

THE LONG ISLAND SOUNDER

May 2006



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ASHRAE Long Island Chapter, Region 1...Founded in 1957

American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.

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President's Message

Due to our annual golf outing being held on Monday May 8, the monthly meeting will be postponed until Tuesday, May 16. The golf outing has again been a very popular event and sold out quickly. I want to thank the Golf Committee: Peter Gerazounis, Steve Friedman, and John Nally for their hard work in making this event such a success. The golf outing is very important to our chapter since the funds generated support our entire year of ASHRAE activities.



ASHRAE National has just sent me information on a new e-learning system, a completely on-demand, on-line learning system. It allows you to work at your own pace to earn PDH's and build your professional skill set. The program consists of 13 interactive modules covering topics from water side/air side design to systems controls and energy conservation. The cost for all 13 modules is \$295 for ASHRAE members or \$30 for each individual module. If you would like more information please contact me directly.

As we approach the end of the ASHRAE year (June 30th) we are putting a final push for ASHRAE Research Promotion donations. This is a national program to fund all of the research that ASHRAE sponsors. On a local level, Hofstra University has been

awarded two ASHRAE grants over the past five years for a Heat Transfer lab to be used as a teaching tool for students. ASHRAE research is one of Societies most important programs. Steve Giammona is the Research Promotion chair and has gotten us close to achieving our goal so please help him support the Industry that supports us. To donate, please contact Steve Giammona or me.

I have always been a big believer that one of the key benefits of active involvement with ASHRAE is networking. Not just for vendors, but consulting engineers and owners as well. Just recently, I experienced a prime example of this. I was working on a project with a pharmaceutical company for an aseptic manufacturing area. The air handling system was being upgraded to increase the air-change rate in the clean room. The project was entering the construction stage when the pharmaceutical production manager attended an industry conference where he learned that the air-change rate requirement for his aseptic space may need to double from its original design in a few years. This put the project on hold for reevaluation and redess-

CHAPTER MONTHLY MEETING

DATE:	Tuesday, May 16, 2006
TIME:	6:00 PM - Cocktails/Dinner 7:00 PM - Dinner Presentation 8:45 PM - Conclusion
LOCATION:	Westbury Manor South Side of Jericho Tpke. 25 Westbury, NY 11590
FEES:	
Members -	\$35.00
Guest -	\$40.00
Student -	\$15.00

Reservations requested, but not required.

Call (516) 333-7117

Cont'd. on Page 3

Long Island Chapter Officers & Committees

ASHRAE 2005/2006 OFFICERS

POSITION	NAME	PHONE	FAX	E-MAIL
President	Craig D. Marshall P.E.	(203) 261-8100	(203) 261-1981	cmarshall@accuspecinc.com
President-Elect	John Nally	(631) 331-0215	(631) 928-4625	jn@atiofny.com
Vice President	Peter Gerazounis, P.E.	(212) 643-9055	(212) 643-0503	pgerazounis@mgjassociates.com
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Treasurer	Steven Giammona, P.E.	(212) 643-9055	(212) 643-0503	sgiammona@mgjassociates.com
Secretary	Richard E. Gerbe	(718) 269-3753		rgerbe@trane.com
Board of Governors	James Hayes	(201) 247-7286	(718) 228-6721	jhayes@geru-usa.com
Board of Governors	Nancy Roman	(516) 256-4800	(516) 256-3299	nroman@airdist.com
Board of Governors	Claudio Darras, P.E.	(212) 354-5656	(212) 354-5668	cdarras@akf-eng.com

ASHRAE 2005/2006 COMMITTEES

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Programs and Special Events	John Nally	(631) 331-0215	(631) 928-4625	jn@atiofny.com
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Webmaster	Carolyn Arote	(516) 256-4800	(516) 256-3299	carote@airdist.com
Honors, Awards & Publicity	Ray Schmitt	(631) 585-6800	(631) 471-4950	therevrgs@aol.com
Nominating	Michael Gerazounis, P.E.	(212) 643-9055	(212) 643-0503	mgerazounis@mgjassociates.com
CRC General Chair	Alan Goerke, P.E. Frank Morgigno	(631) 331-0215 (631) 331-0215	(631) 928-4625 (631) 928-4625	ag@atiofny.com fm@atiofny.com
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President's Message (Cont'd. from Page 1)

The owner needed an industry consultant to investigate the air-change rate topic further and help him decide which design requirement should be used. That's when I remembered a speaker from last June's ASHRAE meeting, Jim Wagner with Controlled Environment Consulting. Jim's core business is the evaluation of both clean rooms and practices to insure compliance with regulatory guidelines. I referred Jim to the owner who hired Jim to review the current clean room, original design changes and spoke with people at the FDA to insure compliance with the FDA requirements for now and the foreseeable future. This put the project back on track with the original design. To me, this is a prime example of powerful networking opportunities through ASHRAE. Everyone benefited from this: the owner, the contractor, the vendor, and the consultant.

I look forward to seeing everyone at the May meeting; you never know who you might meet.

Craig Marshall, P.E. - President - Long Island Chapter

Chapter Monthly Meeting - Program for 2005/2006

September 13, 2005 * At Westbury Manor  ASHRAE DISTINGUISHED LECTURER Dinner Presentation - Innovative Water System Design	March 14, 2006 * At Westbury Manor  MEMBERSHIP PROMOTION NIGHT Dinner Presentation - Micro-Turbine Technology for Power and Heat Generation
October 11, 2005 * At Westbury Manor  MEMBERSHIP PROMOTION / STUDENT PROMOTION NIGHT Dinner Presentation - Bio-Fuel Technologies and the New ASHRAE Standard 155	April 11, 2006  FIELD TRIP Brookhaven National Laboratory (Tour)
November 15, 2005 * At Westbury Manor  JOINT MEETING WITH SMACNA-LI RESOURCE PROMOTION NIGHT Dinner Presentation - Project Design Drawings vs. Construction Drawings for Ducts	May 8, 2006 * Cherry Valley Club, Garden City, NY  ANNUAL GOLF OUTING
December 13, 2005 - HOLIDAY FIELD TRIP  NY Islanders vs. Minnesota Wild Hockey Game * Reservations Required - Call Rich Gerbe @ 212-330-6283	May 16, 2006 * At Westbury Manor Dinner Presentation - High Density Cooling
January 10, 2006 * At Westbury Manor  Dinner Presentation - Radiant Heat Systems & Design	June 13, 2006 * At Westbury Manor YEAR END CELEBRATION - PAST PRESIDENTS & OFFICER INSTALLATION NIGHT
February 21, 2006 * At Westbury Manor  ASHRAE DISTINGUISHED LECTURER / STUDENT PROMOTION NIGHT / JOINT MEETING WITH ACCA Dinner Presentation - Air Conditioning: A look into the past and a guess into the future.	

August 2006 - Chapter Regional Conference Region I - Maine

RUNNING PAOE POINTS FOR 2005/2006

Chapter Members	Membership Promotion	Student Activities	Research Promotion	History	Chapter Operations	CTTC	Chapter PAOE Totals
334	125	355	132	25	1,170	225	2,032

May Chapter Meeting - Program

You are cordially invited to our May 2006 Meeting...



Dinner Presentation

“Cooling Data Centers in the 21st Century ”

Presented by
Ben Steinberg, P.E.
Precision Cooling Solutions
American Power Conversion

**Attendees
Will Earn
1 PDH!**

DATE:	TUESDAY, MAY 16, 2006 – Special Date		
Time:	6:00 PM – Cocktails and Hors D'oeuvres 7:00 PM – Dinner Presentation 8:45 PM – Conclusion	Fee:	\$ 35.00 Member \$ 40.00 Guest \$ 15.00 Student
Location:	WESTBURY MANOR (516) 333-7117 Jericho Tpke (South Side), 3/10 of mile east from Glen Cove Rd., Nassau County, NY. Directions are posted at @ www.ashraeli.org. <i>- Reservations requested but not required. Business attire suggested</i>		
Presentation:	Anyone involved with designing, building, maintaining or operating today's data centers knows that power densities are increasing all the time. Computer equipment and the processors inside them are shrinking in size while consuming more power. Virtually all of this power is converted to heat and must be removed to prevent equipment failures. Traditional means of cooling data centers won't work with the high-density equipment now being deployed. New ideas and technologies in cooling must be employed to support the latest computer technologies. This presentation discusses some of the latest trends in the information technology industry and how they are driving changes in the way data centers are designed, built, maintained and operated, and also what ASHRAE is doing to help .		
About our Speaker:	Ben Steinberg, PE , is a senior application engineer and former engineering manager for American Power Conversion Corp. (APC). He is actively involved, performing computational fluid dynamic modeling and analysis of new and existing data centers, performing data center assessments to locate and remedy areas with heat problems, supporting configuration engineers with designs and configuring precision cooling solutions for large projects. Prior to APC he worked as a senior project engineer at the Electric Boat Company, responsible for thermodynamic, fluid and heat transfer performance of all shipboard heat exchangers and condensers. Mr. Steinberg holds a B.S and M.S. in mechanical engineering from Rensselaer Polytechnic Institute.		

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Long Island Chapter - Past Presidents

1958	H. Campbell, Jr. PE	1982	Timothy Murphy, PE
1959	Clyde Alston, PE	1983	Leon Taub, PE
1960	Sidney Walzer, PE	1984	Raymond Combs
1961	Sidney Gayle	1985	Edward W. Hoffmann
1962	William Kane	1986	Jerome T. Norris, PE
1963	Louis Bloom	1987	Abe Rubenstein, PE
1964	Milton Maxwell	1988	Michael O'Rourke
1965	Will Reichenback	1989	Mel Deimel
1966	Joseph Minton, PE	1990	Robert Rabell
1967	Irwin Miller	1991	Gerald Berman
1968	Walter Gilroy	1992	Donald Stahl
1969	Charles Henry	1993	Ronald Kilcarr
1970	William Wright	1994	Jerald Griliches
1971	Louis Lenz	1995	Walter Stark
1972	Ronald Levine	1996	Joe Marino
1973	Henry Schulman	1997	Norm Maxwell, PE
1974	Myron Goldberg	1998	Alan Goerke, PE
1975	John N. Haarhaus	1999	Frank Morgigno
1976	Richard K. Ennis	2000	Michael Gerazounis, PE
1977	Kenneth A. Graff	2001	Ray Schmitt
1978	Evans Lizardos, PE	2002	Steven M. Stein, PE
1979	Albert Edelstein	2003	Andrew Braum, PE
1980	Ralph Butler	2004	Claudio Darras, P.E.
1981	Robert Rose, PE		



Membership

I would like to take a moment to thank all of our chapter members that have helped recruit new members. Keep up the good work.

A special note to those new members that have joined ASHRAE and our chapter this year. Why not take advantage of our mentoring program? We have long time ASHRAE members who are seasoned professionals available to answer your questions and give you professional guidance. They are just a phone call away and the help is free.

See you at our next meeting.

Peter Gerazounis, P.E.
Membership Chairman

Research Promotion

ASHRAE would like to thank last month's contributors...

- ADE Systems
- GA Fleet
- Gil-Bar Industries
- MSW Equipment

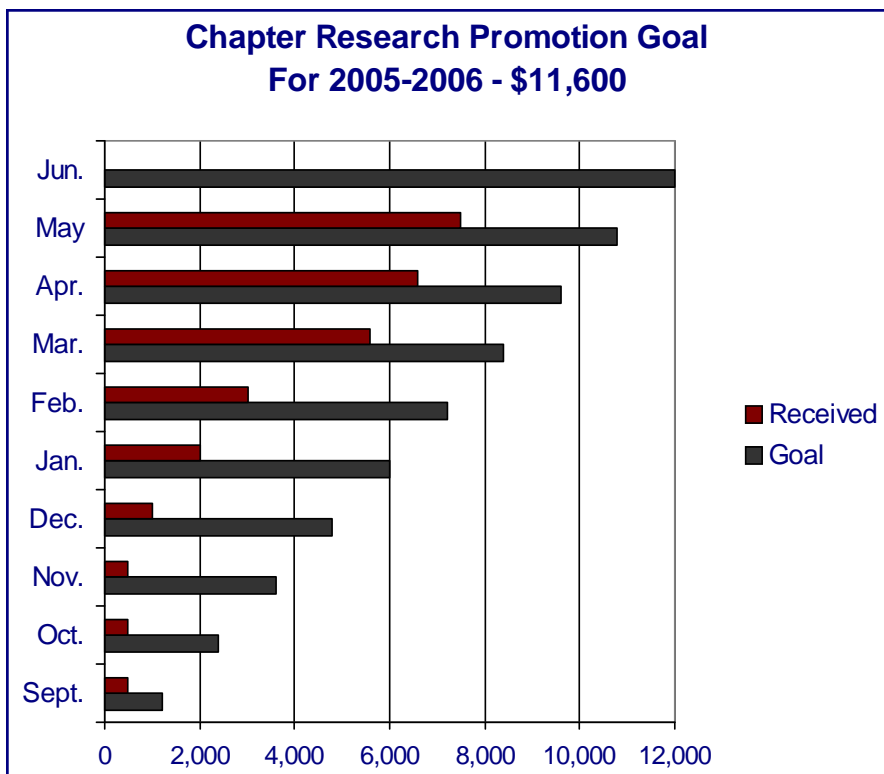
Thank you again to this year's contributors and remember there is still time to make your contribution. Please help seed our future.

Contributions can still be mailed to:

Mr. Steven Giammona
ASHRAE Research Promotion Chairman
c/o MGJ Associates
116 West 32nd Street, 12th Floor
New York, NY 10001

Thanks!

Steven Giammona, P.E.
Research Promotion Chairman



CLASSIFIEDS

**As a Courtesy to all Long Island Chapter Members,
All Classifieds Ads Submitted to the Newsletter will be Free of Charge.**

If you would like to place an ad advertising job opportunities or if you would like to advertise that you are looking for employment please contact our chapter's Treasurer, Mr. Steve Giammona via email at sgiammona@mgjassociates.com or at 212-643-9055 for further details.

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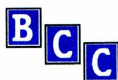
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