

# THE LONG ISLAND SOUNDER

September 2006



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

www.ashraeli.org

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

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## President's Message

Greetings. I hope everyone has had an enjoyable summer. It seems like just yesterday we were wishing each other well at the June meeting. And that's a good place to start. I would like to thank all of our past presidents and members who made it to the June meeting. It was a fun evening and it was great to see everyone. Keeping with tradition we honored our past presidents, installed our new officers and had the special opportunity to present the student scholarship winners with their awards.



It's been a busy summer for the chapter board members. We held our committee and officer turnover meeting on July 11<sup>th</sup> at the Westbury Manor. The responsibility of each position was reviewed and we established the chapter plan for this upcoming year. An important change that occurred effects the positions of Secretary and Student Activities Chair. Mr. James Hayes who was elected to the Secretary position has stepped down due to business reasons. We thank James for all his past work for the chapter and wish him the best for the future. By board nomination and appointment, Nancy Roman has moved to the position of Secretary, Carolyn Arote has advanced to Board of Governors one year and Brian Simkins was nominated and elected to Board of Governors two years. Brian will also be our Student Activities Chair. In addition to normal business we also established a committee to plan the chapter's 50<sup>th</sup> year anniversary. We are currently looking for people to help out with this committee, so step up.

## CHAPTER MONTHLY MEETING

<b>DATE:</b>	<b>Tuesday, September 12, 2006</b>
<b>TIME:</b>	6:00 PM - Cocktails/Dinner 7:00 PM - Dinner Presentation 8:45 PM - Conclusion
<b>LOCATION:</b>	Westbury Manor South Side of Jericho Tpke. 25 Westbury, NY 11590
<b>FEES:</b>	
Members -	\$35.00
Guest -	\$40.00
Student -	\$15.00

*Reservations requested, but not required.  
Call (516) 333-7117*

The Long Island chapter was well represented at the Region 1 CRC Meeting held on August up in Portland Maine. Mr. Craig Marshall as chapter delegate and myself as chapter alternate participated in the business and planning meetings, and our chapter committee chairs attended the workshops. The minutes of the meetings will be available in the near future. Overall there was a strong feeling for the importance of ASHRAE and the role that ASHRAE will play in our future. If you have not done so lately, log on the [www.ashrae.org](http://www.ashrae.org) and check out what's happening. Our chapter came away with a number of society and regional awards:

- Certificate of Appreciation to Andrew S. Braum – Regional Vice Chair – Research promotion
- Presidential Award of Excellence to Craig D. Marshall – Chapter President 2005 / 2006
- Plaque for Outstanding Performance to Steven Giammona – Research Promotion
- Chapter Full Circle Award – Research Promotion
- Certificate for Chapter Honor Roll – PAOE
- Certificate for Research Promotion Highest Points – Level 3
- Plaque for the Black Ink Award to Liset Pena – The Long Island Sounder Newsletter

## Long Island Chapter Officers & Committees

### ASHRAE 2006/2007 OFFICERS

POSITION	NAME	PHONE	FAX	E-MAIL
President	John Nally	(631) 331-0215	(631) 928-4625	jn@atofny.com
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Vice President	Steven Friedman	(212) 695-1000	(212) 695-1299	sfriedman@lilker.com
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Treasurer	Richard E. Gerbe	(718) 269-3753	(718) 269-3598	rgerbe@trane.com
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Board of Governors	Brian Simkins	(203) 261-8100	(203) 261-1981	bsimkins@accuspecinc.com
Board of Governors	Craig D. Marshall P.E.	(203) 261-8100	(203) 261-1981	cmarshall@accuspecinc.com

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Historian	<b>Nancy Roman</b>	(516) 256-4800	(516) 256-3299	nroman@airdist.com
Student Activities	<b>Brian Simkins</b>	(203) 261-8100	(203) 261-1981	bsimkins@accuspecinc.com
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## President Message (Cont'd. from Page 1)

Thank you to all who participated and contributed to make these awards happen and a special thanks to Steve Giammona and Liset Pena for a task well done.

Also during the summer Dr. Charles Forsberg of Hofstra University received a grant from ASRAE in the amount of \$ 5,000.00 to help fund his senior project. We congratulate Dr. Forsberg and his students and look forward our future interaction.

Peter Gerazounis is busy coordinating our programs for the upcoming year. He has some interesting topics, speakers and joint meetings planned. As in the past, some of the presentations will qualify for PDH credits. September's meeting will feature Frank Bergamini of Air Distribution Enterprises who will be speaking on the Characteristics of Throw for Overhead Air Distribution Systems. See you all at the meeting.

**John Nally**  
*President - Long Island Chapter*

## Chapter Monthly Meeting - Program for 2006/2007

<b>September 12, 2006</b> * At Westbury Manor Dinner Presentation - Characteristics of Throw, Overhead Air Distribution Fundamentals	<b>February 2007 - TBD</b> <b>NATIONAL ENGINEERS WEEK DINNER</b>
<b>October 10, 2006</b> * At Westbury Manor Dinner Presentation - Contract Provisions & Risk Aversion	<b>March 13, 2007</b> <b>TBD</b>
<b>November 14, 2006</b> * At Westbury Manor Dinner Presentation - High Performance Design Guide for Energy Efficient Commercial Buildings	<b>April 10, 2007</b> <b>FIELD TRIP - TBD</b>
<b>December 12, 2006</b> Holiday Party - TBD	<b>May 7, 2007</b> * Cherry Valley Club, Garden City, NY <b>ANNUAL GOLF OUTING</b>
<b>January 9, 2007</b> <b>TBD</b>	<b>May 15, 2007</b> <b>TBD</b>
<b>February 13, 2007</b> * At Westbury Manor <b>JOINT MEETING WITH SMACNA</b> Dinner Presentation - TBD	<b>June 12, 2007</b> * At Westbury Manor <b>PAST PRESIDENTS &amp; OFFICER INSTALLATION</b> <b>TBD</b>
<b>February 2007 - TBD</b> ASHRAE Winter Meeting	<b>June 2007 - TBD</b> ASHRAE Annual Meeting
<b>August 2007 - Chapter Regional Conference Region I - TBD</b>	

## PAOE FINAL POINTS TOTALS FOR 2005/2006

Chapter Members	Membership Promotion	Student Activities	Research Promotion	History	Chapter Operations	CTTC	Chapter PAOE Totals
334	545	970	713	200	1,284	225	3,937

## September Chapter Meeting - Program



***You are cordially invited to our  
September 2006 Meeting...***



### **Dinner Presentation**

***"Characteristics of Throw-Overhead Air  
Distribution Fundamentals"***

*Presented by*

***Frank Bergamini, Vice President  
Air Distribution Enterprises***

**Attendees  
Will Earn  
1 PDH!**

<b>DATE:</b>	<b>TUESDAY, SEPTEMBER 12, 2006</b>		
<b>Time:</b>	6:00 PM – Cocktails and Hors D'oeuvres 7:00 PM – Dinner Presentation 8:45 PM – Conclusion	<b>Fee:</b>	\$ 35.00 Member \$ 40.00 Guest \$ 15.00 Student
<b>Location:</b>	<b>WESTBURY MANOR</b> (516) 333-7117 Jericho Tpke (South Side), 3/10 of mile east from Glen Cove Rd., Nassau County, NY. <b>Directions are posted at @ <a href="http://www.ashraeli.org">www.ashraeli.org</a>.</b> <b>- Reservations requested but not required. Business attire suggested</b>		
<b>Presentation:</b>	This month's presentation will go over the basics of room air distribution including system goals, occupant comfort goals, comfort guidelines and comfort equations. It will also cover grilles, registers and diffusers including their definitions, types and their applications. Finally, the course will provide an understanding of the different air patterns including high sidewall grilles, ceiling (radial, cross and star), plenum slot diffusers and exposed duct patterns.		
<b>About our Speaker:</b>	<b><u>Frank Bergamini</u></b> is a Vice-President and Engineering/Architectural consultant for Air Distribution Enterprises. He is actively involved in supporting engineers and architects to ensure the proper application and selection of air distribution devices. He has over 35 years experience in the field of HVAC design and sales engineering. Mr. Bergamini holds an Associate of Science Degree from Westchester Community College and completed four (4) years at Mechanics Institute and Trane Clinic (Principles of Air Conditioning).		

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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	2005	Craig D. Marshall, P.E.



## Membership

It is with much enthusiasm that I welcome you to the 2006-2007 year of ASHRAE. I just got back from the CRC in Maine, where I learned what my and your duties for the year would be.

As the Chairperson for Membership it is my responsibility to promote new membership and keep existing members coming back for more. At the CRC I learned techniques for doing my job which I will focus on, such as calling out to existing members, and helping new members feel welcome.

The one favor I ask of you: If you know of any persons who you think would benefit from our society and coming to our local meetings please let me know. Either drop me a line and give me their name, or bring them to a meeting yourself. This is a great year to get people involved. We will be having a lot of great meetings, several of which will earn PDH credits.

Welcome to our new year, I am sure it will be both educational and fun.

**Carolyn Arote**  
**Membership Chairman**

## Research Promotion

Welcome back for another exciting year with the Long Island chapter of Ashrae, hope everyone had a safe and enjoyable summer. As I come back for a second term as Resource Promotion Chair, I look forward to working with all of you who are past contributors and new contributors to generate funds for a worth while cause. This year's chapter regional conference (CRC) for Research Promotion was held in Atlanta, Georgia and during this briefing, leaders from Ashrae Headquarters spoke to us about what is up and coming for this fiscal year. This year's overall resource promotion goal is \$2 million dollars with 70 to 80 research projects pending and in motion. Our chapter is expected to generate \$13,000.00 of the overall goal. The focus of this year's research projects range from indoor air quality improvement studies, airside bio-terrorism counteraction, energy reduction and co-generation design. The task has been given to us and all regions to generate the revenue to fund these projects.



I will be contacting all of our past contributors who have generously contributed over the years and looking forward to new contributors as well. Please help support the industry which supports you. You can either contribute personally by check made out to Ashrae Research Promotion or on line by going to [www.Ashrae.org](http://www.Ashrae.org). Please remember to accredit your contribution to the Long Island Chapter 006 if contributing on-line. Look forward to seeing everyone at our September meeting.

**Steven Friedman**  
**Research Promotion Chairman**

## Student Activities

This is my first year involved with student activities and it looks to be a busy time. ASHRAE Society has, and is making a big effort to spark the interest of our youth and encourage them to pursue a career in HVACR. We're not talking just college level activities here, but a full court press from K to 12, college and beyond. Society has created a number of presentations, demonstrations, contests and of course scholarships to feed the need. Traditionally our chapter's involvement has been at the college level but this year we are reaching out to the young as well. I would ask anyone who may be involved with K to 12 activities either through school, scouting or other similar interests to consider having our student activities committee come in for a show and tell. Also, if any of our consulting engineers are or have used students in your office for work assistance please let us know.



For our existing student members we urge you to continue with your participation in ASHRAE and please take advantage of the resources available to you from both Society and our local chapter. Need a mentor? Give us a call. That's all for now folks. In the near future we will be bringing you news of the events we have planned for this year, but for now we are just getting started.

**Brian Simkins**  
**Student Activities Committee**



## History

It is my pleasure to welcome you back to another great year with our Long Island chapter. ASHRAE Region 1 CRC was held in Portland, Maine this summer where we all partook in a little history.

As your new chapter historian I attended the workshops, which made me realize what an important role it is to not only share our chapter history, but maintain our archives. As time goes on, the archives pass through the many hands of people who have or will contribute to our history. Those very hands are without intention the same ones that deteriorate the paper on which it's held. There is an incredible amount of information that needs to be preserved. Just because we're talking history doesn't mean we can't take a step into the future. My goal this term is to digitize chapter archives.

Speaking of the future..... Answer this to get some insight on next dinner presentation:

In air conditioning, it is exploited to increase the throw of a ceiling mounted diffuser. It causes air discharged from the diffuser to "stick" to the ceiling. It makes the discharge air travel further before dropping for the same discharge velocity than it would if the diffuser was mounted in free air, without a ceiling. In variable air volume systems it permits greater turn down ratios.

This principle is the \_\_\_\_\_ discovered in 1930 by Romanian inventor \_\_\_\_\_. Although the discovery was originally made during aircraft development experiments it is fundamental in air distribution today.

**Nancy Roman**  
**Chapter Historian**

*(Answers located on Page 11)*

## Past Presidents/Officer Installation Night - June 2006



**Past Presidents (top left):** Claudio Darras, Raymond Combs, Michael O'Rourke, Ronald Kilcarr, Michael Gerazounis, Raymond Schmitt and Frank Morgigno, **(bottom left):** Mel Deimel, Leon Taub, Henry Schulman and Craig Marshall



**Michael Gerazounis Performing Officer Installation Ceremony:**  
**(left to right):** Michael Gerazounis, Craig Marshall, Nancy Roman, Rich Gerbe, Steve Giammona, Steve Friedman, Peter Gerazounis and John Nally.

## CTTC

I am this years chair to the Chapter Technology Transfer Committee (CTTC). The scope of this committee is to transfer current and relevant information throughout the HVAC&R industry, develop and maintain high quality and readily available tools to enable chapters to offer information and attractive industry related information and programs to all target segments and to maintain a committee structure that supports effective and enthusiastic activities by its volunteer members.

The Long Island chapter has set some aggressive goals this year and these goals cannot be reached without your support. In order to better serve the members of the chapter and to help in societies goal of advancing the science of HVAC your participation is critical. There are numerous ways to get involved. One way is by joining the chapter technology transfer committee. New members are always welcome and a few positions on the CTTC are currently vacant.

The CTTC is encouraging all firms to submit award applications for the Ashrae awards program. This is an easy way for the chapter to gain notoriety and for firms to demonstrate their abilities by submitting their favorite projects and to recognize the achievements of your firm and its employees. These awards included the Milton Garland award, Dan Mills award, Governmental Activities award and Technology awards. Please log on to [www.ashrae.org](http://www.ashrae.org) for award descriptions and for the short form applications.

The CTTC has begun establishing an Ashrae Library for technology transfer. The Library will be a source for borrowing Ashrae position papers, standards and handbooks, design manuals, codes, technical papers and more. This can be an excellent way to consolidate information and provide a resource for those unique questions that sometimes arise. This technology transfer will be available at the monthly meetings and requests for information can be made throughout the month. In order for this to be successful, members are asked to donate any books, manuals or materials relating to Ashrae or the HVAC/R industry.

If you are interested in getting involved or need additional assistance I can be contacted via telephone at MGJ Associates, tel. 212-531-8324 or by e-mail at [sgiammona@mgjassociates.com](mailto:sgiammona@mgjassociates.com).

**Steven Giammona, P.E.**  
*Chapter Technology Transfer Committee Chair*

### ASHRAE Technology Transfer Library

The ASHRAE Technology Library is available to all ASHRAE Long Island Members.

Now all members have local access to ASHRAE publications:

**Handbooks  
Standards  
Technical Papers  
Software  
Guidelines  
Information on ASHRAE  
Bookstore Order Forms**

To borrow see our monthly display or contact:

**Steve Giammona @ [sgiammona@mgjassociates.com](mailto:sgiammona@mgjassociates.com)**



# ASHRAE REGION 1 EXECUTIVE COMMITTEE 2006-2007



## Director & Regional Chairman (DRC)

### DRC – Director & Regional Chair

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## 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. Richard Gerbe via email at [rgerbe@trane.com](mailto:rgerbe@trane.com) or at 718-269-3753 for further details.*

**Answers to History's "Fill in the Blanks"**

**Answers: 1. Coanda Effect 2. Henri Coanda**

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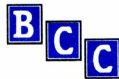
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