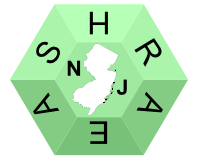




THERMOGRAM



The New Jersey Chapter of ASHRAE Newsletter

www.njashrae.com

November 2008

reply@njashrae.com

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Vice-President

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Budget

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Chapter Bylaws

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ASHRAE
Engineering
for
Sustainability

NJ Chapter of ASHRAE Meeting

Tuesday, December 2nd, 2008

at

Woodbridge Hotel & Conference Center

(formerly Sheraton)

515 Route 1 South & Gill Lane, Iselin, NJ



**ASHRAE Advanced Energy
Design Guides**

presented by

Mr. Drury Crawley

U.S. Department of Energy

ASHRAE Distinguished Lecturer

Cost: \$50.00 Members

\$55.00 Guests

\$ 5.00 Students

RSVP: REPLY@NJASHRAE.COM or call 732-218-7463

No later than November 28th, 2008

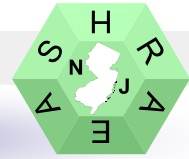
SCHEDULE:

4:30 Board of Governors Meeting

5:30 Guest Registration /Cocktail Hour

6:30 Chapter Announcements

6:45 Dinner and Presentation



COMMITTEES
(continued)

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Research/Promotion

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Scholarships

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Seminars

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Calendar of Upcoming Meetings



JANUARY 7, 2009 (Joint Meeting with MCA@ Woodbridge Hilton)
Dinner Session: "HVAC Seismic Design Applications IBC"
presented by Mr. Doug Valerio, Mason East Industries

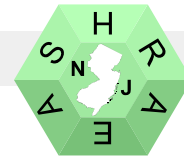
FEBRUARY 3, 2009: Research and Promotion Night
Dinner Session: "Maintain to Sustain"
presented by Mr. Bill Harrison, President ASHRAE

MARCH 3, 2009: Speaker & Topic TBA

APRIL 7, 2009: Student Night
Dinner Session: Erv Bales, PhD, Research Professor, NJ, *presenting about Sustainability, exact title to be announced*

MAY 5, 2009
Scholarship Award Night & Installation of Officers
Dinner Session: "Win-Win Negotiating Skills"
presented by Mr. Barry Benator P.E., CEM, Benetech Inc, ASHRAE Distinguished Lecturer

JUNE 2, 2009 Spouses Night—Event TBA



President's Message

Dear Chapter Members

In previous years, the November chapter meetings have always been in recognition of the Chapter's Past Presidents. However, at our last meeting, it was with our deepest sympathy and regrets to acknowledge the passing of our past President Gordon Stillwell. Gordon Stillwell had been a member of the New Jersey Chapter of ASHRAE for over 35 years and supported and attended meetings for our chapter on a regular basis throughout. Past President Gordon Stillwell was not only a regular at many of the ASHRAE events, Gordon and his contingent, Stillwell-Hansen, were always contributors towards a table (.. or two) every month. Gordon was prominent in his support of those things in which he believed; whether it was in his personal life or professionally as a volunteer in an engineering society, which he truly loved. Gordon recognized the importance of ASHRAE in the engineering world and made it a credible and viable part of his life.

It was inspiring to see the Stillwell-Hansen family at the November meeting, now headed by Mrs. Carol Stillwell. He will be missed by all who knew him. He is survived by his beloved wife Carol, family, and friends. This month's Past President's meeting was in dedication to Gordon Stillwell, Past President (NJ Chapter 75 – 76), friend and longtime Chapter supporter who passed away on November 1st.

As members of ASHRAE, we should take this opportunity to recognize that without individuals like Gordon Stillwell, who volunteered his time and was a loyal supporter for so many years, our organization would not have had the possibility to grow our Society and our chapter. Volunteers are the core to this organization and we are the very heart of where the future lies as one of the largest engineering societies in the world. So, on behalf of the NJ Chapter, I wish to extend my gratitude to all members and/or volunteers for your time and commitment.

On behalf of the New Jersey Chapter of ASHRAE, a \$250 donation will be made to Scholarships in the name of Mr. Gordon Stillwell.

Mark

2008-2009 Presidential Award of Excellence (PAOE) Summary

Chapter #	Chapter Name	Chapter Members/ students	Member Promotion	Student Activities	Research Promotion	CTTC	History	Chapter Operations	Chapter PAOE Totals
007	N.J.	787	250	655	0	310	100	375	1370

December Dinner Menu

Tossed Garden Salad

Your choice of Grilled Fillet of Salmon

or

Penne Pasta Pomodoro

Vegetables and Potato

German Chocolate Cake

Iced Tea, Coffee, Hot Tea



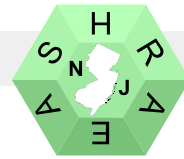
Speaker Bio : Mr. Drury Crawley, U.S. Department of Energy, ASHRAE Distinguished lecturer

Mr. Crawley leads the U.S. Department of Energy's Building Technologies Program team working to achieve cost-effective net-zero energy commercial buildings by 2025. He is also responsible for managing the DOE's building energy software tools development activities including EnergyPlus (winner of an R&D 100 Award in 2003), Energy Design Plugin for Google SketchUp, Energy-10, DOE-2, and SPARK, among others.

With more than 30 years of experience in buildings energy efficiency, renewable energy, and sustainability, he has worked in government research and standards development organizations, as well as building design and consulting companies. A registered architect, he is currently completing his PhD in Mechanical Engineering on the topic of building simulation as a policy tool at the University of Strathclyde in Glasgow, Scotland.

Mr. Crawley is active in ASHRAE (Chair of Technical Committee 2.8 Building Environmental Impacts and Sustainability, Chair of Standard 169 Weather Data for Building Design Standards, Member of SSPC 189.1P Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings, former Member of the Research Administration Committee, and former Chair of TC 4.2, 4.7, and 7.1). He received an ASHRAE Distinguished Service award in 2003 and a 1999 Symposium Best Paper Award for "Which Weather Data Should You Use for Energy Simulations of Commercial Buildings?"

Mr. Crawley is the US-representative and Vice Chair of the Executive Committee of the International Energy Agency Solar Heating and Cooling Programme, and is active in AIA, IBPSA, USGBC (member of the Research Committee and the Energy & Atmosphere TAG), and serves on the editorial boards of three international Journals. He has written more than 100 papers and articles.



Remembering Gordon Stillwell



Gordon G. Stillwell was born June 21, 1926 and raised in Bensonhurst, Brooklyn. He attended Brooklyn Poly High School. Gordon joined the Navy in 1943, becoming a naval aviator, and served in both World War II and in Korea. Gordon joined the Port Authority as a draftsman in the mechanical engineering department and later joined the Nesbitt Corporation as a salesman. He quickly became Nesbitt's top salesman. In 1968, he started the Gordon G. Stillwell Company in the garage of his home. The following year he created a partnership forming the Stillwell-Hansen Inc.

Gordon was an active ASHRAE member. He was an officer in the North Jersey Chapter leading to chapter president in the early 1970's. Also, he served at Society level on the ASHRAE Publications committee. He continued to attend regular chapter meetings each year and also encouraged others to attend. In addition, Gordon chaired the chapter's Energy Expo committee for several years. He supported the ASHRAE Research Fund and the New Jersey Chapter's CRC meeting. He could always be found at the ASHRAE Winter Meeting and Expo.

Gordon's philosophy was to share his experience, expertise and success by mentoring and giving back to the community at large. Gordon served on the Board of Trustees of the Parker Family Health Center in Red Bank. When asked about gifts for himself, he always wanted the gifts to be donated to a worthy cause. Included among his favorite charities was The Salvation Army and Parker Family Health Center. Gordon has been frequently described as a gentleman and loving husband. Always impeccably dressed and groomed, his appearance made a statement. His passion for wine is well known. One look at his wine cabinet tells of his enjoyment of Napa Valley. Always a gracious host he began to hold wine tastings each week at the Stillwell-Hansen office. He was the perfect straight man for jokes and enjoyed a good laugh, even if the joke was on him. His greatest passion was for his family. Gordon's life was blessed by not only his children, grandchildren, great grandchildren, but by his loving wife Carol Stillwell. Carol was his business partner, friend and confidant for many years.

Each of us has a fond memory and story about Gordon. I am no exception. I met Gordon in 1972 while employed at Atmos Engineering. He encouraged me to be more active in ASHRAE. Advice that I am glad to have followed.

Gordon Stillwell touched many lives and he will be deeply missed by many.

Bob Daly, Chapter Historian



Are You Involved In Designing Healthcare Facilities?

ASHRAE's Healthcare Facility Design Professional Certification



Aging medical facilities, advances in technology, shifting environmental requirements and the increasingly older population have led healthcare facility design, construction and operation to become a booming multi-billion dollar industry. This boom is expected to continue, as the more than 5,800 registered hospitals face the need for expansion and renovation and as new outpatient and large medical centers become more and more popular alternatives to traditional facilities.

ASHRAE has developed the Healthcare Facility Design Professional (HFDP) certification program to ensure that you have the information needed to advance healthcare facility processes and provide the best possible resources for building design projects. Designers who have earned the HFDP certification have demonstrated their mastery of medical terminology and facility operations as they affect HVAC&R design in healthcare

ASHRAE's HFDP certification exam is available on computer at convenient testing centers worldwide – you choose the date, time, and location!

Separate yourself from the rest of the pack . . . earn ASHRAE's Healthcare Facility Design Professional Certification.

To apply, visit www.ashrae.org/hfdp or call 404-636-8400.



[HEDP Guidebook](#)



[HFDP Application](#)



Did you know? When you pay your ASHRAE Society Dues, there is a separate line item for your NJ Chapter dues. Please be sure to check off the chapter dues box and include payment for your NJ dues. These dues provide the operating budget for the Chapter.



SOCIETY NEWS



Be Green, Save Time, and Manage Your Membership Online!

You're probably doing it already – using the internet to pay your bills, stay in touch and read emails like this one. While you're here, ASHRAE wants you to join your colleagues who are already managing their membership online. When you use the ASHRAE website to renew your membership, purchase products, or attend meetings/events, you are doing your part to cut down on printing and postage costs.

ASHRAE provides you with a toolkit to do your job – your membership is packed full of technical, networking and professional development benefits, and it is all just a click away at ASHRAE.org. And did you know you can print a confirmation of your order online? If your company requires an invoice or receipt, print your confirmation and submit it.

ASHRAE is committed to promoting sustainable, efficient and renewable best practices. Make that commitment this year, too. When the time approaches for you to renew your membership, do it early and online.

So update your toolkit, and be green, save time, and manage your membership online through ASHRAE.org today!

To start using the website now, click www.ashrae.org/emailverification, enter your email address and click "Go." Click "Login Now" or "Forgot Your Password" to continue. If you need assistance, contact a customer service representative membership@ashrae.org or (800) 5-ASHRAE

How Green is NJ ASHRAE?

NJ ASHRAE went green a few years back when we started emailing this newsletter, rather than mailing paper copies. With almost 800 chapter members, the electronic newsletter saves a lot of trees!

If printed on both sides of the paper, this newsletter would use 7 sheets of paper or a total of more than 5500 sheets of paper in one month! Ten months of newsletters would use 55,000 sheets of paper. One tree makes 16.67 reams of paper or ~8,333 sheets. One month's newsletter would use almost 1 tree, 10 months = 6.7 trees. This does not include the energy costs associated with producing the paper. (Statistics derived from information at: www.conservatree.org)



Calling All ASHRAE Student Leaders

A Student's Guide to the 2009 ASHRAE Winter Conference

Chicago, with one of the most recognizable skylines in the United States, has long-standing status as a livable urban center.

That the city has stood the test of time makes it the perfect backdrop for this year's Winter Conference theme of Sustainable Urban Design: Engineering Tomorrow...Today.

To register online visit: www.ashrae.org/chicago



ASHRAE Student Congress

ASHRAE is requesting student member representatives for the ASHRAE STUDENT CONGRESS at the Winter Meeting In **Chicago!**

Why Should Students Participate?

- This is a great leadership opportunity for student members for networking, resume building, and for sharing ideas and programs to boost Student Branch operations.
- Lunch will be served after the meeting, and attendees will also receive a certificate of participation and a thank-you gift from ASHRAE.
- The Student Congress may interfere with other afternoon activities, so please only nominate an interested student.

The deadline to nominate a student is December 1, 2008.

For more information, www.ashrae.org/studentcongress.

To nominate a student, email Tarra Holman at tholman@ashrae.org.



Grant Funding Available

The *ASHRAE Senior Undergraduate Project Grant Program* provides grants to engineering, technical and architectural schools worldwide with the goal of increasing student knowledge, learning and awareness of the HVAC&R industry through the design and construction of senior projects. The grant is made to the university/college solely for the support of the material required for the project in an amount not to exceed \$5,000 (U.S.). **The electronic submission must be received at ASHRAE Headquarters by December 15, 2008.**

For additional details and to apply visit, www.ashrae.org/students



2009 ASHRAE Student Design Competition

GAIN PRACTICAL KNOWLEDGE!

3 first-place prizes of \$1500 each



The 2009 ASHRAE Student Design Competition lets students apply their knowledge to a 15,650ft² Office Building in the Nashville, Tennessee area. This competition recognizes outstanding student design projects, promotes teamwork, and encourages undergraduate students to apply their knowledge of practical design and to become involved in the dynamic HVAC&R profession. The Student Design Project Competition teams may compete and be evaluated in one of the following categories:

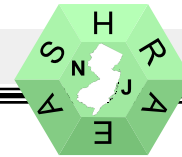
- HVAC System Design
- HVAC System Selection
- Architectural Design/Integrated Sustainable Building Design

For details and to download all necessary files, visit: www.ashrae.org/students

Deadline: Friday May 9, 2009 (June 5, 2009 for International teams entering the Architectural Design/Integrated Sustainable Building Design)

All questions should be directed to Tarra Holman, Assistant Manager of Student Activities at tholman@ashrae.org or 678-539-1212

If you would like to submit project or technical articles for the *THERMOGRAM*, please contact Jori Fahrenfeld @ 609-520-1600 or via email Jori.Fahrenfeld@Emerson.com for further details.



Membership Bulletin from the Front Lines

ASHRAE wants you! (or someone you know) Since you're reading this message you are a current dues paying member of Society and the New Jersey Chapter.

If you are a new member or have renewed - thank you for continuing to participate in one of the world's largest ASHRAE chapters.

You should know that Society offers referral fees to members who recruit new members. The New Jersey chapter also offers incentives for bringing in fresh blood so talk to one of the officers or Board members at the monthly meeting or feel free to contact us via e-mail or phone. Our info is listed on our New Jersey ASHRAE website homepage (and in this newsletter).

Membership Advancement

If your membership status is Student, Affiliate or Associate it is relatively easy to upgrade to Member status. You simply go to ASHRAE.com and login to upgrade your profile. Why bother? Well...you can't be president unless you're at least a Member. So login today and ASHRAE will send you another cool certificate to frame and hang on your wall for all to admire.

Attention Student Members

ASHRAE wants to make it easy for you to transfer your Student membership.

That's why they came up with the 16-40-40 Student Transfer Program. Here's how it works:

1. The first year out of college annual membership is still only \$16.
2. Then it is only \$40 for the second year and \$40 for the third year.
3. You save up to \$274 and get three years membership for \$96.

You can save time and transfer online at www.ashrae.org/students.

If you prefer to do some paperwork you can find the ASHRAE Student Membership Transfer Form online at ASHRAE website or I will be happy to provide one.

Russ Graham
Membership



ASHRAE Hosts Industry Partners at Headquarters Renewal Event



ATLANTA - The ribbon is cut, the donors have been honored, and ASHRAE's newly renovated sustainability showcase is officially open for business.

Some 200 people gathered Thursday, Oct. 23, for the Headquarter dedication ceremony in Atlanta. The guests included industry partners who donated nearly \$1.65 million in equipment and services for the \$7.65 million renovation.

"None of this would have been possible without the hard work and commitment from many volunteers and staff involved in the renewal for the last three years," Bill Harrison, ASHRAE president, said. "More importantly, generous donations by companies and firms have ensured that not only our building will be here for a long time to come but that ASHRAE can continue to provide the sustainable building technology guidance that we are known for."

"Not only is the renovation a technology and productivity showcase, it also exemplifies the incredible potential of determined ASHRAE members and the greater ASHRAE community working toward a common goal," Jeff Littleton, ASHRAE executive vice president said. "This renovation represents the largest capital investment in ASHRAE history at \$7.65 million."



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Nominating Committee Alternate

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(Position Vacant)

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Regional Electronics Communication Chair, & Newsletter Judge

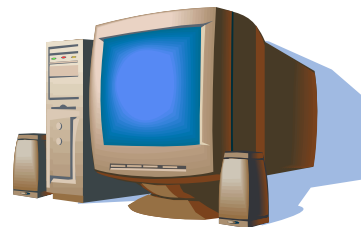
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Director of Member Services

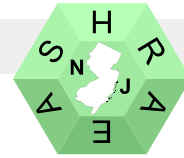
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If you would like to place an advertisement in the Thermogram, please contact Jori Fahrenfeld @ 609-520-1600 or via email Jori.Fahrenfeld@Emerson.com for further details.