The President's Message

Our thanks go to Carrier Corporation for sponsoring our March History Month meeting and to Edward Fruth of TROX USA for his presentation on Chilled Beams. We also honored Don Rich for his decades of service to ASHRAE at both the Chapter and Society level. As part of our RP campaign for this year and as asking Chapter members to make a contribution to the Don Rich Research Endowed Fund. See the RP article in this newsletter for instructions (and thank you in advance!). We had great attendance and positive comments; those in attendance received PDH credit.

We also thanked Mike Bourgeois and Bonnie Henderson for their many years of commitment to our Annual Clambake. Speaking of which, please mark your calendars for our Annual Clambake on June 12th. We will also hold our Annual ASHRAE Research Golf Tournament on the morning of June 12th. See more details within this newsletter.

This month we will have an ASHRAE Distinguished Lecturer at our monthly meeting. Brian Monk of UTC Climate Control Security will present a program on Airborne Contaminant Control in Healthcare Environments. This will be a dinner meeting. Please register by Friday, April 4th to help us determine the head count for dinner. You can register online through our web site or contact our Hospitality Chair as indicated below.

I hope to see you all at the meeting!
Mike Kingsley, CNY Chapter President

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We have a new website address: ashracnyc.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.

ASHRAE Monthly Meeting: April 9, 2014

Program: Airborne Contaminant Control in Healthcare Environments
Speaker: Brian Monk
Location: DoubleTree Hotel
Time: 5:30-8:00 p.m.
Cost: $30

Reservations: Sign up now on our website: ashracnyc.org or contact
Don Howell - dhowell@bergmannpc.com
(315-422-5200)
Airborne Contaminant Control in Healthcare Environments
GBCI Approved | 1 CE Hour | 0090010514 AIA Approved | 1 LU/HSW | MONK01

Health Care facility air conditioning plays an important role in patient therapy by controlling airborne microorganisms, viruses, and hazardous chemicals that may be present in the indoor environment. The nature of the health care environment requires that special attention at the design stage be considered to limit air movement between departments, dilute or remove airborne contaminants, and recognize that temperature / humidity conditions may vary in areas within the same building.

Health Care HVAC designers must consider the control of airborne infectious disease, room pressure relationships, and Outdoor Air Requirements (ASHRAE Standard 62.1) to meet Health Care Facility IAQ concerns. Complicating the dilution strategy are ASHRAE Standard 90.1 guidelines calling for higher efficiency in LEED / High Performing Building Design. The presentation will focus on infection sources, control measures, air movement and proper filtration techniques that can be designed into the building’s air handling system. An overview of anti-microbial construction techniques as they apply to dedicated outdoor air systems will also be discussed.
Spring has officially arrived! The cold and ice have not yet departed, but with anticipation of the warm weather ahead, the Annual Chapter Clam Bake is set for 4 pm on Thursday June 12th at Hinerwadel’s with the Research Promotion Golf Tournament held at Foxfire Golf Club that morning. More details to follow in the coming weeks.

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:

https://ashrae.org/standards-research--technology/research-promotion
And click the “Online Contribution Form” link near the top of the webpage.

This year, in connection with the March CNY Chapter History Meeting honoring Don Rich, we ask that you make your donations through the Donald G. Rich Endowment. Please follow the instruction on the form to enter your donation in the “Endowed Research via ASHRAE Foundation” line and entering the fund name where asked. Your contribution will, of course, still get recognition for Research Program donations made through the 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 individuals and organizations who have donated so far to the 2013-2014 campaign:

**Corporate Donors:**
Carrier Corporation – United Technologies
C&S Engineers Inc.
E M Cahill Co
Modular Comfort Systems Inc.

**Member Donors:**
Charles J. Bertuch, III, PE
Michael J. Bykowski PE
Derrick Day
Assis M. Flores
Arthur G. Hurlburt, PhD, PE
Richard Kimball
Michael L. Kingsley, PhD, PE
Stephen G. Miller
Ronald L. Munn
Mark C. Yonnick
THE RP CAMPAIGN AND THE ASHRAE FOUNDATION

ASHRAE is held in high regard by HVAC&R engineers in part because of a track record of cutting edge and timely technological research and innovation. The mission of ASHRAE’s RP Campaign is to fund, among a number of initiatives, technical research that will advance the HVAC&R profession. ASHRAE conducts timely research to remain the foremost, authoritative and responsive international source of technical and educational information, Standards and Guidelines on the interaction between people and the indoor and outdoor environment through the operation of HVAC&R systems in buildings and other applications.

ASHRAE developed a long range strategic plan that described 11 broad goals worthy of ASHRAE sponsored research. The annual RP Campaign and distributions from Research endowments held at the ASHRAE Foundation are used to underwrite research in furtherance of these 11 goals.

ASHRAE’s Research Administration Committee receives proposals from researchers on topics determined to be of particular need and interest to ASHRAE’s members. For example, as of March 2014 there are five projects out for bids from interested investigators. One of the proposals is for research on low energy LED lighting heat gain distribution in buildings. The projected budget for this project is $150,000. Funds raised by the RP Campaign help support these kinds of projects that are so important to maintain leadership in HVAC&R standards and technology.

How the Foundation Helps Research Promotion

Each year the ASHRAE Foundation provides support to underwrite the efforts of RP to support the important research being conducted by ASHRAE. The ASHRAE RP endowments are unique. The annual RP campaign is an important source of revenue for RP. The RP endowments provide perpetual support for the RP effort that will benefit generations of HVAC&R professionals.

The annual distribution from the Foundation to RP doesn't cover all of the costs of RP research support. RP must still operate its annual campaign to cover the costs of ASHRAE’s sponsored research.

How can you help? A gift to the Foundation to make an addition to an existing RP endowment or creating your own RP endowment fund helps underwrite the costs of research to advance the HVAC&R profession. Plus, your gift is added to those of others to build an endowment that will sustain HVAC&R education well into the future.

If you would like to join the Foundation in educating today’s engineers to meet the challenges of modern engineering, consider a gift to the ASHRAE Foundation to support Research Promotion.

For more information about supporting the Foundation, RP endowments or any other programs managed by the ASHRAE Foundation, contact Margaret Smith, at msmith@ashrae.org, tel: 678-539-1201.
We returned to our evening meetings in March. Due to the winter weather we had to postpone the normally scheduled meeting for two weeks later, March 26th. We had a great program for the History Night and Chapter Officers slate announcement. I was delighted to see the great participation by the members. First, I would like to thank Carrier Corporation for supporting this night for many years. It is always great to have a free meal!!! After the normal announcements we paid tribute to one of our great members, Don Rich. Please see the attached pictures of the event. Technical Program was presented by Edward Fruth, Regional Sales Director for Trox USA. PHD certificates were available for the program. We were educated about Chilled Beams applications design and installations.

The April meeting will be Research Promotion Night and Chapter Officer Elections. I hope all of you make an effort to attend and elect the new Chapter Officers.

Please check the other parts of the news letter for the great program being planned for our April 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
The following is a list of Officer Candidates to serve on the Board of Governors of the CNY Chapter of ASHRAE for the 2014/2015 Chapter year beginning on July 1, 2014. This Slate was announced at March 26, 2014 meeting. No floor nominations were offered. The election will be held at the April 9, 2014 Chapter meeting. All members in good standing of the CNY Chapter are eligible to vote in this election.

President* Charlie Bertuch
President Elect Mark Yonnick
Vice President/Programs Richard Kimball
Treasurer Chonghui Liu
Secretary Jim Hart
Past President* Michael Kingsley

*These positions not subject to vote.
Please come and participate in the election process and enjoy the technical programs.

Thank you to the candidates for their participation.


ASHRAE will be holding a free webcast on April 17, 2014 from 1-4 PM.

The webinar has been approved for three (3) Learning Units (LUs) by the American Institute of Architects (AIA), as well as three (3) Continuing Education (CE) Hours by GBCI.

Registration is available here.
The 69th Annual CNY ASHRAE Clambake
Hinerwadel's Grove, North Syracuse
Fun, Food, Games and Raffles!

Please join us on Thursday, June 12, 2014. The activities begin at 4:00 p.m. and run until 8:00 p.m. The bake is a continuous buffet which includes the following plus a whole lot more.

- steamed clams, raw clams, shrimp
- clam chowder, salt potatoes, fried chicken
- barbecued beef and pork sandwiches
- roast pig at 6:00 p.m.
- steamship round at 7:00 p.m.
- desserts
- beer and soft drinks

The ticket price is only $50 per ticket and are available starting May 1. Please contact Bonnie Henderson c/o Syracuse Thermal Products at (315) 437-7321.

If you wish to use the Chapter PayPal service to pre-pay for tickets, visit http://www.ashraecny.org/events and click on the box to buy Clambake tickets. Tickets on PayPal are $51.

Arrangements: Purchase or pick-up tickets at Syracuse Thermal before the clambake or arrange with Syracuse Thermal for pre-paid tickets to be picked up at the door.

Mail checks payable to: CNY Chapter ASHRAE and send to:
Syracuse Thermal Products, Inc.
P.O. Box 398
East Syracuse, New York 13057
16th Annual CNY ASHRAE Research Promotion Golf Tournament

Thursday, June 12th, 2014
9:00 am – 2:00 pm (morning before the Clam Bake)

Foxfire Golf & Country Club
Baldwinsville, NY

More details to follow…
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.
To: ASHRAE Regional Chairs  
ASHRAE Chapter Presidents  
ASHRAE Student Branch Presidents  

Subject: ASHRAE College of Fellows: Graduate Student Travel Award  

Did you know that the College of Fellows awards Graduate students up to $2,000 to attend two ASHRAE Conferences ($1,000/conference)? These funds go directly to the selected candidates to cover travel, lodging and meals!  

In addition to the defrayed costs, these award recipients are mentored prior to and during the meeting, having one on one help in determining which sessions and Technical Committee meetings they will attend and introductions to various ASHRAE Members who also specialize in their chosen area of research. This award allows future HVAC researchers the ability to become involved with ASHRAE TCs and participate in preparing and potentially bidding on ASHRAE projects.  

The requirements are:  

- be an ASHRAE Student Member,  
- be a Ph.D. candidate within 24 months of graduation  
- have a thesis topic within ASHRAE’s scope of research.  

The candidate must complete both pages of the Travel Award Submittal Form, which includes a one page (maximum) statement on the candidate’s research. Selected candidates will be expected to coordinate their own travel and lodging.  

The award application and details may be downloaded from the ASHRAE College of Fellows website (http://www.ashraecof.org/). Submittal may be by email (submit to COF@ASHRAE.org) or mail to Patricia Adelmann, Manager ASHRAE Fundraising, 1791 Tullie Circle, Atlanta, GA, 30329. All applications must be received by April 11, 2014 and award recipients will be notified by May 9, 2014.  

Sincerely yours,  

Ken Cooper, P.E., Ph.D., FASHRAE  
Past-President, ASHRAE College of Fellows
ASHRAE CNY Chapter Technology Awards Application Requirements

The ASHRAE Technology Award is one of the most important awards in HVAC&R design field; the winners of ASHRAE Technology Awards at the Society level are recognized on an international scale for successful applications of innovation in design, which incorporate ASHRAE Standards for effective energy management, indoor air quality, and good mechanical design. But this all starts from the chapter level applications!

Last year, our CNY chapter won two ASHRAE Technology Awards at the Regional level, including a Regional Technology Award of Engineering Excellence for Existing Buildings submitted by Ron Westbrook, PE and Region I Technology Award in recognition of a USGBC LEED platinum rated building design submitted by Chonghui Liu, PE.

CNY Chapter Technology Award Application Requirements:

- Entrants should fill out the attached application form and submit via email in pdf format to Chonghui.Liu@obg.com or by mail to Chonghui Liu, 333 West Washington Street, PO Box 4873, Syracuse, NY 13221-4873.
- The entrant must submit one (1) completed application with signatures (electronic signatures are accepted).
- The engineer of record must sign the entry Application Form where indicated.
- All entries should be received by 11:59 PM, May 14th, 2014.
- The entrant (1) must be a member (any grade) of ASHRAE or of an Associate Society, (2) must have a significant role in the project, and (3) must be willing to supply any additional information if requested by the judging panel.
- The project must have been in successful operation for at least one year at the time of entry.

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)
IV. Industrial Facilities or Processes (New and Existing)
V. Public Assembly Facilities (New and Existing)
VI. Residential (New and Existing)

For ASHRAE Technology Awards program overview, judging criteria and helpful hints, please visit www.ashrae.org/technologyawards. Attached is the Chapter/Regional Technology Award application short form; for Chapter application questions, please contact Chonghui Liu: Chonghui.Liu@obg.com or (315) 956-6100.

Earn or renew an ASHRAE Certification?
Have you earned or renewed an ASHRAE certification, including BEAP, BEMP, CPMP, HFDP, HBDP, and OPMP? Let us know; we will recognize you and your company in our Chapter newsletters.

Chonghui Liu, PE
Chapter Technology Transfer Chair
1. **Category (Check one and indicate New or Existing, if applicable)**
   - Commercial Buildings
     - New (or) Existing
   - Institutional Buildings:
     - Educational Facilities
       - New (or) Existing
     - Other Institutional
       - New (or) Existing
     - Health Care Facilities
       - New (or) Existing
     - Industrial Facilities or Processes
       - New (or) Existing
     - Public Assembly
       - New (or) Existing
   - Residential (Single and Multi-Family)

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.
Sweeney Rogers Geraghty, Inc. Seeks Engineered Products Outside Sales Person for Upstate NY

Sweeney Rogers Geraghty, Inc. is seeking a professional, experienced commercial sales person for the Upstate NY territory. The position entails building and maintaining relationships with mechanical contractors and engineers, taking off and quoting commercial jobs, assisting with design-build projects and conducting engineering seminars. This person will also be responsible for product trainings, technical troubleshooting, attending trade shows, and coordinating and maintaining efficiency rebate incentives. Specific product focus will be on commercial boilers and water heaters, variable refrigerant volume HVAC systems, hydronic and steam system components, high velocity air conditioning and commercial air curtains.

A minimum of 5 years industry experience and residence within the territory is required. Applicants must have a valid driver’s license.

This is great opportunity to join an established rep agency offering personal and professional growth as well as a competitive salary, benefits package and 401K program.

Please send a résumé to psweeney@srgirep.com
Sweeney Rogers Geraghty, Inc. Seeks Residential Outside Sales Person for Upstate NY

Sweeney Rogers Geraghty, Inc. is seeking an experienced residential plumbing and heating outside sales person in the Upstate New York territory. The job candidate will be responsible for managing the flow of goods through key distribution accounts, building and maintaining trade relationships, technical trouble shooting, attending trade shows and conducting product training seminars. Specific product focus will be on mini-split HVAC systems, high velocity air conditioning and residential boilers and furnaces.

A minimum of 5 years industry experience and residence within the territory is preferred. Applicants must have a valid driver’s license.

This is a great opportunity to join an established rep agency offering personal and professional growth as well as a competitive salary, benefits package and 401K program.

Please send a résumé to psweeney@srgirep.com