The President’s Message

First of all, I want to thank Joe Myers from Milwaukee Valves for an interesting and informative presentation on valve applications. There was a lively question and answer session afterwards, even though the SU vs UCONN basketball game was going on at the same time.

We also had a visit from two members of the SU Student Branch (Enrica Galasso and Tim Castelein) who told us about an event they are holding on campus to discuss careers in the HVACR industry. I want to thank the Chapter members that volunteered to attend the SU Event and talk to the students about their careers.

March is History Month and the dinner will be sponsored by Carrier. We will have a display of historical items that Paul Britton has held on to during his 20 year tenure as Chapter Historian and we have invited Paul to attend to thank him for his years of service to the Chapter and the Society.

After dinner there will be a technical presentation on Displacement Ventilation by Jerry Sipes, PhD, P.E., an ASHRAE Distinguished Lecturer. The presentation has been approved for 1 PDH.

I hope to see you in the 13th.

Respectfully,
Bill Walter, President

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March 13, 2013

Program: ASHRAE Distinguished Lecturer – Jerry Sipes, PhD, P.E.
Tour Location: DoubleTree Hotel
Time: 4:30 PM BOG
5:30 PM General Mtg.
Cost: $30
Reservations: Sign up now on our website: ashraecn.org or contact Don Howell: dhowell@ramtechengineers.com: 315-463-7716

We have a new website address: ashraecn.org, this can be used to make reservations and chapter information.

Statements made in this publication are not expressions of the Society or of the chapter and may not be reproduced without special permission of the chapter.
Thursday February 21, 2013

Historian – Report for: March meeting newsletter

Capture the following pictures from our last meeting on Valve Applications by Joe Myers from Milwaukee Valves.

Next meeting will be a special meeting and we will be honoring one of our members.

If you have any important news related to our chapter or any of its members, please forward the information to me via email to Assis M. Flores at email address: assis.m.flores@jci.com. If you need to talk to me on my cell phone: (315)481-4075.

I look forward to seeing you at our regular monthly meetings.

Assis M. Flores – Chapter Historian
Support Research Promotion & ASHRAE Foundation by Creating a Research Endowment in Your Name!

- Ideal way to secure an Honor Roll Level contribution into perpetuity – a set 5% annually.
- Excellent way to put your chapter’s large treasury to work!
- Minimum Contribution of $2,500 for individuals & chapters!

What is a Research Endowment?
An endowment is a fund created by your gift and housed within ASHRAE Foundation. The Foundation invests the money contributed and guarantees a set 5% annual return, beginning one year after the initial gift into perpetuity. At the end of the year, ASHRAE Foundation will transfer the 5% earnings from your Research Endowment to the current year’s RP Campaign. Though you won’t receive tax credit for the 5% disbursement, you will receive recognition for the gift made in your name and it will count toward your chapter and region’s RP goals every year! What better way to ensure your continued support of ASHRAE’s Research Promotion Campaign forever!

Examples
You’re a long-time investor of Research and would like to ensure that your support continues after you are no longer an active Member. Instead of your traditional annual gift, consider making a one-time gift of at least $2,500. This way...

- You receive the initial tax credit for the donation and recognition as a $2,500 donor this year.
- Your chapter receives credit for the $2,500 initial contribution toward their RP Campaign goal.
- A gift of $125 (or 5% of the gift) will be donated in your name by ASHRAE Foundation to Research, ensuring that Research and your Chapter support is continued into perpetuity.

You and fellow Members have collected $5,000 in honor of another Member’s lifetime service to ASHRAE. Instead of making a one-time contribution, make a $5,000 Research Endowed Contribution in the Member’s name to ASHRAE Foundation. This way...

- Your Chapter receives credit for $5,000 toward this year’s RP Campaign and 5% ($250) every year after in honor of the chapter member.
- The member in the honorarium will be listed in the Honor Roll under the Memorials/Honorariums section.
- Every year following, into perpetuity, the fund established in the member’s name will be listed at the honor Roll level in the annual Honor Roll.

If you would like more information about the ASHRAE Foundation, please contact Margaret Smith, Foundation Manager direct 678-539-1201 or email msmith@ashrae.org
March

Date: March 13, 2013
Time: 4:30 BOG / 5:30 PM General Membership Mtg.
Location: DoubleTree Hotel
Meeting Theme: History Night & Chapter Officer Slate Announcement
Program: ASHRAE Distinguished Lecturer – Jerry Sipes, PhD, P.E.
Subject: Displacement Ventilation
https://ashraecnyc.wildapricot.org/events?eventId=545418&EventViewMode=EventDetails

April

Date: April 10, 2013
Time: 4:30 BOG / 5:30 PM General Membership Mtg.
Location: DoubleTree Hotel
Meeting Theme: Research Promotion Night & Chapter Officer Election
Program: Steam: Paul Pack – Fulton Boilers
https://ashraecnyc.wildapricot.org/events?eventId=545425&EventViewMode=EventDetails

May

Date: May 8, 2013
Time: 5:30 PM
Location: TBD
Meeting Theme: Chapter Officer Installation
Program: TBD
https://ashraecnyc.wildapricot.org/events?eventId=545426&EventViewMode=EventDetails

Distinguished Lecture on Displacement Ventilation by Jerry Sipes, PhD, P.E.

A brief history on the application of displacement ventilation (DV) is presented followed by the theory of how displacement ventilation works and a comparison of DV to overhead air distribution (mixing systems). The benefits of DV including energy saving, air cleanliness – indoor air quality (IAQ), thermal comfort, and humidity control are discussed. Using DV as the basis of building HVAC system design for points in the LEED (Leadership in Energy Efficiency Design) program and the CHPS (Collaborative for High Performance Schools) program is explored. The potential issues with heating of occupied spaces as well as several proposed solutions are presented. The basic steps for engineering calculation of the air volume, supply air temperature and return air temperature are highlighted and examples given.

To allow the attendee to see these devices are often incorporated into the building esthetics, a series of installations will be shown and discussed. Building types include: office spaces; atriums; airports; school classrooms; and hospital patient rooms. Availability of design tools will be discussed as well as space mock-ups and computational fluid mechanics (CFD).

— Charlie Bertuch
Join us for the 11th Annual New York State Green Building Conference!

On Monday, March 11th we will also host a Pre-conference Workshop on the vision, planning, design, and construction of the Gateway Center, SUNY-ESF’s new state-of-the-art green building—built to achieve LEED Platinum certification. This workshop is an opportunity to experience ESF’s new Gateway Center and to interact directly with the key people and organizations who led the vision, planning, design, and construction of one of New York’s newest green buildings. Professionals will learn about all aspects of the Gateway Center and will be able to discuss current issues in green building and enjoy networking opportunities at the reception that follows.

Prior to the Pre-conference Workshop, we will also host the first Student Leadership Summit at the Gateway Center. More details coming soon!

SUNY-ESF’s new Gateway Center— the venue for the Pre-conference Workshop, Student Leadership Summit and the Conference Reception.

On Tuesday, March 12th at the Oncenter there will be concurrent session presentations on the latest developments, trends, and opportunities in key green building fields: building science, environmental, LEED, commercial, and residential, as well as keynote presentations from Dan Reicher, Executive Director of the Steyer-Taylor Center for Energy Policy and Finance at Stanford University, and Alex Wilson, founder of BuildingGreen, Inc. in Brattleboro, Vermont. This conference serves as a forum for green building research and development, best practices, and discussions on green building science, operation and maintenance, as well as an opportunity to network with other green building experts, professionals, and researchers. This conference is also approved for PDHs for engineers and CEUs for registered architects and is under review for LUs for landscape architects, GBCI CEs and AIA LUs.

Early registration ends February 15th. Register Now!

This conference is hosted by the SUNY College of Environmental Science and Forestry in partnership with the U.S. Green Building Council New York Upstate Chapter and the Syracuse Center of Excellence in Environmental and Energy Systems (Syracuse CoE).

For more conference information visit www.nysgreenbuilding.org

For questions regarding registration, please contact Terry Sakowski at tsakowsk@esf.edu

This program is approved for Professional Development Hours for engineers, and Continuing Education Credits for registered architects and is under review for LUs for landscape architects, GBCI CEs and AIA LUs.

Click here to register/Sponsorship Opportunities

Sponsorship Opportunities
Katherina B. Searing
Associate Director, Professional Education and Non-Credit Programs
ESF Outreach
221 Marshall Hall, 1 Forestry Drive
Syracuse, NY 13210
(315) 470-6888
ASHRAE CNY Chapter is Calling for ASHRAE Technology Awards Applications

As of now, our chapter has received two applications, with another one or two in progress. The deadline for recommending to regional level is June 1st.

The ASHRAE Technology Awards recognize outstanding achievements by members who have successfully applied innovative building design in the areas of occupant comfort, indoor air quality and energy conservation. ASHRAE Technology Award winners are recognized by peers as being innovative and capable of achieving a high level of competence.

For more information about ASHRAE Technology Awards, please refer to our January newsletter or please visit www.ashrae.org/technologyawards.

Earns or renews an ASHRAE certification

For each individual who earns or renews an ASHRAE certification, please contact Chonghui Liu: cliu@cscos.com or (315) 455-2000. We will recognize you in our future chapter newsletters.

ASHRAE Government Affairs Update

What Are You Doing for National Engineers Week? Occurs February 17-23.

Many people make New Year’s resolutions – if yours was to volunteer more in your community while inspiring the next generation of young engineers, then National Engineers Week may be the perfect fit for you!

National Engineers Week (eWeek) provides guided opportunities for engineers to help students at all grade levels understand what engineering is all about, and encourage them to enter this diverse profession. Supported by over 100 partners, eWeek is truly a grassroots, volunteer-driven movement made up of a series of events and programs, including Introduce a Girl to Engineering Day (February 21), the Future City® competition, New Faces of Engineering, the DiscoverE outreach program, and others.

Highlighting one of these programs, throughout the year, DiscoverE sends thousands of volunteers into K-12 classrooms to help students understand how the exciting world of engineering impacts their everyday lives. Volunteers are guided through the process of meeting with students during class or after school, and equipped with fun activity and presentation ideas. More information on DiscoverE is available at HYPERLINK "http://www.discoverengineering.org/" www.discoverengineering.org.

ASHRAE supports eWeek through its involvement as a member of the Engineers Week Committee, participation in several programs, and has previously co-chaired the celebration. So... What are you doing for eWeek? Watch an informational webcast, order a volunteer kit, download posters, and get involved at www.eweek.org!

Sen. Boxer Introduces Bill to Improve Energy & Water Efficiency in Public Buildings

Earlier this week Senate Environment and Public Works Committee Chairwoman Barbara Boxer (D-CA) introduced the Promoting Efficiency and Savings in Government Act (S.52). This bill would help increase energy and water efficiency in buildings and reduce emissions by requiring the U.S. General Services Administration to conduct building audits to identify opportunities to increase efficiency and reduce costs in buildings that it owns and leases, and to report to Congress and the public within one year on these potential savings. ASHRAE Government Affairs staff have reached out to Sen. Boxer’s office to work with the Senator on this bill.

National, Global Leaders Gather at DOE to Discuss Nation’s Energy Future

As part of the events over the Inaugural weekend, the U.S. Department of Energy (DOE) held its annual symposium - “Energy All-Stars: What’s our Energy Future”. This event featured short presentations on a wide range of source and energy efficiency issues facing multiple levels of American society from a variety of energy leaders.

For more government affairs updates, please visit www.ashrae.org/government-affairs.

Chonghui Liu, Chapter Technology Transfer Chair
CHAPTER/REGIONAL TECHNOLOGY AWARD - SHORT FORM

1. Category (Check one and indicate New or Existing, if applicable)

<table>
<thead>
<tr>
<th>Category</th>
<th>New</th>
<th>Existing</th>
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</thead>
<tbody>
<tr>
<td>Commercial Buildings</td>
<td></td>
<td></td>
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<tr>
<td>Educational Facilities</td>
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<tr>
<td>Other Institutional</td>
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<td>Health Care Facilities</td>
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<tr>
<td>Industrial Facilities or Processes</td>
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<tr>
<td>Public Assembly</td>
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<tr>
<td>Residential (Single and Multi-Family)</td>
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</tbody>
</table>

2. Name of building or project: ____________________________

   City/State: ____________________________

3. Project Description:

   Project Study/Design Period: ____________________________

   Percent Occupancy at time of submission: ____________________________

4. Entrant (ASHRAE member with significant role in project):

   a. Name: ____________________________

      Last: ____________________________  First: ____________________________  Middle: ____________________________

      Membership Number: ____________________________

      Chapter: ____________________________

      Region: ____________________________

   b. Address (including country):

      ____________________________

      City: ____________________________  State: ____________________________  Zip: ____________________________  Country: ____________________________

   c. Telephone: (O) ____________________________  d. Email: ____________________________

   e. Entrant’s Role in Project: ____________________________

   f. Member’s Role in Project: ____________________________

   g. Member’s Signature: ____________________________

5. Engineer of Record:

   ____________________________

By affixing my signature above, I certify that the information contained in this application is accurate to the best of my knowledge. In addition, I certify that I have discussed this entry with the owner and have received permission from the owner to submit this project to the ASHRAE Technology Awards Competition.
ASHRAE Region I 2012-13
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ASHRAE is sponsoring two popular half-day short courses, Energy Management in New and Existing Buildings and Project Management for Improved IAQ, at Penn State University on April 3, 2013. The courses, presented in conjunction with the 2013 Architectural Engineering Institute (AEI) Conference, focus on the essentials of making facilities sustainable through energy management, and new perspectives on the process management strategies that can help ensure good IAQ.

The energy management course weaves together the energy management principles of the ASHRAE Handbook-HVAC Applications, Energy Star Guidelines and practical experience of successful energy managers. The project management course identifies the key components of IAQ to help manage, organize and direct projects, and identifies key issues of the project process that are vulnerable to risk.

Both courses will take place on Wednesday, April 3, 2013 at the Nittany Lion Inn in University Park, PA. The cost to attend each course is $119. As a special offer, ASHRAE is offering a reduced price of $29 per course for college students looking to gain in-depth training on energy and project management principles.

To register, please visit www.ashrae.org/aeicourses. If you have any questions or need assistance, you can reach me by email at bhaynes@ashrae.org or by phone at 678-539-1132.

Best regards,
Brian Haynes, Marketing Specialist
ASHRAE