Happy New Year!

Thank you to Joe DiSanto of Leidos for his presentation on Enhanced Energy Modeling Through Parametrics. We had a lot of attendees and great feedback about the program and about our lunch meeting format. Those in attendance received PDH credit.

This month is another lunch meeting. Bruce W. Majer, Vice President of BRD Noise and Vibration Control, Inc. will talk about RTU Noise Control. Please register by Friday, February 7th to help us determine the head count for dinner. You can register online through our website or contact our Hospitality Chair as indicated below.

Next month will be a dinner meeting as we celebrate our annual History Month.

I hope to see you all at the meeting!
Mike Kingsley, CNY Chapter President
February
Date: February 12, 2014
Time: Noon-1:30 (Lunch Meeting)
Location: DoubleTree Hotel
Meeting Theme: Student Chapter Night
Program: RTU Noise Control: Bruce Majer, VP of BRD Noise and Vibration Control, Inc. (PDH pending)

March
Date: March 12, 2014
Time: 5:30-8:00 PM
Location: DoubleTree Hotel
Meeting Theme: History Night & Chapter Officer Slate Announcement
Program: Chilled Beams: Chris Miller – Trox & Modular Comfort Systems (PDH pending)

April
Date: April 9, 2014
Time: 5:30-8:00 PM
Location: DoubleTree Hotel
Meeting Theme: Research Promotion Night & Chapter Officer Election
Program: Airborne Contaminant Control in HealthCare Environments: Brian Monk - UTC Climate Control Security (PDH pending)

May
Date: May 14, 2014
Time: 5:30-8:00 PM
Program Location: Covanta Energy facility in Jamesville, NY
Dinner Location: Danzer’s Restaurant
Meeting Theme: Chapter Officer Installation
Program: Tour of Covanta Energy-from-Waste Facility

June, Clambake & Golf Tournament
Research Promotion Update

With the support of thousands, ASHRAE Research would like to invite members (individuals AND companies) to support the 2013-2014 Research Promotion Investment Campaign. The online donation form can be found on the ASHRAE website at:


You may contribute directly or through CNY Chapter’s Paul Britton Endowment. Consider one of our higher levels of support as a way to show your commitment to ASHRAE Research – and get your contribution acknowledged here in our monthly newsletter!

Platinum Circle - $20,000+
Golden Circle - $10,000 - $19,999
ASHRAE Partner - $5,000 - $9,999
ASHRAE Associate - $2,500 - $4,999
Major Donors - $250 - $2,499
Honor Roll Donors - $100 - $249 ($150 minimum for companies)

Thank you to the following organizations and individuals who have donated so far to the 2013-2014 campaign:

Carrier Corporation – United Technologies

Charles J. Bertuch, III, PE
Michael J. Bykowski PE
Derrick Day
Richard Kimball
Michael L. Kingsley
Stephen G. Miller
Mark C. Yonnick

Your Research dollars are already at work for you...

ASHRAE Research money helps fund Standards, Guidelines, and other publications that you use in your daily work, including ASHRAE’s free Advanced Energy Design Guides.

https://www.ashrae.org/standards-research--technology/advanced-energy-design-guides
January 23, 2014

Historian – Report for: Feb meeting newsletter

After the Holidays, we kicked off the New Year with our first Membership Promotion meeting in January and a great Technical Program. This was also our first Lunch meeting and the membership response was great. We hope to have an equally good showing in February!!!


We also informed that the Chapter would be sponsoring student to travel to NYC for the ASHRAE Winter Meeting. This is a great way to encourage our future ASHRAE members to get excited about the industry that we represent.

Please check the other parts of the newsletter for the great program being planned for our February meeting.

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, please call me on my cell phone: (315)481-4075.

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

Assis M. Flores – Chapter Historian
ASHRAE Winter Meeting News:

Hello All,
Hope everyone had a happy holiday season and has a great upcoming new year. The CNY chapter is proud to announce that our Syracuse University student branch sent eight students and one adviser to the 2014 Winter Meeting in NYC. These lucky recipients received expenses to facilitate their participation to this year’s meeting. In the past years our Chapter has awarded students with scholarships. This year we decided to go a different route and offer expense money to students that were interested in attending the Winter Meeting as a means for the students to get a fuller ASHRAE experience. The participation for this event over the scholarship participation was tripled from the previous year. We hope to see the students at our March meeting and get some feedback on their experience in NYC!

James Hart – Student Activities Chair

Peter King, a Central New York ASHRAE Chapter member, spoke at the 2014 ASHRAE Winter Conference about the transformation of a 1913 Warehouse in Syracuse into a “Green Laboratory”. The building is located at 358 West Jefferson Street and is the home of King + King Architects LLP.

Photo from Jan 20, 2014 ASHRAE Seminar on Making Historic Buildings Sustainable - Pete King and David Arnold
Other Local News:

The Syracuse Center of Excellence has received funding from the Department of Energy to award to R&D projects which support our work with the Central New York cluster in Advanced Manufacturing for Thermal and Environmental Controls.

Funding Opportunity for AM-TEC Research and Development

Syracuse Center of Excellence invites applications for competitively awarded Research and Development (R&D) funding for projects to support the needs of the Central New York (CNY) cluster in Advanced Manufacturing for Thermal and Environmental Controls (AM-TEC). The Request for Proposal (RFP) invites applications for seed projects that strategically target both: 1) needs and opportunities of AM-TEC companies, and 2) the goal of DOE’s Advanced Manufacturing Office (AMO) to reduce energy consumption by 50% across product life-cycles over 10 years. The seed projects will develop manufacturing processes that reduce energy intensity and improve production as well as demonstrate technologies that use less energy throughout their lifecycles.

Application information is available on the AM-TEC website: [http://amtec.syracusecoe.org/request-for-proposals.html](http://amtec.syracusecoe.org/request-for-proposals.html)

Proposals proposing or demonstrating a history of tangible and lasting collaboration between TEC firms, regional research, testing, manufacturing assets, and academic resources are highly encouraged.

This opportunity is made possible by an award to Syracuse University from the U.S. Department of Energy made under the 2012 federal Advanced Manufacturing Jobs and Innovation Accelerator Challenge. Additional funding is provided by New York State Energy Research and Development Authority (NYSERDA).
Ian Shapiro, founder of Taitem Engineering, has completed work on a textbook for the design of green buildings, titled *Green Building Illustrated*. Co-authored with legendary architect and illustrator Francis D.K. (Frank) Ching, the book is both an introduction to green design, and covers advanced topics such as building shape, unconditioned spaces, heating and cooling, and quality control in green design and construction. Ian wrote the text, and Frank provided the illustrations. Published by Wiley, the book is available at wiley.com, Amazon, BarnesandNoble.com, and other booksellers. Ian has been an ASHRAE member for almost 30 years, and is a frequent contributor to the ASHRAE Journal. ASHRAE plays a prominent role in the book, with repeated references to Standards 55, 62, 90, and 189, as well as other ASHRAE work. Prior to founding Taitem in Syracuse, Ian worked at Carrier Corporation for seven years, in research and product development.
The CNY Chapter is now accepting business card advertising in this monthly newsletter. Send us your business card (or text for a line card) and we’ll scan it in and for $50 your card will run in the newsletter for the year. Send your ad and payment to: ASHRAE Newsletter, Advertising, P.O. Box 2396, Syracuse, NY 13220

If you have a digital card (or questions), email it to Richard Kimball: rkimball@usgbc.org.
ASHRAE CNY Chapter is Calling for ASHRAE Technology Awards Applications

The ASHRAE Technology Award is one of the most important awards in HVAC&R design field; the winners of ASHRAE Technology Awards in society level are recognized on an international scale for successful applications of innovation design. Last year, our Central New York chapter won two ASHRAE Technology Awards in regional level. They are Regional Technology Award of Engineering Excellence for Existing Buildings submitted by Ron Westbrook, PE and Region I Technology Award in recognition of outstanding achievement in the design and operation of energy-efficient buildings submitted by Chonghui Liu, PE.

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. Their designs incorporate ASHRAE standards for effective energy management and IAQ. Performance is proven through one year’s actual, verifiable operating data.

The purpose of the ASHRAE Technology Awards is threefold:
1. To recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data.
2. To communicate innovative systems design to other ASHRAE members.
3. To highlight technological achievements of ASHRAE to others, including associated professionals and societies worldwide, as well as building and facility owners.

ASHRAE Technology Award applications are accepted in each of the following categories:

I. Commercial Buildings (New and Existing)
II. Institutional Buildings (New and Existing)
   a. Educational Facilities
   b. Other Institutional
III. Health Care Facilities (New and Existing)
HVAC Design: Level I—Essentials

ASHRAE's HVAC Design: Level I — Essentials provides intensive, practical training for HVAC designers and others involved in the delivery of HVAC services. In three days, gain practical skills and knowledge in designing, installing and maintaining HVAC systems that can be put to immediate use. **This training is aimed at:**

- Graduates new to consulting practices and engineering teams
- Facility engineers with assigned HVAC responsibilities
- Experienced engineers who would benefit from a review of the basics and the new technology options to save energy
- Engineers, technicians and building operating personnel in career transition

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**See Why Your Peers Recommend This Training:**

"Although my background is not in HVAC design or other environmental control systems, I certainly appreciate the value that this course has given me in terms of how it has expanded my ability to converse effectively with contractors. This basic knowledge should greatly improve my ability to act as an owner’s rep in my project management work involving HVAC Design.”

Evan B. — Dallas, TX

"The most valuable HVAC course I have attended. I learned numerous nuggets that I will implement immediately. Valuable for engineers at all levels of experience.”

Kevin T. — Saskatoon, Canada

"This course was very valuable and will be applied completely to the scope of work that I do. The knowledge obtained through the very detailed and explained presentations will help a lot in design.”

Jose G. — Houston, TX

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**HVAC Design: Level 1—Essentials**

**When:** February 24–26, 2014

**Where:** Ted Weiss Federal Building
New York, NY

**Cost:** $1,239 (ASHRAE Member: $989)

**REGISTER**

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**BONUS!**


A $200 Value!
HVAC Design: Level II—Applications

ASHRAE’s HVAC Design: Level II — Applications provides advanced instruction on HVAC system designs for experienced HVAC designers and those who complete the HVAC Design: Level I — Essentials training. In two days, gain an in-depth look into Standards 55, 62.1, 90.1, 189.1 and the Advanced Energy Design Guides. Training will focus on a range of topics including: HVAC equipment and systems, energy modeling, designing a chiller plant, and BAS controls. This training is aimed at:

- Engineers with HVAC design experience
- Participants who attended HVAC Design: Level I-Essentials
- Architects who want an in-depth understanding of HVAC design
- Construction project managers involved with mechanical systems

See Why Your Peers Recommend This Training:

“I wish this training was mandatory for everyone in the HVAC industry, especially design engineers! When applied, the instructors’ accurate and concise suggestions make the whole HVAC design process clear and effective. Their examples prove that the design process can be simplified while still resulting in higher performing and healthier buildings.”
Tiffany B. — San Diego, CA

“This course served as an effective means of combining lessons learned from the Level I course in real-life mock design scenarios.”
Justin B. — San Francisco, CA

“I learned about new ASHRAE codes, standards and HVAC developments. I wish to recommend this training for all engineers involved in HVAC design.”
Sunday S. — Kadune, Nigeria

HVAC Design: Level II—Applications

When: February 27–28, 2014
Where: Ted Weiss Federal Building
New York, NY
Cost: $829 (ASHRAE Member: $679)

REGISTER

BONUS!