
FMI: [www.ashrae.org/events](http://www.ashrae.org/events)
- **Boston Chapter Product Show**  
When: April 15, 2008  
Where: Lantana's, Randolph, MH  
FMI: Jeff Schultz, [jhs@brplusa.com](mailto:jhs@brplusa.com)
- All Boston Chapter members are encouraged to attend any or all of these meetings.



**Boston ASHRAE  
Sustainability  
Committee (BASC)**



*By Jim Shiminski & Fran Boucher*

**Take the LEAD in LEED!**

There is a definitive plan for there to be a member driven USGBC affiliate chapter in Massachusetts. Currently it is run by the Green Round Table organization which has a number of other of separate though related commitments and interests. Nominations for officers for the new leadership of this organization are open between now and October 10th. If you are interested in being an officer or a member of this organization, information is available at <http://mass-affiliate.obiki.org/index.html>. Membership is free for this first year.

Through my participation in their efforts to date, I can see there is a lot of great energy in the group and a well balanced distribution of participants across all age groups, notably including a lot of young professionals. At the same time, it seems apparent that the engineering community is rather lightly represented, so your participation is needed to assure our interests are reflected in the group's work.

Please contact Fran Boucher for more information - [francis.boucher@us.ngrid.com](mailto:francis.boucher@us.ngrid.com)

**Build Boston 2007**

The Boston ASHRAE Sustainability Committee will be offering the following program as part of Build Boston 2007 at the Seaport World Trade Center:

***A83 Sustainable Design Barriers -  
The Tough Questions and Real Answers***

Tuesday, November 13, 2007 6:00 - 7:30 pm

- ♦ William Ronco Ph.D (moderator), Gathering Pace Consulting, Bedford, MA
- ♦ Mark Warren LEED AP, SEi Companies, Boston
- ♦ Fran Boucher CEM, LEED AP, National Grid, Northborough, MA
- ♦ Samuel Nutter, Massachusetts Technology Collaborative, Westboro, MA
- ♦ James Shiminski PE, DAC Sales, Portland, ME

Please feel free to follow up with a committee member for further details.



**Sr. HVAC Engineer**

One of CT's leading Consulting Engineering Firms is looking for Sr. HVAC Engineers for their Farmington CT office.

van Zelm is a multi-disciplined firm with 75 years experience in providing engineering services on some of the most challenging projects including University, Health Care, Labs, Power and Utility and LEED-certified buildings, not to mention commissioning services.

We provide a great working environment with an opportunity for growth. Competitive benefits package incl. 401k, medical/dental w/generous company contribution and relocation assistance.

10+ years experience, PE preferred, but not mandatory. A great attitude and the ability to visualize and interpret drawings, strong problem solving ability and be able to work within team atmosphere is necessary.

Please send your resume to:

[hrdept@vanzelm.com](mailto:hrdept@vanzelm.com)

Fax: 860-284-5098

**GreenBits Blog Provides Insight Into  
Building Industry Trends and ASHRAE**

ATLANTA - Kent Peterson juggles many roles these days: president of ASHRAE, husband and father, business owner and engineer. Now, he is adding one more item to that tidy list-blogger.

In a new blog from the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Peterson shares information about ASHRAE happenings and industry trends from his perspective as president of the Society. Titled GreenBits, the blog can be found at [www.ashrae.org/blog](http://www.ashrae.org/blog).

"The construction industry is rapidly evolving with new technologies adapted to a varied array of building services," Peterson says. "As I travel to various events as ASHRAE president globally, I hope to share my perspective on how our industry is meeting sustainability challenges in the built environment and how ASHRAE members worldwide are contributing. It also provides ASHRAE members with an opportunity to comment on our progress."

Updated weekly, GreenBits also has its own RSS feed for easy access to the latest posts and reader comments. To subscribe to the feed, visit the blog and click on the RSS link on the left column.



## **CCTC - TEGA Article**

*By Darcy Carbone*

### **Natural Ventilation Highlighted In ASHRAE IAQ 2007 Workshop**

Natural ventilation has been promoted as a cure-all to reduce cost and energy consumption and to improve indoor air quality and occupant comfort. The reality of natural ventilation, however, is more complicated.

A workshop discussing the design and performance of natural systems will be featured at ASHRAE's IAQ 2007: Healthy and Sustainable Buildings conference, Baltimore, Oct. 14-17.

In the workshop, What's So Great About Natural Ventilation, Steve Emmerich and Andy Persily, both with the National Institute of Standards and Technology, will discuss how natural ventilation systems relate to existing ventilation, thermal comfort and energy standards, and present experiences in Europe and Asia along with actual performance measurements. Other IAQ 2007 speakers on natural ventilation will join the workshop for a panel discussion on the topic.

"The design of natural ventilation systems for air distribution and reliability of ventilation rates over a range of weather conditions is more complex than many designers realize," said Emmerich. "Also, issues of outdoor air quality, including moisture impacts, are not always addressed in system design."

Limited data is available on the performance of these systems in terms of outdoor air ventilation rates, thermal comfort parameters and indoor pollutant levels, according to Emmerich.

Other workshops at IAQ 2007 are:

- Development of an Advanced IAQ Design Guide, presented by Andy Persily, chair of ASHRAE's Advanced IAQ Design Guide Steering Committee;
- How to Produce, Label, and Select Sustainable Green Building Products, Bob Thompson, U.S. Environmental Protection Agency (EPA);
- Ozone and Implications Within the Indoor Environment, Charles Weschler, University of Medicine and Dentistry of New Jersey; and
- EPA's Building Assessment Survey and Evaluation Study (BASE): Lessons Learned, John Girman, EPA.

For complete conference information, visit [www.IAQ2007.org](http://www.IAQ2007.org).

*Source - ASRHAE Insights*

## **Boston ASHRAE Continuing Education**

*By Steve Bosland*

All of us have needs for continuing education; some of us maintain licenses in states other than Massachusetts while others strive to stay current in the world of HVAC and Engineering. Since Enrique de los Reyes began the program to receive continuing education credits from The Practicing Institute of Engineering, Inc. (PIE) we have issued hundreds of certificates.

In order to obtain the education certificates, ASHRAE Boston submits our monthly meeting speaker biographies, program outlines and PowerPoint program copies for review to the PIE. They review the documentation and based on the speaker and content, may agree to provide a number of professional development hours (PDH's). Their approval and hours of PDH's are based on the level of engineering that the program contains and the length of the presentation. In order for our members/guests to participate in the PDH's they need to attend the program and make sure to sign in. Once the program is over the sign in sheet is sent to the PIE and certificates are then distributed within a few weeks of the program.

Check our website ([www.ashraeboston.org](http://www.ashraeboston.org)) to see the list of programs we are planning to seek PIE certificates for this coming year. Also, if there are specific programs that you would like to see or recommend, please let either myself or one of the other board members know.

### **PDH CREDIT REMINDER**

- Attendees wishing to receive PDH credits must present a business card at the meetings
- Members may receive PDH credits at no additional cost
- Non-members may receive PDH credits for a \$15 fee

### **ASPE Boston Chapter Biennial Product Expo**

WHEN: November 13

WHERE: Lantana's, Randolph, MA

Exhibits: 90 exhibitors/ manufactures showing the latest offerings in the plumbing industry. Exhibit times are 3:00 - 8:00 pm

Seminars: One full day seminar on High Rise Plumbing Systems Design (8:00 am - 3:30 pm); several short forum sessions starting at 2:00 pm. Topics include: High Efficiency Boilers, CPVC Water System Applications, Metering Options for Water and Gas, Oil / Gasoline interceptors for Garages

For more information or to register for a seminar, RSVP Kevin Lally ([kwl@eldaar-craftdesign.com](mailto:kwl@eldaar-craftdesign.com)) or Jeff Gooding ([jgooding@goodingd.com](mailto:jgooding@goodingd.com)). There will be a charge for the all day session.



## Membership Promotion

*By Dan Cooke*

The ASHRAE Society website ([www.ashrae.org](http://www.ashrae.org)) has an interactive section for applying for membership grade advancement. Hard copies of advancement applications can be downloaded from the website, and are also available at the sign-in table at each chapter meeting.

The requirements for advancement are that a Member have the equivalent of 12 Society-approved years of experience composed of an approved combination of: 1) completed education beyond high school; 2) work experience; and 3) professional engineering or related registration or license issued by a legally authorized body.

If you have been working in the HVAC industry for several years and are designated as an Associate Member, you may be eligible for advancement to Member grade. Any licensed PE's who are still at the Associate grade level should upgrade.

Please feel free to contact me with any questions at [dcooke@rdkengineers.com](mailto:dcooke@rdkengineers.com).



## Student Activities

*By Joshua Benoist*

The Boston Chapter is currently looking to expand our Student Chapter branches. We'd like to increase the amount of colleges involved, and we really should be able to gain more based on the amount of engineering colleges out there. If any member has attended one of these local engineering colleges and would like to help, or give a point of contact, we'd like to form relationships between the Chapter and these Colleges. Please feel free to contact us at [Joshua.Benoist@Autodesk.com](mailto:Joshua.Benoist@Autodesk.com).

We have also begun research for what the Student Branches may be looking for from the Boston Chapter itself (what the Chapter can do for the College). Any info would be greatly appreciated.

We have been in touch with Nick Gayeski, President of the MIT Student Chapter. He is looking to beef up their presence and develop more activities for their chapter. He has mentioned: "On campus we are working a little with facilities to do some freshman orientation on building energy consumption and develop a library of catalogues and standards. I'm also interested in organizing tours of central plants, air-side systems, and other relevant systems in innovative buildings and plants around Boston. I'm hoping that the Boston chapter can help me set that up by connecting me with people willing to lead such tours." If you know of anyone or are willing to help out, please contact me at [Joshua.Benoist@autodesk.com](mailto:Joshua.Benoist@autodesk.com). I will put us in touch. Let's put our resources together and see what we can do for Nick!

We want to make our members aware of the following link to get a presentation for showing to potential student chapter members:

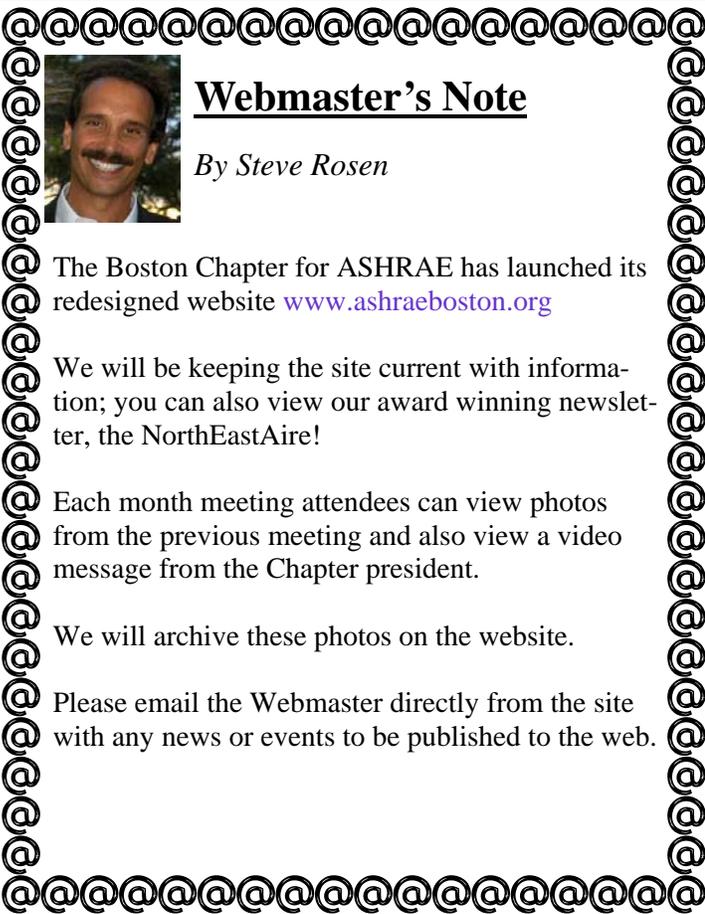
<http://www.ashrae.org/publications/page/697>

This Power Point presentation is designed to assist persons involved in ASHRAE Student Activities at the Student Branch, Local Chapter, and Region levels to:

- Share information about ASHRAE student membership in order to recruit new members at institutions where there are existing ASHRAE Student Branches, and to
- Share information with students and college representatives who are new to ASHRAE.

We also want to mention this coming year the Winter Meeting is in NYC - students (who get in free) have a great opportunity to attend!

Please spread the word.



## Webmaster's Note

*By Steve Rosen*

The Boston Chapter for ASHRAE has launched its redesigned website [www.ashraeboston.org](http://www.ashraeboston.org)

We will be keeping the site current with information; you can also view our award winning newsletter, the NorthEastAire!

Each month meeting attendees can view photos from the previous meeting and also view a video message from the Chapter president.

We will archive these photos on the website.

Please email the Webmaster directly from the site with any news or events to be published to the web.



## What's New in our Chapter

By Pat Duffy

Meeting Minutes of the Board of Governor's  
September 25, 2007 Meeting

Each and every month the Board of Governors have a meeting before the technical meeting to discuss the inner-workings of our Chapter. Many members wonder what's new, what's being discussed, and what's being done to make our chapter better.

Below is a quick summary of what was discussed:

### ASHRAE Research Promotion

The Boston Chapter of ASHRAE will be going after the "Full Circle Award" once again this year. This award is given to a Chapter when each Chapter Officer donates \$100 or more towards ASHRAE Research Promotion.

### Chapter Website

The Chapter now has a new-revamped website to help keep chapter members up to date on chapter news and events. If your company would like to place an ad on the website, it can for the ad price of \$300.

### This Year's Meetings

Anyone interested in seeing what the 2007-2008 season has in store, please check out the Events Calendar on the Chapter Website for additional information. All Board of Governor's meetings are going to remain at 4:30pm the day of the meeting.

### Product Show 2008

The Bi-annual Boston Chapter Product Show will once again be held on April 15<sup>th</sup> at Lantana's. There will be (8) seminars held the majority of which will offer PDH credits. If you would like to reserve a table the fee is \$875 per booth. Jeff Schultz will once again be running the product show, and you can contact him at anytime to reserve a table.

### Membership

Our Membership Chair wanted to remind all members to make sure their dues are paid up in full. Unsure as to whether you are up-to-date or not? Please be sure to check Society's website [www.ashrae.org](http://www.ashrae.org) or contact our Membership Chairperson Dan Cooke for more membership information.

### Roster & Product Guide

The Roster and Product guide will be distributed in the next month. Cheryl Rossini has once again put in a large effort to put together a great guide. If you are interested in helping out for the mailing, or if you have any questions, please contact Cheryl Rossini.

### Student Activities

Joshua Benoist is working on developing additional student chapters at colleges and universities in Massachusetts. He is striving to continue to expand the student involvement in ASHRAE, so that the next generation of engineers can be engaged at an early point in their development.

See you at the next meeting!



Remember to set you clocks back one hour on November 4!

Beginning this year, Daylight Savings Time now ends on the first Sunday in November.

### **Presidential Award of Excellence**

**Boston Chapter - 2007 - 2008**

Chapter Members	Membership Promotion Points	Student Activities Points	Research Promotion Points	History Points	Chapter Organization Points	Chapter Technology Transfer Points	Chapter PAOE Point Totals
911	0	0	0	0	0	0	0

# SOCIETY NEWS

## New Ethics Code, Plus Enforcement

New procedures to uphold and defend ASHRAE's newly revised Code of Ethics are now in place.

The Board of Directors approved the procedures and the code, which is a revision of the earlier version, last amended in 1986. Member input into the latest revision was sought via the ASHRAE Web site.

"ASHRAE is responding to the strong movement in the construction and engineering professions to review and clarify the Code of Ethics," said Lynn Bellenger, Fellow ASHRAE, who chaired an ad hoc committee overseeing the revision. "The code recognizes that ASHRAE is a professional society writing technical guidance for members engaged in multidisciplinary activities. Through our revised code, ASHRAE promotes the highest levels of excellence and good practice in defining and applying knowledge and respects the competitive basis of our members. Our members are expected to commit themselves to the code."

According to Bellenger, the new procedures include a formal written complaint process allowing members to request that the Board of Directors investigate a breach of ethics by a member. The Board could censure, warn, suspend or expel a member if he or she is found to have violated the code.

### ASHRAE Code of Ethics

As members of ASHRAE, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct.

- ◆ Efforts of the Society, its members, and its bodies shall be directed at all times to enhancing the public health, safety and welfare.
- ◆ Members and organized bodies of the Society shall be good stewards of the world's resources including energy, natural, human and financial resources.
- ◆ Our products and services shall be offered only in areas where our competence and expertise can satisfy the public need.
- ◆ We shall act with care and competence in all activities, using and developing up to date knowledge and skills.
- ◆ We shall avoid real or perceived conflicts of interest whenever possible, and disclose them to affected parties when they do exist.
- ◆ The confidentiality of business affairs, proprietary information, intellectual property, procedures, and restricted Society discussions and materials shall be respected.
- ◆ Each member is expected and encouraged to be committed to the code of ethics of his or her own professional or trade association in their nation and area of work.
- ◆ Activities crossing national and cultural boundaries shall respect the ethical codes of the seat of the principal activity.

Source: ASHRAE Insights



## Historian's Column

By Jim Liston

### Call for Historical Items

The Boston Chapter of ASHRAE is seeking items of historical importance to the Chapter. These items can include: old American Society of Heating and Ventilating Engineers (ASHVE), American Society of Heating and Air-Conditioning Engineers (ASHAE) and the American Society of Refrigerating Engineers (ASRE) or ASHRAE handbooks or documents; old photographs of HVAC systems; textbooks; design manuals or guidelines; manufacturers equipment catalogs; etc. We would be interested in examining and cataloging these items, and possibly adding these items to our archive; otherwise, we would be interested in having archive quality reproductions made.

In addition, The Chapter is very interesting in hearing from anyone having information regarding locations of old heating, air-conditioning and ventilating equipment. Examples include (but by no means are limited to): old boilers (horizontal return tube (HRT), steel firebox or fire-tube, or cast iron sectional); old ventilating fans (especially those still utilizing leather drive belts); DC powered chillers or old cooling systems installations; etc. We would be interested in documenting and photographing these installations, so that they can be added to the chapter historical record.

If you have any items that you think may be of historical value to the Chapter, or if you know of a historically significant equipment installation, please contact me at [jliston@berry.com](mailto:jliston@berry.com).

### Attention Members:

Just a reminder that all members that reserve a spot for the monthly meeting will be responsible for that reserved space. Members have until 12:00 pm the day of the RSVP deadline to cancel their meeting reservation. Failure to comply with this rule will result in the attendee being responsible for the payment of that reservation.

ASHRAE Boston Chapter Officers

# Boston ASHRAE 2007 - 2008 Meeting Schedule

Date	Main Program	Speaker	PDH Credits	Meeting Manager	Location
<b>September</b> Tuesday, September 25, 2007	Opening Meeting!! Join us for a tour of the TD Banknorth Garden	N/A	N/A	Teri Shannon  tshannon@dac-hvac.com	TD Banknorth Garden - Boston
<b>October</b> Tuesday, October 9, 2007	Fuel Cells  Research & Promotion Night	Jim Horwitz	Pending	Jim Shiminski  jshiminski@dac-hvac.com	Doubletree - Waltham
<b>November</b> Tuesday, November 13, 2007	Mechanical Design for Green Buildings  AEE Joint Meeting / Student Night	Thomas Lawrence, Ph.D., P.E. - Distinguished Lecturer	Pending	Enrique de los Reyes  er@energysystemsdesign.com	Doubletree - Waltham
<b>December</b> Tuesday, December 11, 2007	Efficient Chillers & Pumping Stations  ASPE Joint Meeting	TBD	Pending	Fran Boucher  francis.boucher@us.ngrid.com	Lantanas - Randolph
<b>January</b> Tuesday, January 8, 2008	SPC 189  IES Joint Meeting / Past Presidents Night	TBD	Pending	Bryan Hermann  bmh@brplusa.com	Doubletree - Waltham
<b>February</b> Tuesday, February 12, 2008	BIM (Building Information Modeling)  Green Roundtable Joint Meeting / Research & Promotion Night	TBD	Pending	Steve Bosland  sbosland@eypae.com	Doubletree - Waltham
<b>March</b> Tuesday, March 11, 2008	LEED in Boston  History Night	Jim Hunt, Office of Mayor Thomas Menino	Pending	Jim Shiminski  jshiminski@dac-hvac.com	Doubletree - Waltham
<b>April</b> Tuesday, April 15, 2008	Product Show	N/A	Pending	Jeff Schultz, Bill Garvey  jhs@brplusa.com, bgarvey@seicompanies.com	Lantanas - Randolph
<b>May</b> Tuesday, May 13, 2008	Installation of Officers	N/A	N/A	Jeff Schultz  jhs@brplusa.com	TBD
<b>June</b> Monday, June 2, 2008	Golf Outing	N/A	N/A	Bill Garvey  bgarvey@seicompanies.com	Poquoy & Halifax Country Clubs

2007 - 2008

## BOSTON CHAPTER OFFICERS, BOARD OF GOVERNORS & CHAIRPERSONS

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