



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

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### President's Message

It's that time of year again....SPRING!! I hope you are all looking forward to the upcoming months as much as I am. Hot days, Warm nights, flowers everywhere and for some reason everyone seems to smile just a little bigger! With this change of seasons comes lots of excitement for ASHRAE-Long Island, and hopefully you will be able to take part in some if not all of these things.



This month we will be visiting the NSLIJ Katz Women's Center for our Field Trip. Thanks to Neal Rosen and Brian Simkins we will be getting a view of the functioning floors and the mechanical rooms above. This is a LEED Platinum building so there will be plenty for us to see and learn from. We will be having dinner afterwards at Benihana, hibachi style dining, so please send in your RSVP to [Bsimkins@accuspecinc.com](mailto:Bsimkins@accuspecinc.com) to reserve your spot.

I would like to mention that in the next month you will be getting your Ballots to vote for next year's officers of our chapter. Before the Nominating committee sends out the Ballots if anyone knows of any last minute entries please let me know and I will pass along the information! The next event is one that is usually a great success, and it is our Annual Golf Outing will be held on May 3<sup>rd</sup> in Cherry Valley Country Club. Please sign up to golf early, before it fills up! We are also looking for sponsors for various areas of the event which you can see later in the newsletter. Take a minute to look at the opportunities and pick the one that best suits you and your organization.

Brian Simkins, our President Elect will be attending training on April 20 and 21<sup>st</sup> where he will be given a full training for his upcoming year as President. The training is pretty intense, but that guidance goes a long way. Brian has been "in training" all of these years as a BOG member, and I am positive he will be a wonderful leader.

Back in February we had a joint meeting with USGBC, and it was a great success. Many people who are a part of ASHRAE are also members of USGBC or know many of their members. With this, I was asked to briefly mention that they are having their own annual GALA in Oheka Castle on May 23<sup>rd</sup>, honoring Russell Albanese for his contributions to sustainable building. For more information visit their website at [www.usgbc-li.org](http://www.usgbc-li.org). Both our Golf Outing and a Gala like this are a nice way to support our local organizations, and have a little fun while we do it.

As always thank you all for your continued support, and I look forward to seeing you at the upcoming Field Trip!

**Carolyn Arote,**  
President - Long Island Chapter

### CHAPTER MONTHLY MEETING

|                        |  |
|------------------------|--|
| <b>DATE:</b>           | <b>Tuesday, April 10, 2012</b>   |
| <b>TIME/ LOCATION:</b> | <b>ANNUAL FIELD TRIP<br/>SEE PROGRAM SECTION FOR DETAILS</b>           |
| <b>LOCATION:</b>       | Westbury Manor<br>South Side of Jericho Tpke. 25<br>Westbury, NY 11590 |
| <b>FEES:</b>           |  |
| Members -              | \$40 per person  |
| Non-Members            | \$45 per person<br>(Includes Dinner Afterwards)                        |

*Pre-Registration Required.*

## Long Island Chapter Officers & Committees

### ASHRAE 2011/2012 OFFICERS

| POSITION            | NAME                         | PHONE        | FAX          | EMAIL  |
|---------------------|------------------------------|--------------|--------------|--|
| President           | Carolyn Arote                | 516.568.6550 | 516.568.6575 | <a href="mailto:carote@adehvac.com">carote@adehvac.com</a>               |
| President-Elect     | Brian Simkins, LEED AP       | 203.261.8100 | 203.261.1981 | <a href="mailto:bsimkins@accuspecinc.com">bsimkins@accuspecinc.com</a>   |
| Vice President      | Andrew Manos, LEED AP        | 631.632.2791 | 631.632.1473 | <a href="mailto:andym22@optonline.net">andym22@optonline.net</a>         |
| Financial Secretary | Richard Rosner, P.E.         | 631.737.9170 | 631.737.9171 | <a href="mailto:rosner@csflc.com">rosner@csflc.com</a>                   |
| Treasurer           | Thomas Fields, P.E., LEED AP | 212.643.9055 | 212.643.0503 | <a href="mailto:thomas.fields@mgepc.net">thomas.fields@mgepc.net</a>     |
| Secretary           | Charles Lesniak, P.E.        | 516.484.1020 | 516.484.0926 | <a href="mailto:charles.lesniak@leapc.com">charles.lesniak@leapc.com</a> |
| Board of Governors  | Don Kane, P.E.               | 631.737.9170 | 631.737.9171 | <a href="mailto:dkane@csflc.com">dkane@csflc.com</a>                     |
| Board of Governors  | Andrew B. Dubel, P.E.        | 212.967.7651 | 212.967.7654 | <a href="mailto:andrew.dubel@leapc.com">andrew.dubel@leapc.com</a>       |
| Board of Governors  | Nancy Román                  | 516.568.6509 | 516.568.6586 | <a href="mailto:nroman@adehvac.com">nroman@adehvac.com</a>               |

### ASHRAE 2011/2012 COMMITTEES

| COMMITTEE                            | NAME  | PHONE                        | FAX                          | EMAIL  |
|--------------------------------------|---|------------------------------|------------------------------|--|
| Programs & Special Events            | Brian Simkins, LEED AP  | 203.261.8100                 | 203.261.1981                 | <a href="mailto:bsimkins@accuspecinc.com">bsimkins@accuspecinc.com</a>   |
| Membership                           | Charles Lesniak, P.E.   | 516.484.1020                 | 516.484.0926                 | <a href="mailto:charles.lesniak@leapc.com">charles.lesniak@leapc.com</a>   |
| Chapter Technology Transfer (CTTC)   | Don Kane, P.E.  | 631.737.9170                 | 631.737.9171                 | <a href="mailto:dkane@csflc.com">dkane@csflc.com</a>   |
| Newsletter Editor                    | Liset Cordero   | 212.643.9055                 | 212.643.0503                 | <a href="mailto:liset.cordero@mgepc.net">liset.cordero@mgepc.net</a>   |
| Research Promotion                   | Andrew Manos, LEED AP   | 631.632.2791                 | 631.632.1473                 | <a href="mailto:andym22@optonline.net">andym22@optonline.net</a>   |
| Historian                            | Richard Rosner, P.E.  | 631.737.9170                 | 631.737.9171                 | <a href="mailto:rosner@csflc.com">rosner@csflc.com</a>   |
| Student Activities                   | Andrew B. Dubel, P.E.   | 212.967.7651                 | 212.967.7654                 | <a href="mailto:andrew.dubel@leapc.com">andrew.dubel@leapc.com</a>   |
| Young Engineers in Training          | Charles Lesniak, P.E.   | 516.484.1020                 | 516.484.0926                 | <a href="mailto:charles.lesniak@leapc.com">charles.lesniak@leapc.com</a>   |
| Webmaster                            | Thomas Fields, P.E., LEED AP  | 212.643.9055                 | 212.643.0503                 | <a href="mailto:thomas.fields@mgepc.net">thomas.fields@mgepc.net</a>   |
| Nominating                           | Michael Gerazounis, P.E., LEED AP                                       | 212.643.9055                 | 212.643.0503                 | <a href="mailto:michael.gerazounis@mgepc.net">michael.gerazounis@mgepc.net</a>   |
| Reception & Attendance               | Rich Halley   | 718.269.3809                 | 718.269.3725                 | <a href="mailto:rhalley@trane.com">rhalley@trane.com</a>   |
| PR & Engineering Joint Council of LI | Peter Gerazounis, P.E., LEED AP   | 212.643.9055                 | 212.643.0503                 | <a href="mailto:peter.gerazounis@mgepc.net">peter.gerazounis@mgepc.net</a>   |
| Golf Outing                          | Peter Gerazounis, P.E., LEED AP<br>Steven Friedman, P.E., HFDP, LEED AP | 212.643.9055<br>212.354.5656 | 212.643.0503<br>212.354.5668 | <a href="mailto:peter.gerazounis@mgepc.net">peter.gerazounis@mgepc.net</a><br><a href="mailto:sfriedman@akfgroup.com">sfriedman@akfgroup.com</a> |

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## Young Engineers in ASHRAE (YEA)

I'm looking forward to attending the YEA Leadership weekend in San Diego California, the spots filled up quickly for this one. Is anyone else from the chapter attending it? If so please contact me, or I'll just see you there. In the next month's sounder I will include a summary of it, I could only hope to write on as good as Anita Singh did last year. The link for the YEA leadership weekend is:

<http://www.ashrae.org/membership--conferences/young-engineers-in-ashrae/yea--leadership-weekend>.

YEA will also be hosting Leadership U during the ASHRAE Conferences in San Antonio. During Leadership U, YEA members will be paired up with ASHRAE Society Officers and they will be able to participate in the in board meetings, discussions, and social events. There are a few positions available for Leadership U, and they will be determined by an application process. If you are selected to attend Leadership U, ASHRAE will pay for your costs (transportation, registration, lodging) of attending the Conference. All applicants must be 35 and under, and the deadline to sign up is April 16<sup>th</sup>, 2012. The link for the description of Leadership U is

<http://www.ashrae.org/membership--conferences/leadership-u>. And the link to the application <https://xp20.ashrae.org/secure/YEALeadership/index.html>

YEA will be hosting a HVAC Design Essentials workshop from May 21<sup>st</sup> to 23<sup>rd</sup> at the ASHRAE Headquarters in Atlanta. you need to register for the event by Monday April 9<sup>th</sup>. The National YEA will offer 1 full scholarship to cover the cost of the workshop's registration. And the link to the scholarship application is:

<http://www.ashrae.org/membership--conferences/yea-scholarship-for-hvac-design-essentials-workshop>

Our last YEA night (March Meeting) went very well. At the meeting we had ASHRAE books to hand out and we had our last Back to Basics with Evans Lizardos on damper authority.

**Charlie Lesniak**  
**YEA Chairman**

## Long Island Chapter - Past Presidents

|      |                             |      |                                    |
|------|-----------------------------|------|------------------------------------|
| 1958 | H. Campbell, Jr. PE         | 1985 | Edward W. Hoffmann                 |
| 1959 | Clyde Alston, PE            | 1986 | Jerome T. Norris, PE               |
| 1960 | Sidney Walzer, PE           | 1987 | Abe Rubenstein, PE                 |
| 1961 | Sidney Gayle                | 1988 | Michael O'Rourke                   |
| 1962 | William Kane                | 1989 | Mel Deimel                         |
| 1963 | Louis Bloom                 | 1990 | Robert Rabell                      |
| 1964 | Milton Maxwell              | 1991 | Gerald Berman                      |
| 1965 | Will Reichenback            | 1992 | Donald Stahl                       |
| 1966 | Joseph Minton, PE           | 1993 | Ronald Kilcarr                     |
| 1967 | Irwin Miller                | 1994 | Jerald Griliches                   |
| 1968 | Walter Gilroy               | 1995 | Walter Stark                       |
| 1969 | Charles Henry               | 1996 | Joe Marino                         |
| 1970 | William Wright              | 1997 | Norm Maxwell, PE                   |
| 1971 | Louis Lenz                  | 1998 | Alan Goerke, PE                    |
| 1972 | Ronald Levine               | 1999 | Frank Morgigno                     |
| 1973 | Henry Schulman              | 2000 | Michael Gerazounis, PE, LEED AP    |
| 1974 | Myron Goldberg              | 2001 | Ray Schmitt                        |
| 1975 | John N. Haarhaus            | 2002 | Steven M. Stein, PE                |
| 1976 | Richard K. Ennis            | 2003 | Andrew Braum, PE                   |
| 1977 | Kenneth A. Graff            | 2004 | Claudio Darras, P.E.               |
| 1978 | Evans Lizardos, PE, LEED AP | 2005 | Craig D. Marshall, P.E.            |
| 1979 | Albert Edelstein            | 2006 | John Nally                         |
| 1980 | Ralph Butler                | 2007 | Peter Gerazounis, PE, LEED AP      |
| 1981 | Robert Rose, PE             | 2008 | Steven Friedman, PE, HFDP, LEED AP |
| 1982 | Timothy Murphy, PE          | 2009 | Steven Giammona, P.E., LEED AP     |
| 1983 | Leon Taub, PE               | 2010 | Nancy Román                        |
| 1984 | Raymond Combs               |      |                                    |

## PAOE POINTS FOR 2011/2012

| Chapter Members | Membership Promotion | Student Activities | Research Promotion | History | Chapter Operations | CTTC | Chapter PAOE Totals |
|-----------------|----------------------|--------------------|--------------------|---------|--------------------|------|---------------------|
| 299             | 0                    | 515                | 950                | 250     | 845                | 875  | 3,435               |

## Chapter Monthly Meeting - Program for 2011/2012

|   |   |
|---|---|
| <b>September 13, 2011</b> * At Westbury Manor <br>Dinner Presentation – Cooling Tower Water Treatment Through Non Chemical Technologies<br>Presenter Leon Shapiro<br><p style="text-align: right;"><b>**1 PDH**</b></p>  | <b>February 2012</b> <br><b>NATIONAL ENGINEERS WEEK</b><br>Feb 19 through Feb 25   |
| <b>October 11, 2010</b> * At Westbury Manor <br>Dinner Presentation – Application of Mixed or Hybrid Boiler Systems for Energy Efficiency<br>Presenter Tom Neill<br><p style="text-align: right;"><b>**1 PDH**</b></p> Resource Promotion Night<br><p><b>Back to Basic Session I</b> <span style="float: right;"><b>**1 PDH**</b></span></p>   | <b>March 13, 2011</b> * At Westbury Manor <br>Dinner Presentation--“ <b>Integration &amp; Standard Protocols Update</b> ”<br>Presenter: Lawrence Uebele, PE, LEED AP<br><p style="text-align: right;"><b>**1 PDH**</b></p> <b>YEA Night</b><br><p><b>Back to Basic Session III</b> <span style="float: right;"><b>**1 PDH**</b></span></p> |
| <b>November 15, 2011</b> * At Westbury Manor <br>Dinner Presentation – NEW 2012 editions of the ICC Family of Codes and the impacts these have on future building design/build/maintenance market.<br>Presenter: Eli Howard<br><p style="text-align: right;"><b>**1 PDH**</b></p> <p><b>JOINT MEETING WITH SMACNA</b></p> Student Activities Night, Membership Promotion, & YEA Night<br><u>* Meeting will be held on 3rd Tuesday of the month.</u>  | <b>April 10, 2012</b><br><b>ANNUAL FIELD TRIP</b><br><br>North Shore University Hospital<br>LEED Platinum Katz Women's Hospital<br>300 Community Drive<br>Manhasset, NY<br>Presenter: Neil Rosen AIA, LEED AP<br><br>Dinner to follow   |
| <b>December 13, 2011</b> <br>Holiday Party - Westbury Manor  | <b>May 7<sup>th</sup>, 2012</b> * Cherry Valley Club, Garden City, NY<br><b>ANNUAL GOLF OUTING</b>  |
| <b>January 10, 2012</b> * At Westbury Manor <br>Dinner Presentation – Primary/Secondary Vs VPF<br>Presenter: Roy S. Hubbard, Jr.<br><p style="text-align: right;"><b>**1 PDH**</b><br/><b>**1 PDH**</b></p> <p><b>Back to Basic Session II</b></p>   | <b>May 15<sup>th</sup>, 2012</b> * At Westbury Manor<br>Dinner Presentation- Refrigeration The Now & Future<br>Presenter: Steven Friedman, PE<br><br><b>Student Activities Night</b><br><b>Refrigeration Night</b><br><u>* Meeting will be held on 3rd Tuesday of the month.</u>  |
| <b>January 2012</b> <br>ASHRAE Winter Meeting<br>Jan 21-25<br>Convention Center, Chicago   | <b>June 12, 2011</b> * At Westbury Manor<br><br><b>PAST PRESIDENTS &amp; OFFICER INSTALLATION</b>   |
| <b>February 21, 2012</b> * At Westbury Manor <br>Dinner Presentation- This month's presentation will discuss the <u>proposed changes to LEED BD+C for 2012</u> as it relates to the design engineer. There have been some significant changes out for public comment which will affect designers. A panel of LEED experts will discuss the most relevant changes.<br><b>Moderator:</b> Rudy Holessek<br><b>Panelists:</b> Paul M. Meyer, Eric Schlameuss, Eileen Sullivan and Neil Rosen<br><br><b>** Meeting will be held on 3rd Tuesday of the month.</b><br><p><b>JOINT MEETING WITH USGBC</b> <span style="float: right;"><b>**1 AIA**</b></span></p> Resource Promotion Night<br>Membership Promotion Night |   |

**August 23-25, 2012**

**Chapter Regional Conference Region I - Boston, MA**

## Board of Governors Meeting Minutes

Date: Tuesday, March 13, 2012

Attendees: Carolyn Arote, Nancy Roman, Brian Simkins, Andrew Manos, Richard Rosner, Don Kane, Charles Lesniak, Richard Halley,

President Carolyn Arote called the meeting into session at 5:05 PM and the meeting was ended at 5:50 PM.

**General: Carolyn Arote** – Will hold the BOG turn over meeting at her house. Carolyn and Brian will review next year's ASHRAE positions. ASHRAE will be holding centralized training for chapter positions at their summer meeting in San Antonio in June.



**Programs: Brian Simkins** – The field trip will be held at Katz Women's hospital at North Shore/LIJ in Manhasset. We will be booking food at one of these three restaurants, an Italian place, Fridays, or Benihana.

**Resource Promotion: Andy Manos** – is within \$3,000 of meeting is super goal of \$13,882. He will be giving out the product directory books at this meeting. Andy will supply a list of donators to Carolyn for inclusion in the newsletter.

**History: Rich Rosner** – Rich scanned 1/3 of our chapter's documents. Charlie will send the documents that he scanned to Rich.

**Treasurer: Tom Fields** – Absent. There is \$8,446.04 in checking, and there is \$8,017.37 in the money market.

**Tom Fields** – Absent

**Membership: Charlie Lesniak** – Brought the ASHRAE books to hand out at the meeting. Charlie was looking to told a clam bake during the summer prior to next year's meeting. Andy will help look for places.

**Student Activities: Andrew Dubel** – Absent

**CTTC: Don Kane** – We are all set up for our refrigeration presentation is in May with Steve Freidman PE. We have all the forms ready for our two programs tonight, we will be sending out two sign in sheets during the meal.

**YEA: Charlie Lesniak** – is attending the YEA Leadership weekend and will write a summary of it for next month. And Charlie will look into doing a YEA night with the NYC chapter.

**Charlie Lesniak, P.E.**

**Chapter Secretary, 2011-2012**



## ANNUAL FIELD TRIP



# ASHRAE LI CHAPTER'S ANNUAL FIELD TRIP TUESDAY, APRIL 10, 2012

## Katz Women's Hospital at North Shore University Hospital



**Attendees  
Will Earn  
1 PDH!**

|                 |  |
|-----------------|--|
| DATE:           | TUESDAY, APRIL 10, 2012  |
| ITINERARY:      | 5:00 PM: Main Entrance to NORTH SHORE UNIVERSITY HOSPITAL  |
| FEE:            | <b>Members: \$40 per person Non-Members: \$45 per person</b><br><br><i>*Includes Dinner Afterwards @ Benlhana<br/>(Restaurant located at 2105 Northern Blvd., Manhasset, NY)</i>   |
| LOCATION:       | <b>North Shore University Hospital 300 Community Drive, Manhasset, NY 11030</b>  |
| ABOUT THE TOUR: | <p>Renovation project at Katz Women's Hospital, a 73-bed facility attached to earned LEED platinum certification, the highest rating possible in the U.S. Green Building Council's Leadership in Energy and Environmental Design program.</p> <p>Platinum certification was awarded to the facility's renovated third floor, and the same is expected for renovations on the fourth floor. The fifth floor—which is new construction—is expected to be rated gold, which is the next-highest level of LEED certification. Katz Women's is the oldest building on the North Shore University campus and was built "circa 1951." The Stantec-designed renovation will result in 18.6% less energy being used than was consumed in 2004, and it's projected that the third floor's energy bill will be \$11,200 less each year, Rosen said. It is only the third hospital project in the nation to receive platinum certification.</p> <p>There are some unique HVAC and mechanical systems on this job that allow individual room temperature control with no mechanical systems located in the patient rooms.</p> |

**Pre-registration Required! See next page for RSVP form.**

## ANNUAL FIELD TRIP



# ASHRAE LI CHAPTER'S ANNUAL FIELD TRIP TUESDAY, APRIL 10, 2012

## Katz Women's Hospital at North Shore University Hospital

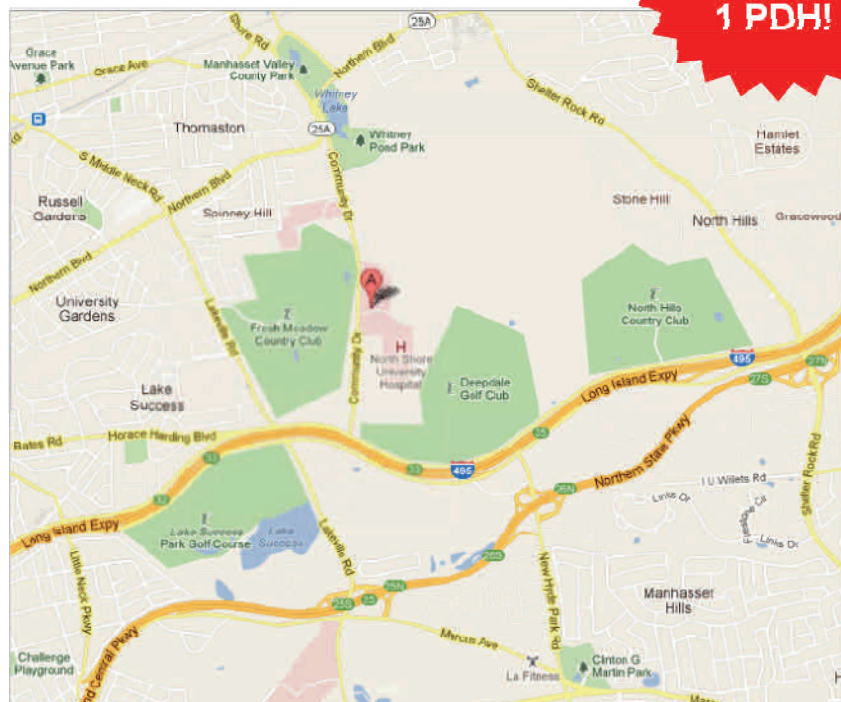
**RSVP Form - Reservations are Required!**  
**Email to Brian Simkins @ [bsimkins@accuspcinc.com](mailto:bsimkins@accuspcinc.com)**

**By April 3<sup>rd</sup>, 2012**

|                                |  |
|--------------------------------|--|
| I would Like to Attend (NAME): |  |
| Phone #:                       |  |
| Email:                         |  |

### **Address:**

**Katz Women's Hospital @  
 North Shore University Hospital  
 300 Community Drive  
 Manhasset, NY 11030  
 (888) 594-4343:**



**Attendees  
 Will Earn  
 1 PDH!**

## Research Promotion

I would like to thank all the companies who have participated in the annual 2012 Product Directory of Manufacturers and their Representatives.

The Product Directory has been prepared as a service to all its members and as a service to the local HVAC industry. It will be made available to all ASHRAE and non-ASHRAE members at no-cost and can be obtained from our monthly meetings or directly from our web-site.

The Directory is intended to provide better communications between manufacturers and their sales representatives; engineers who specify products; contractors who purchase and install the equipment; and other interested parties. Product Directory listings are not limited to ASHRAE members and the listings are not to be considered as advertising or endorsement by ASHRAE of any product, manufacturer or representative.

This year's overall resource promotion goal is \$2,001,900 with over 75 research projects on board. Our chapter is expected to raise approximately \$13,881 towards the overall goal of which we have already raised \$12,852. I am hoping I can count on the continued support of all of our past contributors who have generously supported us over the years.

I also look forward to gaining the support of new contributors this coming year. Please help support ASHRAE in any way you can.

I would like say 'thank you' to all the contributors listed below whom have already donated to ASHRAE this year:

### INDIVIDUALS

Ms Carolyn Arote  
 Mr Andrew B Dubel  
 Mr Thomas Fields, PE, LEED AP  
 Mr Steven D Friedman, PE, HFDP, LEED AP  
 Mr Richard Gerbe  
 Mr. Don Kane, PE  
 Mr David Robert Jendras  
 Mr Donald Kane, PE  
 Mr Ronald J Kilcarr, PE  
 Mr Charles J. Lesniak, PE  
 Mr Andrew E Manos, LEED AP  
 Mr. John D Nally  
 Mr. Jerome T Norris  
 Mr Michael O'Rourke  
 Mr Richard Pearson, PE, LEED AP  
 Ms Nancy Roman  
 Mr Richard L Rosner, PE  
 Mr Anthony J Rosasco, Sr  
 Mr Raymond Schmitt  
 Mr Jerome A Silecchia  
 Mr Brian C Simkins, LEED AP  
 Mr James R Tauby, PE

### COMPANIES

8760 Inc.  
 Accuspec Inc.  
 A D E Systems Inc  
 Albert Weiss Air Conditioning  
 Products  
 Alnik Mechanical Corp  
 Applied Technologies of NY Inc  
 ASHRAE Charleston Chapter  
 Berne & Bob Leventhal Inc  
 Bladykas Engineering P C  
 Building Cooling Systems  
 Captive Aire  
 Carrier  
 Catan Equipment Sales  
 Chimney Design Solutions  
 Clean Air Company  
 County Fair Air Conditioning Corp  
 Daikin US Corp.  
 Environmental Air Quality  
 Gil-bar Industries  
 J-Mar Controls  
 KLIMA NY  
 Liebert-Emerson Network Power  
 LPI Controls Inc  
 Mason East Inc.  
 Metro Air Products  
 MV Controls Inc  
 PEPCO  
 Platsky Company  
 PVI Industries  
 Rathe Associates  
 Siemens Building Technologies Inc  
 SRS Enterprises  
 Technical Air Systems  
 Venco Sales Inc.  
 Wales Darby  
 Wallace Eannace Associates, Inc



## Research Promotion (Cont'd. from Page 8)

### CONTRIBUTIONS CAN BE MADE IN THE FOLLOWING WAYS:

1) You can mail your checks, made out to ASHRAE Research Promotion, to:

Andrew Manos  
ASHRAE Research Promotion Chair  
c/o Stony Brook University  
Campus Planning, Design and Construction  
Research and Support Services, Suite 160  
Development Drive, Stony Brook, NY 11794-6010

2) You can bring your check to any of the meetings and give it to me. I will mail it into headquarters.

3) You can contribute via paypal from the ASHRAE LONG ISLAND web site just click on the donate button.

4) You can contribute directly on-line. [www.ashrae.org](http://www.ashrae.org)

**\* Please make sure your credit your contribution to the LONG ISLAND CHAPTER 006 \***

Thank you again for all your support!

**Andrew Manos, LEED AP**  
**Research Promotion Chair**

**Mission:** To improve the quality of life and to answer tomorrow's questions through research TODAY.

Over \$2million raised annually to help fund \$10million in research projects and student grant-in-aids.

Research is used to update the Society's standards and guidelines.

Contributions come from more than 6,700 members, non-members, and companies.

100% of all funds raised go directly to research projects that support the HVAC&R industry.

Active research projects are conducted all around the world at various universities and private organizations.

ASHRAE RESEARCH PROMOTION

#### Important Links:

[www.ashrae.org/rp](http://www.ashrae.org/rp)

[www.ashrae.org/contribute](http://www.ashrae.org/contribute)\*

[www.ashrae.org/consumer](http://www.ashrae.org/consumer)

[www.ashrae.org/pressroom](http://www.ashrae.org/pressroom)

[www.ashrae.org/research](http://www.ashrae.org/research)

\*ASHRAE is a qualified 501(c)3 and all contributions are tax deductible.

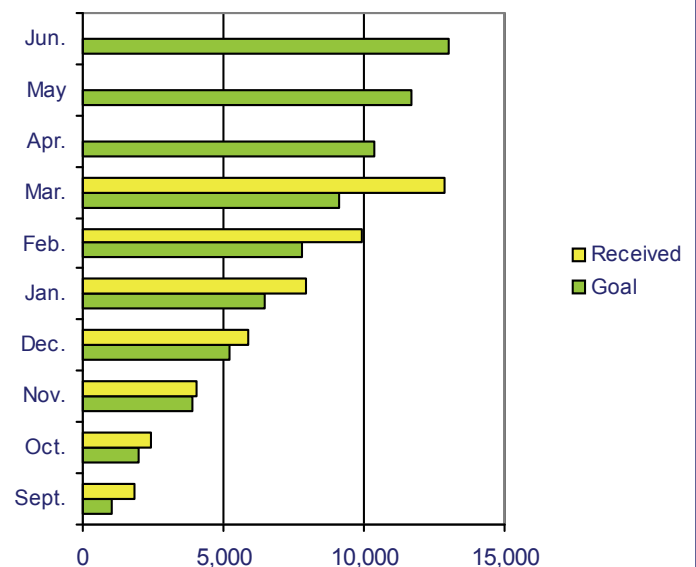
#### Important Contacts:

Patricia Adelman  
RP Manager  
(404)636-8400 ext. 1114  
[PAdelman@ashrae.org](mailto:PAdelman@ashrae.org)

John Rhodes  
RP Committee Chair  
(972)206-2590  
[Gopher56@swbell.net](mailto:Gopher56@swbell.net)

ASHRAE RESEARCH PROMOTION

**Chapter Research Promotion Goal  
For 2011-2012 - \$13,881**



## CTTC

**"FIRST DO NO HARM"....Or How to Design an Energy Efficient Hospital Without Forgetting About the Patients**

In an attempt to start writing about the ramifications of energy efficiency in the design of health-care facilities, the above, oft cited, quote came to mind as a good starting point. How can one go wrong quoting the Hippocratic Oath? Apparently way wrong, as it turns out that the above words are NOT from the Hippocratic oath but, rather, another document by that author. Plan B was to excerpt some brilliant verbiage from the oath, however the classic translation turns out to be a little more randy than one would prefer for this esteemed publication (apparently doctoring in Hippocrates' time was a bit more interesting than engineering). The lesson learned from this is that the best intentions are of no use, unless they lead to a viable plan. Keep this in mind when being asked to create an energy-efficient design for a health-care facility.

Apparently the medical profession had some of the same difficulty with Mr. H's oath, so, in 1964, Louis Lasagna, Academic Dean of the School of Medicine at Tufts University, penned a modern version of the Hippocratic Oath, which includes the following:

*"I will remember that I do not treat a fever chart, a cancerous growth, but a sick human being, whose illness may affect the person's family and economic stability. My responsibility includes these related problems, if I am to care adequately for the sick."*

We must, likewise, remember that our mission is not to hang a plaque on the wall, but to provide a facility where people's health needs can be addressed, without their sojourn in the halls of health resulting in additional discomfort or more serious illness. Energy requirements for lighting and HVAC cannot be capriciously juggled to maximize a "score" (whether LEED or GGHC) without first ensuring that all minimum patient-care environmental requirements have been met or exceeded. Not every patient will leave the hospital in better shape than when entering, however, it should not be the result of any systems we have designed and/or installed.

As with any energy-efficient design, many disciplines will have a hand in the design "pie", requiring strong coordination of all involved. Since many of the final choices for sizing and configuring air handling equipment will be predicated on the results of other's work (daylighting, more efficient lighting, reduction in noise levels and the like) much of the final equipment selection, to assure "right-sizing" of the motors/fans to maximize efficiency, will take place much later in the design process (using fan curves to find the optimal efficiency point based on flow required and  $\Delta P$ ) than normally desired. The design utilized should be one that is scalable; i.e. easily modified up or down in capacity in accordance with the possible design changes affecting heating/cooling/ventilation design. ASHRAE Standard 170-2008, Ventilation of Health Care Facilities will establish a baseline for what is needed and ASHRAE 90.1-2010 can provide insight into possible areas of energy savings.

The nature of health-care facilities makes some of the usual energy savings methodology difficult (or impossible) to implement. You will need to accommodate the need for more outside air, more frequent air changes and negative and positive pressurization, depending upon the location in the facility. USGBC's "LEED for Healthcare" makes adjustments for the nature of healthcare facility operation in order to permit attainment of a LEED rating (for those whose job IS hanging the plaque on the wall) while retaining patient outcomes as the highest priority. Some points to keep in Mind...

Germes

Germes (and other contaminants) are bad. In a healthcare environment, allowing them to travel about the facility is worse. ASHRAE-170 specifies, by location and function, the minimum required air changes, outside air and where negative or positive pressurization is needed. In some cases, this will mean that portion of the ductwork downstream of the exhaust fan will have to comply with SMACNA Seal Class A, if the exhaust fans are not external to the building.

It is important that we do not release pestilence into the environment, necessitating consideration of how we are filtering the exhaust air and, where necessary, making provision for destruction of any airborne "bugs". While hoped not to be a frequent occurrence, one must assume the possibility that at some point in the operation of the facility, a major outbreak or release could take place (especially for facilities incorporating laboratory facilities) which would require decontamination of the air handling system. It is easier to contemplate how this would be accomplished BEFORE the system is built and installed, as it will guide the selection of materials in the air handling system, and the configuration of the equipment. Ideally, we would like to minimize the amount of decontamination needed and the ease of accomplishing this (e.g. use of "washdown" type motors where unavoidable exposure to the air stream will occur and minimizing "collection points" in the system where contaminants could be retained).

**CTTC** (Cont'd. from Page 10)Noise

Hospitals should be quiet locations (and noise reduction is a source of LEED for Healthcare credits). On the other hand, with the large volumes of air required to meet the outside air and air change requirements, noise reduction will be of some concern. As noted above, at some point in the life of the facility, a major "scrubdown" of the air handling system may be needed. This will put additional limits on where sound deadening materials are used (external vs internal to the ductwork and air handler enclosures) and the type of material to be specified. The decontamination procedure should be detailed and included in the O&M manuals for the system and must consider compatibility of cleaning agents and materials selected for use.

Fan Motors

Once the heat loads/losses in the critical care areas of the facility are determined and the air handler optimally sized, motors can be selected on the basis of efficiency. Coordination with the electrical designer is essential, in this regard, as higher efficiency motors, generally, are also capable of supplying greater current to a downstream fault, if an upstream protective device has operated. If the downstream protective device is not rated for the additional fault current, the operation of the protective system will be compromised.

For those non-critical care areas which can be serviced by variable flow systems, variable speed fan (VFD) drives may provide some benefit. Again, one should select motor/drive/fan combinations that will allow optimum operation. Since healthcare facilities use much sensitive electronic equipment, the VFD equipment must be evaluated for electromagnetic compatibility with any electronic equipment in use.

Outside Air Quality

Preliminary testing of the ambient air quality may be necessary, in some cases, to identify the presence and levels of noxious components which will need to be removed or reduced. If there is significant vehicular traffic (adjacent to a major roadway or shopping mall, for example) NO<sub>2</sub>, a proinflammatory gas, can be problematic for healthcare facilities as it can aggravate existing respiratory conditions. Similarly, in rural or suburban areas, pollen and other artifacts of nature may require pre-cleaner stages on outside air filtration, to avoid plugging up of the finer elements being used.

Redundancy

The failure of those air handling systems relied upon for maintaining a safe environment (containment of infectious material) results in more than discomfort. For this reason, redundancy and maintenance must be factored into the design. For those on the operating end of the facility, it is important to not just have a written procedure to handle these contingencies, but to occasionally have a "dry run" to make sure that when there really is an equipment failure the personnel involved know where the spares and back-up equipment are, and how to get them to where needed.

Conclusion

With a lot of the "normal" avenues to achieve economies in energy use (reduced air flows, transfer of heated or cooled air within a building) usurped by mandated performance requirements, how then do we reduce our energy budget? Water usage is a large factor. Use of closed systems rather than open cooling towers for chillers, is one possibility. Staged chillers are another, so only the capacity needed is on-line at a given time. There are many other areas for which one can get LEED credit, which are not generally under the control of the mechanical designer or contractor; such as patient connection to nature/natural elements to promote a positive healing environment, sources of "green" electric power, use of improved medical equipment designed to minimize water usage or the use of localized, on-demand heaters for infrequently used lavatories.

As noted earlier however, close coordination between disciplines is key to successful implementation and is, in fact, one of the categories in the LEED for Healthcare prerequisites and credits. It is at this point in the process that your contribution may be most critical, knowing what can or can't be done without degrading the performance of the mechanical systems and communicating that to the design team.

**Don Kane, P.E.**  
**CTTC**

## Student Activities

Last call for scholarship applications! The deadline is April 9th. If you are eligible make sure you have your applications in by email. We will be awarding two \$1,000 scholarships to engineering students! To apply simply fill out our application sheet and write a one to two page essay on your current interest, activities, and future goals in engineering. The application can be found at the back of this newsletter or online at [ashraeli.org](http://ashraeli.org). Scholarships will be awarded during our May 15<sup>th</sup> Students Night. We encourage all engineering students and graduating high school students to apply.

The next Student Activates Night will be on May 15<sup>th</sup> (the third Tuesday of the month). We encourage students to attend this meeting. We will be having a great presentation on the current state and future of refrigeration systems. We look forward to seeing you.

**Andrew B. Dubel, P.E.**  
**Student Activities Committee Chair**



### **Donate your old Handbooks**

*Please bring your old handbooks to the meetings for donations to our student members who do not have complete sets at this time. Rich Rosner will be collecting them.*

## Membership

Our chapter will hold another Membership night during the February monthly meeting. Please visit the ASHRAE website at <http://www.ashrae.org/membership--conferences/benefits> to review and update your bios, and to check if you are up to date with your membership dues. We are always looking for new members to join and attend our meetings.

ASHRAE is looking to retain more student members thru their smart start program. Student members should look into this program. It will help you adjust to the membership status. Please see the ASHRAE website for more information.

We will be looking into holding a clam bake this summer. More details about this event will be in our next newsletter.

I would like to say hello and thank you to all our new members this month.

**Charlie Lesniak**  
**Membership Chairman**

## History

The history/future of home and commercial Air Conditioning as seen through my eyes.

Being born more than 60 years ago has given me the ability to reflect on many things in the category of as “I remember when.....” Although this article will be on my memory of home and commercial air conditioning, here are a few off topic things I remember from my younger days: Gasoline \$.25/gallon, No Throgs Neck or Verrazano Bridges, no striping on roads, no Seaford Oyster Bay expressway, no Nicholls Rd., Sunrise Hwy ended in Oakdale, 495 didn't go to Riverhead, all the fields at Jones Beach were open even field 9, all planes had propellers except those noisy air force jets breaking the sound barrier. We watched Sputnik go over but had to wait a day(s) for the planes to fly the news reels over from Europe or other countries, no Internet heck no cell phones, area codes, zip codes. I remember the \$.10 Carvel cone and a whopping \$.15 for the large but there wasn't much air conditioning around.

I went through Grade and High school with no air conditioning. We had windows that opened that let the fresh air in. I remember sticking to the papers on my desk on those hot spring days. Still the sweet smell of those ditto's was always pleasing only to find out later in life that was PCB oil that they used that smelled so nice. When we got home there was no air conditioning there. The first window unit to come to our house was 6500 BTU's and drew 12 amps. It was put in the 2<sup>nd</sup> floor bedroom and was only used when the temp was over 90°F. We went to Roosevelt field mall but it was open to the outdoors and not closed in. We didn't go there often so I don't remember the various changes there. I do remember that the South Shore Mall was also open walking between stores outside.

When new department stores opened they had big grand opening ceremonies. One such store I remember was EJ Korvettes in Babylon on sunrise hwy. There we found Brian Hyland “Itsy Bitsy Teenie Weenie Yellow Polka Dot Bikini” playing in the parking lot for us. It was common to have celebrities at these grand openings. Victor Borge was playing the piano for us at the Bee Hive in the Patchogue grand opening. My sister and I had autograph books for these special occasions. The thing these stores had that drew the crowds was the air conditioning. People were amazed how cool it was while it was roasting out and in non-air conditioned stores.

Drive-in theaters were common as it was nice to sit outside in the night time cool air and watch a movie. Indoor theaters were filled with smoke so thick it didn't matter if you smoked or not when you got home your cloths smelled of smoke. To cut down on the smoke, theaters used 100% outside air systems and a lot of them used ground water cooling coils to lower the temperature. Some of these are still in place as they worked very well and are now big energy savers. A large part of the air can be returned as no smoking is allowed now.

My mom, a stark no I don't need air conditioning person, gave in two summers ago and let me put in a window unit in her bedroom. To her amazement she loved it! I find it almost odd that something that was just a special occasion mechanical system has become a necessity that few will live without, no matter where they go. As systems have progressed they can hold a set point within a degree if we want but with our different backgrounds, body masses, temperature preferences, likes and dislikes there seems to be no temperature setting that will satisfy all in a group of people.

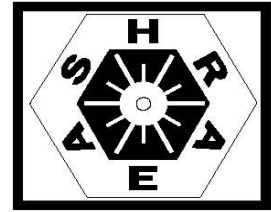
Where do we go from here? We can tweak the energy savings and efficiencies but we are probably at a reasonable end to the temperature control as there is no point to control to the 1/10 or 1/100 of a degree. Perhaps more even temperatures around a room from outside walls/windows to low and high stagnated air spaces could be achieved that might yield better comfort. Radiant floors seem to be making a resurgence probably because we like warm floors and even heat. Maybe chilled ceilings/walls with separate humidity control systems will become the rage. No matter where the future takes us one thing can be assured, air conditioning will required.

**Richard L. Rosner, PE**  
**LI Chapter ASHRAE Historian**



# ASHRAE Student Scholarship Application

## American Society of Heating, Refrigerating & Air Conditioning Engineers Long Island Chapter, Region 001



### ANNUAL STUDENT SCHOLARSHIP

The Long Island Chapter awards up to two (2) \$ 1,000.00 or (1) \$1,000.00 and (2) \$500.00 scholarships annually to those who are well rounded and show an interest in pursuing an engineering career. Eligible entries for the 2010/2011 year must be submitted by April 9, 2012.

Application date: \_\_\_\_\_

#### Personal information:

Last Name First Middle

Home address City State Zip

School address City State Zip

Phone # E-mail addresses -Home: \_\_\_\_\_

Cell # -School: \_\_\_\_\_

#### Faculty Reference:

Name Address Phone #

1. \_\_\_\_\_

#### Personal Reference:

Name Address Phone #

1. \_\_\_\_\_

2. \_\_\_\_\_

#### Education:

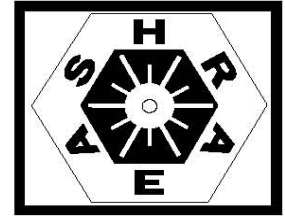
High School Location Years attended Graduation date

College / University Location Years attended Date graduating

College major GPA

**ASHRAE Student Scholarship Application**

**American Society of Heating, Refrigerating &  
Air - Conditioning Engineers, Inc.  
Long Island Chapter, Region 001**

**ANNUAL STUDENT SCHOLARSHIP**

The Long Island Chapter awards up to two (2) \$ 1,000.00 or (1) \$1,000.00 and (2) \$500.00 scholarships annually to those who are well rounded and show an interest in pursuing an engineering career. Eligible entries for the 2011/2012 year must be submitted by April 9, 2012. An awards dinner will be held on May 15, 2012.

Essay: Please describe your interests, activities, goals in engineering. Attach one to two double spaced typed pages. Return this application and essay in PDF form to Andrew.Dubel@leapc.com.

I also agree that my misstatement or omission of any information requested in this application shall be valid reason for rejection of this application. In the event I am selected to receive the application, I agree to attend the local chapter award dinner. The dinner will be free of cost to the award recipient.

No question on this application is asked for the purpose of limiting or excluding any applicant's consideration for reasons proscribed by federal, state or local law, and discussions are based entirely on knowledge, skills and ability. Qualified applicants are considered without regard to race, color, religion, sex, national origin, disability or age to the extent prohibited by law.

Applicant signed \_\_\_\_\_

Faculty advisor signed \_\_\_\_\_

## Free ASHRAE Webcast - Dedicated Outdoor Air Systems - April 19, 2012

April 19, 2012 1:00 PM-4:00 PM EDT

# Dedicated Outdoor Air Systems: *A Path to Balancing Energy and IEQ*

Hear leading experts discuss the role of Dedicated Outdoor Air Systems in the overall HVAC system and describe various DOAS equipment configurations, characteristics, and applications. This webcast will identify common design and operational pitfalls, and cover challenges unique to DOAS.



## Presenters



**Ron Jarnigan, 2011-12  
ASHRAE President**  
Staff scientist | Pacific North-  
west National Laboratory |  
Richland, WA



**Tim McGinn, P.E., LEED AP**  
Principal | Dialog | Calgary, AB,  
Canada



**Stan Mumma, Ph.D., P.E.**  
Professor Emeritus | Pennsylvania  
State University | University Park, PA



**John Murphy, LEED AP**  
Applications Engineer | Trane |  
La Crosse, WI

### How to Participate

- You may register to view the Webcast on your PC
- You may host a webcast viewing site for your colleagues
- View the webcast at a site

### PDH Credits

Three (3) Professional Development Hours (PDHs) or three (3) AIA Learning Units may be awarded to viewers who complete the "Participant Reaction Form" by May 3, 2012.

Sponsored by:



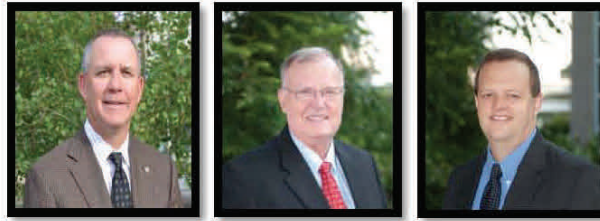
Brought to you by the ASHRAE Chapter Technology Transfer Committee

For more information about the program, presenters, continuing education credits, sponsorships, and DOAS resources please visit us at [www.ashrae.org/doaswebcast](http://www.ashrae.org/doaswebcast)



## Free ASHRAE Webcast - Dedicated Outdoor Air Systems - April 19, 2012

### ASHRAE Webcast Highlights Dedicated Outdoor Air Systems



Tim McGinn, P.E., LEED AP  
DIALOG  
Calgary, AB, Canada

Dr. Stanley Mumma, LEED AP  
Pennsylvania State University  
University Park, Pennsylvania

John Murphy, LEED AP  
Trane Company  
LaCrosse, Wisconsin

While conventional HVAC systems mix fresh outdoor air with the return air in one unit, Dedicated Outdoor Air Systems use standard equipment to condition fresh air separately before it enters the building. This departure from the standard configuration is quickly becoming a proven tool for utilizing energy more efficiently, and can provide a cost saving to the consumer. The major benefit of Dedicated Outdoor Air Systems is that they can allow better and more precise humidity and ventilation control as compared to conventional HVAC systems.

ASHRAE's upcoming webcast **"Dedicated Outdoor Air Systems– Balancing Energy and IEQ"** will focus on this method to save energy and money at the same time. The webcast takes place on **April 19, 2012, from 1:00 – 4:00 p.m. EDT**. This **free** webcast is brought to you by the Chapter Technology Transfer Committee and sponsored by **Valent Air Management Systems, Rotor Source, Inc., Engineered Air, and Heat Pipe Technology**.

"Based on growing popularity the chosen topic for the 2012 webcast is Dedicated Outdoor Air Systems," Andy Cochrane, Chair of the CTTC Webcast Ad Hoc Committee, said. "This webcast will describe the role of DOAS in the overall HVAC system, and discuss various DOAS equipment configurations and applications. From understanding DOAS system characteristics, to avoiding pitfalls and challenges unique to DOAS applications, the webcast is a must see for discerning owners and designers alike."

#### **The webcast presenters are:**

**Tim McGinn, P.E., LEED AP**, Principal, DIALOG, Calgary, Alberta, Canada

**Stanley Mumma, Ph.D., P.E.**, Professor Emeritus of Architectural Engineering, Pennsylvania State University, University Park, Pennsylvania

**John Murphy, LEED AP**, Applications Engineer, Trane, LaCrosse, Wisconsin

Online registration for the webcast begins **March 19, 2012**. For more information on the webcast program, continuing education credits, and ASHRAE Dedicated Outdoor Air Systems resources, visit [www.ashrae.org/doaswebcast](http://www.ashrae.org/doaswebcast). If you have questions about the webcast, call 678-539-1200 or email [ashrae-webcast@ashrae.org](mailto:ashrae-webcast@ashrae.org).

# ASHRAE Golf Outing - Monday, May 7, 2012

## 13<sup>th</sup> Annual LI ASHRAE GOLF OUTING Monday - May 7<sup>th</sup>, 2012



Place: Cherry Valley Club  
 Brunch: 11:00 am  
 Shotgun: 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, 2012 (No Exceptions)**

*Fax, Email or Mail entire sheet or cut this half and return*

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

I have read and understand the Cherry Valley Rules and Regulations (Signature): \_\_\_\_\_

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



Please make check payable to:

**ASHRAE - Long Island Chapter**

Mail Checks To:  
 MG Engineering, P.C.  
 Attn: Peter Gerazounis, P.E. LEED AP  
 116 West 32<sup>nd</sup> Street  
 New York, NY 10001  
 Tel No.: (212) 643-9055  
 Fax No.: (212) 643-0503  
 Email: peter.gerazounis@mgpc.net

**Fund raising is primarily through the contributions of our sponsors.  
 Please consider our sponsorship opportunities listed below.**

|                        |                                      |                   |
|------------------------|--------------------------------------|-------------------|
| Golf & Meals:          | \$ 300 pp x _____                    | = \$ _____        |
| Reception & Dinner:    | \$ 130 pp x _____                    | = \$ _____        |
| Sponsor Dinner:        | \$1,000 <input type="checkbox"/> Yes | = \$ _____        |
| Sponsor Lunch:         | \$ 500 <input type="checkbox"/> Yes  | = \$ _____        |
| Sponsor Cocktail Hour: | \$ 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  | = \$ _____        |
| <b>Total</b>           |                                      | <b>= \$ _____</b> |



## ASHRAE Golf Outing - Monday, May 7, 2012



**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 hors d'oeuvres 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.

### 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.

## ASHRAE Golf Outing - Monday, May 7, 2012



### Cherry Valley Club Golf Outing Guidelines

To add the enjoyment of your day, we ask that you abide by Cherry Valley Club's basic rules of The Club, dress, golf etiquette & safety, golf carts, and care of the course.

#### Club Rules

1. Smoking is not permitted in the Club House.
2. Cell Phones are permitted in the parking lot only. Use of Cell Phones beyond the parking lot is strictly prohibited. This includes the Golf Course.

#### Dress Code

1. Jeans, designer or otherwise, are not acceptable on club property. This not only includes pants, but skirts, and cut-offs.
2. 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.
3. If the Main Dining room is going to be utilized for any purpose, jackets are required.
4. 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.
5. **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.

#### Golf Etiquette and Safety

1. Slow play shows lack of consideration for the players in your group and, more important, for the players behind you. Golf is made much more enjoyable if all players adhere to the following points in the conduct of play:
  - Minimize the time spent looking for balls by watching the flight of balls hit by everyone in your group. If a ball appears to be lost or out of bounds, hit a provisional ball before leaving the tee.
  - Signal the players behind you to play through if it becomes apparent that a ball will not easily be found and you are holding up play.
  - Don't rush addressing and striking the ball but move briskly between shots.
  - If your ball is some distance from the golf cart and the exact club selection is in doubt, take several clubs with you when you leave the cart to walk to the ball.
  - When play reaches the area of the green, park the golf cart(s) behind the green or adjacent to the next tee. Walk briskly off the rear or side of the green after putting out. Mark your score cards after your group is off the green.
  - Once a score of double par has been posted, pick up and move on to the next hole.
2. No player should play until the players in front are out of range.
3. If your ball appears headed for a player or group of players immediately shout "fore" in a loud clear voice.
4. No one should move, talk or stand close to or directly behind the ball or the hole when a player is addressing the ball or making a stroke.

## ASHRAE Golf Outing - Monday, May 7, 2012



### Cherry Valley Club Golf Outing Guidelines (Cont'd.)

#### Golf Carts

- 1.No more than two people are to be in a cart at one time.
- 2.No more than 2 bags are to be carried on one golf cart.
- 3.Members and their guest must observe all cart directional signs and use cart paths and designated golf cart parking areas where provided.
- 4.Good judgment, reasonable care, and observation of club rules are expected of any member or guest when operating a golf cart. Damaged golf carts will be repaired at the responsible member's expense. Each member or guest who rents a golf cart agrees to indemnify and hold Cherry Valley Club harmless of and free from any and all damages, judgment, court costs, attorney's fees or other expenses incidental to and incurred by Cherry Valley Club which may arise from misuse of a golf cart by such member or guest.
- 5.Members and their Guests must keep golf carts at least 10 yards away from greens trees or traps. They should keep a reasonable distance away from soft or wet areas and they must respect directional signs.

#### Care of the Course

- 1.Before leaving a sand trap, a golfer should carefully rake and smooth over all holes and footprints made by him.
- 2.From tree to green, a player should ensure that any turf cut or divot displayed by him is replaced at once and pressed down, and that any damage to the putting green made by a ball is carefully repaired.
- 3.Golf bags should never be brought onto a green. The flagstick should be carefully handled to ensure that no damage is done to the hole or the putting green. Don't dent the green with the flagstick or by leaning on your putter.
- 4.In taking practice swings, players should avoid causing damage to the course by taking divots. This is particularly true on the tees and in the vicinity of the greens.
- 5.Only putters are to be used on the practice greens. A separate practice green adjacent the driving range is available for chipping and sand trap practice.

## Available Fellowship Positions - Memo from Mark Wills

### Attn. ASHRAE Members:

ASHRAE is sponsoring a 12- to 18-month fellowship program with placement at the Department of Energy in the Office of Building Technologies, Building Energy Codes Program in Washington, DC. This fellowship provides the traditional ASHRAE Member with exposure to the area of public policy. This assignment will enable a selected ASHRAE member to assist DOE in one of the following code deployment activities:

- Code Compliance;
- Residential Duct Test Training;
- Assessment of the Impact of Updating State Energy Codes; or
- Advanced Energy Code Training.

Federal government fellowships provide a valuable public service to the nation while, at the same time, providing engineers and scientists with a unique opportunity to participate directly in the policy-making process. This is an exciting, rewarding, and educational period in their professional careers. This enriching experience enables ASHRAE/DOE Fellows to bring back to their employers an insider's perspective on government decision-making that can contribute significantly to the mission and vision of the organization.

If you know of any members in your regions and/or chapters who might be a good fit for this opportunity, please have them contact Doug Read, our Director of Government Affairs, at their earliest convenience.

A few additional points to stress to your members, should they be interested:

- **The fellowship requires living in or around Washington, DC for a period of 12 months, with the possibility of an extension for a second year.**
- **The fellowship will require reporting to DOE offices on a daily basis (i.e., a 40-hour work week).**
- **The individual selected must be a U.S. citizen.**
- **A stipend of \$74,872 gross (i.e., before taxes, etc.) will be provided by DOE.**
- **Health insurance reimbursement will be provided by DOE up to \$500 per month, with any monthly costs over that being paid for by the fellow.**
- **Ideal candidates will have a technical background, with 3-10 years experience in the building industry, as this is an early career development opportunity.**
- **The fellowship can begin as soon as a suitable candidate is selected by DOE.**

Hopefully, this will provide some clarity to those of your colleagues who may be intrigued by the opportunity.

If you or your members want to submit a résumé and a letter of interest for further consideration, please contact/have them contact Doug Read.

Regards,  
Mark Wills

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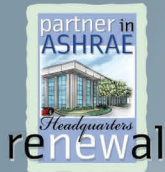
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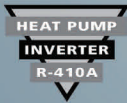


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