

# THE LONG ISLAND SOUNDER

March 2007



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. Once again it was nice to see those folks who came out to our February meeting. We had an excellent program featuring a panel discussion with SMACNA members on duct specifications, construction & installation. It was a good exchange of information between our two organizations and hopefully beneficial to all. Special thanks to Mr. Bill Reichling representing SMACNA our programs chair Mr. Peter Gerazounis for putting it together. We also recognize and appreciate the other SMACNA members who participated on the panel and those in attendance in the audience. Our meeting was also a membership promotion night for ASHRAE. Our membership chair Ms. Carolyn Arote announced five recent new members to our chapter and we also signed a new member at the meeting. Our chapter roster continues to grow thanks to the hard work of Carolyn and the membership committee.



Around the time I was looking forward to my third birthday, a local group of HVAC industry professionals called "Steering Committeemen" were busy collecting petition signatures and new applications. The purpose of the petition was to request authority to organize the beginning of the Long Island Chapter of the American Society of Heating & Air Conditioning Engineers. This was back in the days when there was no "R" for refrigeration in the acronym and Society headquarters was based in New York City. These fellows with a lot of "leg work", remember there were no faxes or e-mails in those days, collected signatures from 21 Society members and completed applications for 26 new members. With petitions and applications in hand, they all meet on September 12<sup>th</sup>, 1957 in the auditorium of the Willis Avenue School in Mineola. This was an "organizational meeting" and it was called to order at 8:30 PM by Mr. John Everetts Jr., who was the Society Director of Region 1. Mr. Everetts went on to speak about the "aims, purposes, benefits and history" of the Society, tracing its growth from the first Chapter in 1906. The Long Island Chapter would become the 70<sup>th</sup> Chapter to be formed. Mr. Everetts also spoke about the various research projects and their impact on the industry. After Mr. Everetts concluded, the meeting was turned over to the new Chairman, Mr. Henry Campbell Jr. who spoke on the purposes and benefits of forming a local chapter. Mr. Campbell went on to ask for volunteers for the necessary committees; Nominating, By-laws, Charter Meeting and Membership. After accepting volunteers, Mr. Campbell asked the Steering Committeemen to turn over the petitions and applications to Mr. Fred Hoffman, Assistant to the Executive Secretary of Society for processing at their next admissions and advancement meeting. The meeting was adjourned at 10:45 PM and there were 52 persons in attendance. The petitions were received at Society on October 2<sup>nd</sup>, 1957 and on October 12<sup>th</sup> the Charter for the Organization of the "Long Island Chapter of

## CHAPTER MONTHLY MEETING

<b>DATE:</b>	<b>Tuesday, March 13, 2007</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 of

Cont'd. on Page 3

## Long Island Chapter Officers & Committees

### ASHRAE 2006/2007 OFFICERS

POSITION	NAME	PHONE	FAX	EMAIL
President	John Nally	631.331.0215	631.928.4625	jn@atiofny.com
President-Elect	Peter Gerazounis, P.E.	212.643.9055	212.643.0503	pgerazounis@mgjassociates.com
Vice President	Steven Friedman	212.695.1000	212.695.1299	sfriedman@lilker.com
Financial Secretary	Steven Giammona, P.E.	516.224.5214		sgiammona@cameronengineering.com
Treasurer	Richard E. Gerbe	718.269.3753	718.269.3598	rgerbe@trane.com
Secretary	Nancy Román	516.256.4800	516.256.3299	nroman@airdist.com
Board of Governors	Carolyn Arote	516.256.4800	516.256.3299	carote@airdist.com
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

### ASHRAE 2006/2007 COMMITTEES

COMMITTEE	NAME	PHONE	FAX	EMAIL
Programs & Special Events	Peter Gerazounis, P.E. Richard Rosner, P.E.	212.643.9055 631.737.9170	212.643.0503 631.737.9171	pgerazounis@mgjassociates.com rrosner@csfllc.com
Membership	Carolyn Arote	516.256.4800	516.256.3299	carote@airdist.com
Chapter Technology Transfer	Steven Giammona, P.E. Richard Rosner, P.E.	516.224.5214 631.737.9170		sgiammona@cameronengineering.com rrosner@csfllc.com
Newsletter Editor	Liset Peña	212.643.9055	212.643.0503	lpena@mgjassociates.com
Resource Promotion	Steven Friedman	212.695.1000	212.695.1299	sfriedman@lilker.com
Historian	Nancy Roman	516.256.4800	516.256.3299	nroman@airdist.com
Student Activities	Brian Simkins Carolyn Cammalleri	203.261.8100 631.549.1000	203.261.1981	bsimkins@accuspecinc.com ccammalleri@lilker.com
Webmaster	Richard E. Gerbe	718.269.3753	718.269.3598	rgerbe@trane.com
Nominating	Michael Gerazounis, P.E.	212.643.9055	212.643.0503	mgerazounis@mgjassociates.com
Reception & Attendance	Robert Morgigno	631.331.0215	631.928.4625	rm@atiofny.com
PR & Engineering Joint Council of LI	Richard E. Gerbe	718.269.3753	718.269.3598	rgerbe@trane.com
Golf Outing	Peter Gerazounis, P.E. Steven Friedman	212.643.9055 212.695.1000	212.643.0503 212.695.1299	pgerazounis@mgjassociates.com sfriedman@lilker.com

**Editor's Note:** The appearance of any technical data, editorial material, or advertisement in this set of publications does not constitute endorsement, warranty or guaranty by ASHRAE of any product, service, procedure, design, or the like. ASHRAE does not warrant that information is free from errors, and ASHRAE does not necessarily agree with any statement or opinion in this set of publications. The entire risk of the use of any information in this set of publications is assumed by the user. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without special permission.

## President Message (Cont'd. from Page 1)









the Heating and Air Conditioning Engineers" was officially issued. This October will mark our 50<sup>th</sup> anniversary as a chapter. This is certainly a landmark for us and we are planning a special anniversary event you won't want to miss.

This month we will feature a presentation by Mr. Brian Ruglewicz from Chimney Design Solutions on chimney design and combustion / ventilation requirements. Mechanical rooms and heating equipment design is constantly evolving creating many challenges for ventilation and exhausting. The lecture will discuss the latest techniques and code requirements. Brian is very knowledgeable on this topic and we look forward to an enlightening presentation. Please mark your calendar, grab your hat and coat and come to the meeting.

Once again I would like to thank everyone who has contributed to ASHRAE research. As most of you know the money is used to support research and development in many different areas. We have a long way to go achieve our chapter goal for this year so if you haven't already done so, please consider a donation. There shouldn't be any doubt that in order to develop a sustainable future, we need to invest today.

**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</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> Dinner Presentation - Chimney Design & Combustion/ Ventilation Requirements for Gas-Utilization Equipment
<b>November 14, 2006</b> * At Westbury Manor  Dinner Presentation - High Performance Design Guide for Energy Efficient Commercial Buildings <b>RESOURCE PROMOTION &amp; STUDENT ACTIVITIES NIGHT</b>	<b>April 10, 2007</b> <b>FIELD TRIP - TBD</b>
<b>December 5, 2006</b>  Holiday Party - Westbury Manor	<b>May 7, 2007</b> * Cherry Valley Club, Garden City, NY <b>ANNUAL GOLF OUTING</b>
<b>January 9, 2007</b> * At Westbury Manor  <b>DINNER PRESENTATION BY</b> Dinner Presentation: <i>The ASHRAE Promise: A Sustainable Future</i> <b>BY TERRY TOWNSEND SOCIETY PRESIDENT</b> Joint Meeting with ACCA	<b>May 15, 2007</b> <b>ASHRAE DISTINGUISHED LECTURER</b> Dinner Presentation - Thermal Energy Storage & Leed
<b>February 13, 2007</b> * At Westbury Manor  <b>JOINT MEETING WITH SMACNA</b> Dinner Presentation - TBD <b>MEMBER PROMOTION NIGHT</b>	<b>June 12, 2007</b> * At Westbury Manor <b>PAST PRESIDENTS &amp; OFFICER INSTALLATION</b>
<b>February 2007</b>  ASHRAE Winter Meeting	<b>June 2007 - TBD</b> ASHRAE Annual Meeting
<b>August 2007 - Chapter Regional Conference Region I - TBD</b>	

## RUNNING PAOE POINTS FOR 2006/2007

Chapter Members	Membership Promotion	Student Activities	Research Promotion	History	Chapter Operations	CTTC	Chapter PAOE Totals
336	350	110	480	300	900	120	2,260

## Board of Governors Meeting Minutes

A meeting of the Board of Governors was held on Tuesday, February 13, 2007 at the Westbury Manor. Present at the meeting were: John Nally, Peter Gerazounis P.E., Steven Friedman, Richard Gerbe, Nancy Román, Carolyn Arote, Brian Simkins and Alan Goerke. John Nally called the meeting to order at 5:23 PM and the following was discussed:

**General Discussion-** A committee is to be formed to plan the dinner cruise for the 50<sup>th</sup> chapter anniversary next year and will meet in March. John Nally proposed an increase in the golf outing fees to \$300 and sponsorship solicitation. Membership renewal chapter dues have been increased to \$45.

**Treasurer Report-** Rich Gerbe reported a checking account balance of \$17,818.52 and a Merrill Lynch account balance of \$ 7,462.30. There are no outstanding invoices nor bills.

**Programs-** Peter Gerazounis reported that all programs have been scheduled with the exception of the field trip which will be determined.

**Research Promotion-** Steve Friedman reported that this year's contribution to L.I. chapter research donation is \$ 4,000 to date and the goal is \$12,500.

**Student Activities-** Brian Simkins reported Hofstra students obtained internships via the monthly ASHRAE newsletter.

**Membership-** Carolyn Arote reported a distribution of member advancement forms to eligible members.

**Website-** Rich Gerbe reported his progress on finding a new host. In addition he proposed we consider Acteva services, an online service to facilitate event registration and payment management for those attend monthly meetings and events.

**History-** Nancy Román reported storing of electronic records for recent years. History displays and archives will be brought in on history night in June.

Meeting Adjourned 6:00 PM

***Nancy Román***  
***Secretary***



## March Program

*You are cordially invited to our March 2007 Meeting...*



### Dinner Presentation

***“Chimney Design & Combustion/ Ventilation Air Requirements for Gas-Utilization Equipment ”***

*Presented by*

***Brian W. Ryglewicz***

***Chimney Design Solutions, Inc.***

<b>DATE:</b>	<b>TUESDAY, MARCH 13, 2007</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>Presentation:</b>	This presentation will clarify the national venting categories for gas-utilization equipment while explaining the proper protocols for ensuring that the chimney systems are designed to maximized safety and efficiency. In addition, the pertinent national, state, and local venting codes and chimney design standards will be presented. Combustion and ventilation air requirements will also be presented.		
<b>About our Speaker:</b>	<p><b><u>Brian W. Ryglewicz</u></b>, President of Chimney Design Solutions, has been involved with chimney design and the applicable codes since 1997. For five years, Mr. Ryglewicz was an engineer for the leading manufacturer of chimney draft technology equipment and has since worked with consulting engineers, architects, and Design/Build contractors in the New York City Metropolitan Area. Mr. Ryglewicz is currently serving on the Mechanical/HVAC/Boiler Technical Committee for NYC's Model Code Program.</p> <p>In 1999, Mr. Ryglewicz was a guest member for the assessment of NFPA 54-2002 (ANSI Z223.1). Furthermore, Mr. Ryglewicz is a current and active member of the American Society of Heating Refrigeration and Air-conditioning Engineers (ASHRAE), the International Code Council (ICC), and the National Fire Protection Association (NFPA).</p>		

CHAPTER MAY NOT ACT FOR SOCIETY

An International Organization





## 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.



## Student Activities - Participation

The more I become involved with student activities the more I realize what a valuable resource ASHRAE can be to engineering students. As members we all know how ASHRAE is at the front of HVAC&R technology and we appreciate the diversity the 50,000 + members bring to Society. Drawing on this knowledge is a tremendous opportunity for any engineering student. Our job as members is to reach out to the students and offer them the benefits of our life experience. On that note, we are looking to develop a program by which students working through our chapter members, can obtain mentoring and internships. We need you to step forward and say, "yes I'll help". Lets plant the seeds for the future.

If you are a student reading this, we encourage you to participate in our local chapter activities. Let us show you what's going on in ASHRAE. Did you know that there are scholarships, grants, design competitions and technical publications available to you? Let us help you take advantage of these opportunities.

The student activities committee could use some help with people, places and things to do. Please let us know if you have any opportunities to get some young engineers involved in ASHRAE.

We should have an update on our Hofstra Rube Goldberg activities at the next chapter meeting. We will be looking for Scholarship recipients in the very near future, this is a great reason for students to get involved in ASHRAE so keep a look out.

Please visit: <http://www.ashrae.org/students/> for more information on all the Student ASHRAE activities and opportunities.

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



## History

Look around at the landscape of Long Island and you will see the history of our chapter members past and present. Buildings of all types, offices, apartments, schools, hospitals, stadiums and the countless manufacturing operations are a tribute to all the HVAC designers and tradesmen who helped build them. Some projects are in the public eye and enjoy notoriety. Others, which may be in the private or government sector often aren't as visible but are every much as important. One such project that took place in the 1980's was the Colliding Beam Accelerator (CBA) that was constructed at Brookhaven National Laboratory.



Some of our chapter members participated in the construction and operation of a very unusual refrigeration system for this new accelerator built at Brookhaven. The magnets, which control the particle beams operate at a temperature of 4K and need a refrigeration system to cool them. With a lot of design study, the resultant helium refrigeration system became the world's highest capacity refrigerator in the 4K range. The initial CBA would later become the Relativistic Heavy Ion Collider and would see future refrigeration design changes. The initial system would operate at two temperature levels. It produced a refrigeration effect, which was the equivalent of approximately 25 KW at 4K with the designed output as follows:

- 55 KW at 55K for heat shield cooling.
- 13.65 KW at 4K for magnet cooling.
- 100 G/S at 4K (liquefaction) for power leads.

Supercritical helium was pumped around to the loops by a centrifugal compressor and the heat was rejected to sub cooler heat exchangers. The other side of the heat exchangers contained boiling liquid helium.

The technical detail and explanation of this whole system would require far more space than I have to write in. I think most folks however will get the idea that this was not your typical restaurant refrigerator. The collider is not visible from the street and may not be publicly popular but it has made extraordinary contributions to scientific research in particle physics. Putting it into perspective, it's important to remember that the contributions of ASHRAE's members go well beyond the limits of creature comforts.

**Nancy Román**  
*Chapter Historian*

## Membership

I would first like to welcome Ming Chen, Robert Morgigno and Joseph Mankowski to ASHRAE membership and to the Long Island Chapter. Your membership will prove to be a valuable investment for your future and we look forward to your participation with our chapter and seeing you at our monthly meetings.

A reminder please to those who are delinquent with your Society and Chapter dues, please send off your payment at your earliest convenience. Don't let your membership lapse.

We are having a good year with new member recruitment. A special thanks to our committee and participating members in this effort. I would like to take this opportunity to review a few of the reasons for being a member in ASHRAE. First, ASHRAE keeps us informed of the latest technologies and is instrumental in reporting field tests and findings. The articles published in the ASHRAE Monthly Journal are an excellent source of information. Second, standards developed by ASHRAE are key when designing or constructing a project. Third, communications with our chapter members keep you in touch with other industry professionals. You will find the answer to your questions here and your knowledge will serve to help others.

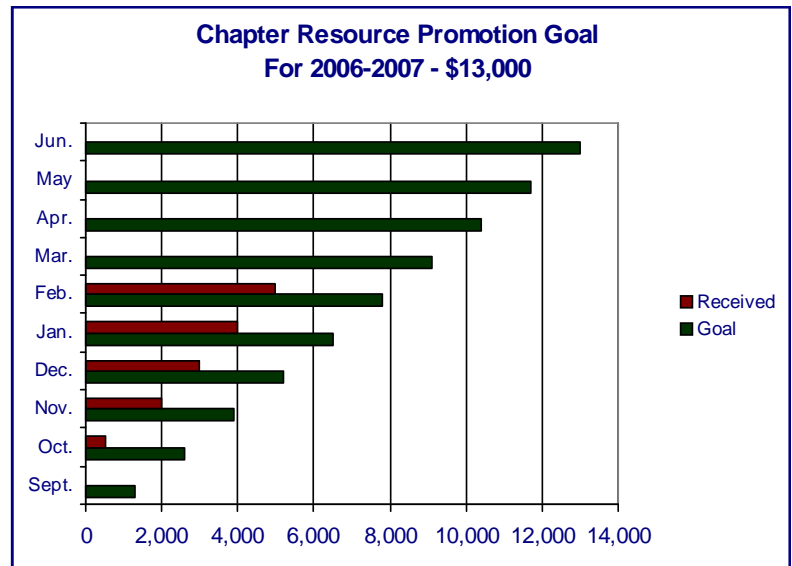
See you at our next meeting.

**Carolyn Arote**  
*Membership Chairman*

## Research Promotion

Fellow Ashrae members, I have recently been able to access and track the donation support for our chapter on line since the main computer system upgrade done in Atlanta. I am happy to report that donations have increased in the past few months. I would like to thank all of you who have taken the time to donate to a very worthy cause.

To date, the current monies allocated for Ashrae research is \$5069.00. Unfortunately, this is less than half of what is expected from our chapter. I would like to reiterate that our chapter has won several awards at the Chapter regional Conference and has gained great recognition throughout the region as a leader in financial support. Our goal is \$13,000.00 and I believe we can still obtain these numbers.



I have attached a donation letter here in the newsletter for all to use (See Page 9). It will only take five minutes of your time to fill it out, attach a check and send it off to Ashrae directly or to myself. You can also deliver your donation to me personally at our monthly chapter meeting. If you prefer to donate on-line in lieu of sending out paper, cut and paste the link below into your browser:

[https://www.ashrae.org/aboutus/resource\\_promotion.asp](https://www.ashrae.org/aboutus/resource_promotion.asp)

I cannot stress the importance of research dollars to aid and support the design standards by which we all rely upon when designing and referencing systems. Your donations are tax deductible. There are many of you who have contributed in previous years but have not contributed this year. Please take the time to do so.

Thank you for your time and cooperation.

**Steven Friedman**  
**Research Promotion Committee Chair**





## ASHRAE Resource Campaign 2006-2007



### ASHRAE Resource Promotion Campaign 2006-07 Long Island Chapter

Committee Chair: Steven Friedman

Please complete the form below and send it to the following address:

ASHRAE Long Island Chapter Resource Promotion  
C/o Lilker Associates Consulting Engineers, P.C.  
1001 Avenue of the Americas, 9<sup>th</sup> Floor  
New York, NY 10018  
Attn: Steven Friedman

If paying by check, please make your check payable to “**ASHRAE Research.**”

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PLEASE COMPLETE THE INFORMATION FOR EACH DONATION AND SEND WITH DONATION – PLEASE PRINT

**Please check one:** ( ) Personal Contribution ( ) Company Contribution Check # \_\_\_\_\_ Donation Amount: \$ \_\_\_\_\_

**Charge the gift to:** ( ) Visa ( ) Mastercard ( ) AMEX Credit Card # \_\_\_\_\_ Exp \_\_\_\_\_

Name: \_\_\_\_\_ ASHRAE Member #: \_\_\_\_\_

Company: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_ Chapter to credit: **LONG ISLAND – 006**

**Apply Donation to:** (X) Research ( ) Learning Institute ( ) Foundation \_\_\_ General \_\_\_ Research ( ) General (unrestricted)

#### Memorial/Honor Gift Section Only

Memorial ( ) Honor Gift ( ) For: \_\_\_\_\_

Please send acknowledgement to: \_\_\_\_\_ Relation to deceased/Honoree: \_\_\_\_\_

Address: \_\_\_\_\_

## ASHRAE Release No. 1

### ASHRAE Offsets Emissions at Meeting; DuPont Contributes

ATLANTA — ASHRAE's recent 2007 Winter Meeting earned event certification under Leonardo Academy's Cleaner and Greener®/Health and Climate Care Program.

The current emission offsets donated by attendees for the meeting, held Jan. 27-30 in Dallas, have offset more than 120 percent of the carbon dioxide emissions.

ASHRAE invited attendees to make charitable donations to the Cleaner and Greener Program for the purchase of offsets for the meeting. This provides attendees with the opportunity to take personal responsibility for offsetting the emissions caused by their participation in this event.

DuPont Refrigerants also contributed with a donation of 3000 metric tons of carbon dioxide equivalent emission reduction. The donated emission reductions were created in 2003 as the result of HFC-23 emissions reductions at the DuPont Louisville Works Facility in Kentucky.

"ASHRAE thanks DuPont for its support in donating emission offsets equal to 120 percent of the estimated CO2 emissions of the meeting," Terry Townsend, P.E., ASHRAE president, said. "In addition to this donation, ASHRAE's Greening of ASHRAE Meetings and Expositions (GAME) Committee was able to achieve a tremendous participation by meeting attendees who made personal contributions towards CO2 offsets. Collectively, ASHRAE members and DuPont offset 6.6 million pounds of CO2 emissions, another showing of ASHRAE's commitment toward achieving a sustainable future."

"DuPont Refrigerants was very pleased to contribute to help offset emissions for the ASHRAE meeting," said Mark Baunchalk, global business manager, DuPont Refrigerants. "The donation was made in honor of the 20th anniversary of the Montreal Protocol, and is directly in line with our commitment to demonstrate responsible environmental leadership across the cooling value chain, and support the industry in its move toward the broader adoption of more sustainable cooling solutions."

The Cleaner and Greener® Program helps organizations quantify their emissions footprint and develop strategies to reduce and offset their emissions and certifies their level of achievement in offsetting their emissions. This program addresses emissions that impact human health and climate.

Michael Arny, president of Leonardo Academy, said, "I congratulate ASHRAE for stepping up to offset the emissions of its Winter Meeting. By taking this leadership in quantifying and offsetting the emissions, ASHRAE provides an example of how we all can take stock of the emissions we cause and take action to reduce and offset these emissions."

More information as well as a list of individuals who have made donations can be found at [www.ashrae.org/offsetdallas](http://www.ashrae.org/offsetdallas).

ASHRAE, founded in 1894, is an international organization of 49,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

DuPont – one of the first companies to publicly establish environmental goals 16 years ago – has broadened its sustainability commitments beyond internal footprint reduction to include market-driven targets for both revenue and research and development investment. The goals are tied directly to business growth, specifically to the development of safer and environmentally improved new products for key global markets. DuPont is a science-based products and services company.

Leonardo Academy is a charitable (501c3) nonprofit organization that promotes sustainability. Leonardo Academy helps companies, organizations and individuals reduce their overall environmental footprints including implementing LEED® in their buildings.

# 8th Annual ASHRAE Golf Outing - Monday, May 7th, 2007



**Place:** Cherry Valley Club  
Garden City, NY

**Brunch:** 11:00 am

**Shotgun Start:** 12:30 pm

**Reception:** 5:30 pm

**Dinner:** 6:30 pm



**This event fills up fast, to guarantee a spot RSVP Soon.  
(2) Foursome Limit Per Company.**

*Proper golf attire and shoes are required. Locker room and shower privileges are included.*

**CHECKS MUST BE IN BY APRIL 13, 2007**

*Fax entire sheet or cut this half and return*

Name \_\_\_\_\_ Company: \_\_\_\_\_  
Address: \_\_\_\_\_ Phone: \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ Fax: \_\_\_\_\_

Guest 1: \_\_\_\_\_ Company: \_\_\_\_\_  
Guest 2: \_\_\_\_\_ Company: \_\_\_\_\_  
Guest 3: \_\_\_\_\_ Company: \_\_\_\_\_



Please make check payable to:

**ASHRAE**

Mail checks to:

MGJ Associates

Attn.: Peter Gerazounis, P.E.

116 West 32nd Street, 12th Fl

New York, NY 10001

Fax: (212) 643-0503

Golf & Meals:	\$300pp x _____	= \$ _____
Reception and Dinner:	\$130pp x _____	= \$ _____
Sponsor Dinner:	\$1,000 <input type="checkbox"/> YES	= \$ _____
Sponsor Lunch:	\$ 500 <input type="checkbox"/> YES	= \$ _____
Sponsor Reception:	\$ 500 <input type="checkbox"/> YES	= \$ _____
Sponsor Prizes:	\$ 500 <input type="checkbox"/> YES	= \$ _____
Sponsor Beverage Cart:	\$ 500 <input type="checkbox"/> YES	= \$ _____
Sponsor Hole:	\$ 200 <input type="checkbox"/> YES	= \$ _____

## 8th Annual ASHRAE Golf Outing - Program

**Cherry Valley Club**  
**28 Rockaway Avenue at Third Street**  
**Garden City, NY**  
**Telephone: (516)746-4420**  
**Fax: (516)746-4421**

### **PROGRAM:**

**11 a.m. Brunch in the Clubroom & Lounge** – including Omelet station, deluxe deli board with rolls, chicken scarpiello, danish, croissants, bagels & cream cheese, sliced nova, fresh fruit and cheeses, Good Humor ice cream cart.

**12:30 p.m. Shotgun Start Golf** – Playing individual scores. Prizes for long drive, closest to the pins, low gross and callaway. Refreshments at the halfway house will include packaged snacks and whole fresh fruit, hot dogs, beer & soda. A snack cart will also be on the course. Carts, forecaddies, driving range, locker room and showers are all included in the price.

**5:30 p.m. Following Golf - Open Bar with hot and cold horsd'ouvres in the Main Lounge.** Fresh mozzarella with sundried tomatoes, cajun chicken, spring rolls, baby lamb chops, sesame chicken, turkey canapés, fried oysters, cheeses, fresh fruit, lobster halves, fresh clams & oysters, shrimp and crab claws.

**6:30 p.m. Reception Dinner – Awards and raffle in the Main Dining Room.** Carving stations of beef tenderloin & turkey breast. Chafing dishes of chicken & salmon featuring the chef's specialty, pasta station with marinara or vodka sauce, and choice of tossed or Caesar salad. Viennese dessert table following the dinner featuring pastries, fruit, cookies, assorted cakes and pies. Full beverage service throughout is included.

Women are also invited to attend and participate. There are locker room facilities available. The Cocktail hour and Dinner will also be available for those who cannot attend during the day for the golf.

**Note:** We are limited to 128 golfers. Openings will be filled on a first come-first serve basis. Corporate sponsorships will be available and raffle items will be welcome. Proper golf attire is a requirement for the golf course. Soft spikes are required. Please wear a jacket for the dinner.

## 8th Annual ASHRAE Golf Outing - Directions & Dress Code

**Cherry Valley Club**  
**28 Rockaway Avenue at Third Street**  
**Garden City, NY**  
**Telephone: (516)746-4420**  
**Fax: (516)746-4421**

### **DIRECTIONS:**

**From the North Shore of Long Island:** Take the Long Island Expressway to Exit 34 South (New Hyde Park Road Southbound), Grand Central Parkway (Northern State Parkway) to Exit 26 South (New Hyde Park Road Southbound) or Jamaica Avenue (Jericho Turnpike) Eastbound to New Hyde Park Road. Travel Southbound on New Hyde Park Road for approximately 5 to 7 miles to Stewart Avenue (You will cross over a set of railroad tracks). Take Stewart Avenue eastbound for approximately 1-1/2 miles to Cherry Valley Avenue. Travel Southbound on Cherry Valley Avenue for 1/2 mile, Cherry Valley Avenue becomes Rockaway Avenue. Continue on Rockaway Avenue and the entrance to Cherry Valley Club will be on your right.

**From Local Points North:** Take Old Country Road or Stewart Avenue to Franklin Avenue. Travel Southbound on Franklin Avenue to Fourth Street (just after crossing over railroad tracks). Turn right on Fourth Street and continue until it ends (Rockaway Avenue). Cross over Rockaway Avenue into the Cherry Valley Club's parking lot.

**From the South Shore of Long Island:** Take the Southern State Parkway to Exit 19 (Peninsula Boulevard-Hempstead/Garden City). Travel Northbound on Peninsula Boulevard for approximately 1/2 mile to President Street. Bear left on President Street (Northbound) for approximately one mile and cross over Hempstead Turnpike. President Street will become Cathedral Avenue. Continue on Cathedral Avenue for one mile to Fourth Street. Make a left on Fourth Street (Westbound) and continue until it ends (Rockaway Avenue). Cross over Rockaway Avenue into the Cherry Valley Club's parking lot.

**From Local Points South:** Take Hempstead Turnpike to Franklin Avenue. Travel Northbound on Franklin Avenue to Fourth Street. Turn left on Fourth Street and continue until it ends (Rockaway Avenue). Cross over Rockaway Avenue into the Cherry Valley Club's parking lot.

### **DRESS CODE:**

- Jeans, designer or otherwise, are not acceptable on club property. This not only includes pants, but skirts and cut-offs.
- T-shirts and tank tops are not in keeping with the atmosphere of the club and as such are not acceptable. The definition of T-shirt includes those with psychedelic coloring or suggestive printing.
- If the Main Dining Room is going to be utilized for any golf outing, jackets are required. Smoking is permitted in the Main Lounge and Member's Grill areas only.
- Short shorts are not permitted on the golf course, practice tee or putting green by either male or female. Bermuda shorts of acceptable length are permitted. Jogging attire and denim pants are not considered proper attire for the golf course.
- **Soft spikes** are mandatory at all times on our fine golf course. If your shoes need soft spikes, arrive early so we can change them. There is a nominal fee. There is **no** exception to this rule.



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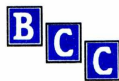
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