

# THE LONG ISLAND SOUNDER



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

[www.ashraeli.org](http://www.ashraeli.org)

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

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## President's Message

Hello all and welcome back for another exciting year in our local ASHRAE Long Island Chapter. Thank you Don Kane, Past President for a great year and making this transition so smooth. To this point, Don was recognized with the Golden Gable award for the most exemplary chapter performance in Region 1. This award is the most prestigious award given out at our yearly chapters' regional conference (CRC). His dedication and leadership will be hard to follow.



I hope everyone had a relaxing summer break. The Chapter officers and committee chairs have been busy all summer executing our Chapters' Regional Conference (CRC) which we held in Hauppauge, New York. The event rotates through each of the fifteen Region 1 chapters and allows the chapters to conduct the business of the region. It also allows for new committee members to be trained for the upcoming year. The event was a great success. I saw many of our members at CRC golf outing at Wind Watch Country Club. Thanks for coming out to support ASHRAE. We also had a great technical presentation from a distinguished lecturer Mark McCracken on ice storage. Followed by a field visit to Mather Hospital to see an ice storage installation. The President Elect of Society, Sheila Hayter spoke to us regarding President Olesen upcoming year at Danford's restaurant. The business and social events made for a great CRC. I would like to thank Rich Halley and the entire CRC committee for all of their dedication and hard work which went into this event.

Andy Manos has stepped up to a new position on the regional level. He will be taking over the position of Regional Vice-Chair (RVC) for Grassroots Governmental Activities (GGA). It's great to see members continue on to take active roles within our region and society. Let a board member know if you are interested in becoming more involved in the local, regional or society levels.

## CHAPTER MONTHLY MEETING

<b>DATE:</b>	<b>Tuesday, September 12, 2017</b>
<b>TIME:</b>	6:00 PM - Cocktails/Dinner 7:00 PM - Dinner Presentation 8:45 PM - Conclusion
<b>LOCATION:</b>	Westbury Manor 1100 Jericho Tpke. Westbury, NY 11590
<b>FEES:</b>	
Members -	\$45.00
Guest -	\$50.00
Student -	\$15.00

*Reservations requested, but not required.  
Call (631) 632-2791*

We have a great Board of Governors (BOG) this year. Two new board members are joining us. Our membership has been so active we had to increase the number of Board of Governors positions to accommodate the interest. Elizabeth Jedrlinic steps on to our board after a successful year of heading the Young Engineers in ASHRAE (YEA) committee. She will remain as the head of that committee and we look forward to more great events like multi chapter happy hour, wine tour, and go kart racing. Andrew Blom has also joined and will head our GGAC committee as well as our reception committee.

President Bjarne Olesen's theme is "Extending our Community. He focuses his theme on three directives: extend our global community; extend our technological horizons; and extend our value to members." In keeping with this theme I will be encouraging all of our membership to help expand our ASHRAE community. Please encourage participation in ASHRAE Long Island with your co-workers and contacts. ASHRAE offers much more than just a monthly PDH seminar – and we hope to show our membership how ASHRAE can improve their connection to the industry.

I will be working to make this year just as great as last. We will begin our technical presentations with a presentation on grooved piping September 12<sup>th</sup>. I look forward to seeing you at this year's dinner meeting.

**Andrew B. Dubel, P.E., LEED AP**  
**President - Long Island Chapter**

## Long Island Chapter Officers & Committees

### ASHRAE 2017/2018 OFFICERS

POSITION	NAME	PHONE	EMAIL
President	Andrew B. DuBel, PE	516.484.1020	<a href="mailto:president@ashraeli.org">president@ashraeli.org</a>
President-Elect	Richard Halley	718.269.3809	<a href="mailto:president_elect@ashraeli.org">president_elect@ashraeli.org</a>
Vice President	Frank Paradiso	631.632.2791	<a href="mailto:vice_president@ashraeli.org">vice_president@ashraeli.org</a>
Financial Secretary	James Hanna	718.269.3768	<a href="mailto:finsec@ashraeli.org">finsec@ashraeli.org</a>
Treasurer	Bill Artis	201.395.3750	<a href="mailto:treasurer@ashraeli.org">treasurer@ashraeli.org</a>
Secretary	Matthew Vitrano	212.643.9055	<a href="mailto:secretary@ashraeli.org">secretary@ashraeli.org</a>
Board of Governors	Murat Bayramoglu	631.312.8818	<a href="mailto:bog1@ashraeli.org">bog1@ashraeli.org</a>
Board of Governors	Michael Nigro	212.643.9055	<a href="mailto:bog2@ashraeli.org">bog2@ashraeli.org</a>
Board of Governors	Elizabeth Jedrlinic	516.490.1621	<a href="mailto:bog3@ashraeli.org">bog3@ashraeli.org</a>
Board of Governors	Andrew Blom	631.626.1695	<a href="mailto:bog4@ashraeli.org">bog4@ashraeli.org</a>
Board of Governors	Donald W. Kane, PE	516.524.7258	<a href="mailto:bog5@ashraeli.org">bog5@ashraeli.org</a>

### ASHRAE 2017/2018 COMMITTEES

COMMITTEE	NAME	PHONE	EMAIL
Programs & Special Events	Richard Halley	718.269.3809	<a href="mailto:programs@ashraeli.org">programs@ashraeli.org</a>
Membership (MP)	Bill Artis	201.395.3750	<a href="mailto:membership@ashraeli.org">membership@ashraeli.org</a>
Refrigeration	Bill Artis	201.395.3750	
Chapter Technology Transfer (CTTC)	Matthew Vitrano	212.643.9055	<a href="mailto:cttc@ashraeli.org">cttc@ashraeli.org</a>
Grassroots Government Activities (GGAC)	Andrew Blom	631.626.1695	<a href="mailto:ggac@ashraeli.org">ggac@ashraeli.org</a>
Newsletter Editor	Liset Cordero	212.643.9055	<a href="mailto:editor@ashraeli.org">editor@ashraeli.org</a>
Research Promotion (RP)	Frank Paradiso	631.632.2791	<a href="mailto:rp@ashraeli.org">rp@ashraeli.org</a>
Historian	Michael Nigro	212.643.9055	<a href="mailto:historian@ashraeli.org">historian@ashraeli.org</a>
Student Activities (SA)	Murat Bayramoglu	631.312.8818	<a href="mailto:sa@ashraeli.org">sa@ashraeli.org</a>
Young Engineers in ASHRAE (YEA)	Elizabeth Jedrlinic	516.490.1621	<a href="mailto:yea@ashraeli.org">yea@ashraeli.org</a>
Webmaster			<a href="mailto:web@ashraeli.org">web@ashraeli.org</a>
Nominating	Michael Gerazounis, PE, LEED AP	212.643.9055	<a href="mailto:nominating@ashraeli.org">nominating@ashraeli.org</a>
Reception & Attendance	Andrew Blom	631.626.1695	<a href="mailto:reception@ashraeli.org">reception@ashraeli.org</a>
PR & Engineering Joint Council of LI (EJCLI) Liaison	Andrew Manos, LEED AP	631.632.2791	<a href="mailto:pr@ashraeli.org">pr@ashraeli.org</a>
Golf Outing	Peter Gerazounis, PE LEED AP	212.643.9055	<a href="mailto:golf@ashraeli.org">golf@ashraeli.org</a>
Awards	Brian Simkins	203.261.8100	<a href="mailto:bsimkins@accuspecinc.com">bsimkins@accuspecinc.com</a>

ASHRAE LI, P.O. Box 79, Commack, NY 11725

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## Chapter Monthly Meeting - Program for 2017/2018

<b>September 12, 2017</b> * At Westbury Manor  Dinner Presentation – Basic Principles of Grooved Mechanical Joints Presenter: Stanley Funk <b>**1 PDH**</b>  <b>Refrigeration Night</b>	<b>March 13, 2018</b> * At Westbury Manor  Dinner Presentation—TBD Presenter: <b>**1 PDH**</b>  <b>YEA Night</b>
<b>October 10, 2017</b> * At Westbury Manor  Dinner Presentation— TBD Presenter: <b>**1 PDH**</b>	<b>April 10, 2018</b>  <b>Annual Field Trip</b>
<b>November 14, 2016</b> * At Westbury Manor  Dinner Presentation-- TBD Presenter: <b>**1 PDH**</b>  <b>Joint meeting with SMACNA Membership Promotion Student Activities Night and YEA Night Resource Promotion Night</b>	<b>May 7, 2018</b> * Cherry Valley Club, Garden City, NY  <b>ANNUAL GOLF OUTING</b>
<b>December 12, 2017</b> * At Westbury Manor  <b>HOLIDAY PARTY</b> Free Buffet Dinner for Members	<b>May 8, 2018</b> * At Westbury Manor  Dinner Presentation— TBD Presenter: <b>**1 PDH**</b>  <b>Refrigeration Night Student Activities Night</b>
<b>January 9, 2018</b> * At Westbury Manor  Dinner Presentation– TBD Presenter: <b>**1 PDH**</b>	<b>June 12, 2018</b> * At Westbury Manor  <b>Free Buffet Dinner for Members</b>  <b>PAST PRESIDENTS NIGHT &amp; OFFICER INSTALLATION STUDENT SCHOLARSHIPS TO BE AWARDED ASHRAE History Quiz and prize Give-A-Ways</b>
<b>January 20-24, 2018</b>  ASHRAE Winter Meeting Chicago, IL	<b>June 2018 (4pm-8pm)</b> * Dixie II @ Captree State Park Boat Basin, NY  <b>ANNUAL FISHING TRIP</b>
<b>February 13, 2018</b> * At Westbury Manor –  Dinner Presentation— TBD Presenter: <b>**1 PDH**</b>  <b>Membership Promotion Night Resource Promotion Night</b>	<b>August 16-18, 2018</b>  <b>CHAPTERS' REGIONAL CONFERENCE (CRC) REGION I JERSEY CITY, NJ</b>
<b>February 18-24, 2018</b>  <b>NATIONAL ENGINEERS WEEK</b>  <b>EJCLI Seminars</b>	

## Long Island Chapter - Past Presidents

1958	H. Campbell, Jr. PE	1988	Michael O'Rourke
1959	Clyde Alston, PE	1989	Mel Deimel
1960	Sidney Walzer, PE	1990	Robert Rabell
1961	Sidney Gayle	1991	Gerald Berman
1962	William Kane	1992	Donald Stahl
1963	Louis Bloom	1993	Ronald Kilcarr
1964	Milton Maxwell	1994	Jerald Griliches
1965	Will Reichenback	1995	Walter Stark
1966	Joseph Minton, PE	1996	Joe Marino
1967	Irwin Miller	1997	Norm Maxwell, PE
1968	Walter Gilroy	1998	Alan Goerke, PE
1969	Charles Henry	1999	Frank Morgigno
1970	William Wright	2000	Michael Gerazounis, PE, LEED AP
1971	Louis Lenz	2001	Ray Schmitt
1972	Ronald Levine	2002	Steven M. Stein, PE
1973	Henry Schulman	2003	Andrew Braum, PE
1974	Myron Goldberg	2004	Claudio Darras, P.E.
1975	John N. Haarhaus	2005	Craig D. Marshall, P.E.
1976	Richard K. Ennis	2006	John Nally
1977	Kenneth A. Graff	2007	Peter Gerazounis, PE, LEED AP
1978	Evans Lizardos, PE, LEED AP	2008	Steven Friedman, PE, HFDP, LEED AP
1979	Albert Edelstein	2009	Steven Giammona, P.E., LEED AP
1980	Ralph Butler	2010	Nancy Román
1981	Robert Rose, PE	2011	Carolyn Arote
1982	Timothy Murphy, PE	2012	Brian Simkins, LEED AP
1983	Leon Taub, PE	2013	Andrew Manos, LEED AP BD+C
1984	Raymond Combs	2014	Richard L. Rosner, P.E.
1985	Edward W. Hoffmann	2015	Thomas J. Fields, P.E., LEED AP
1986	Jerome T. Norris, PE	2016	Donald Kane, P.E.
1987	Abe Rubenstein, PE		

## FINAL PAOE POINTS FOR 2016/2017

Chapter Members	Membership Promotion	Student Activities	Research Promotion	History	Chapter Operations	CTTC	GGAC	Chapter PAOE Totals
282	1,495	770	3,032	1,415	2,720	1,775	1,800	13,007

## September Meeting Program



### Dinner Presentation

#### **“Basic Principles of Grooved Mechanical Joints ”**

*Presented by*

**Stanley Funk**  
**Engineering Business Development Manager**  
**Victaulic**

**Attendees  
 Will Earn  
 1 PDH!**

<b>DATE:</b>	<b>TUESDAY SEPTEMBER 12, 2017</b>		
<b>Time:</b>	6:00 PM - Cocktails and Hors D'oeuvres 7:00 PM - Dinner Presentations 8:45 PM - Conclusion	<b>Fee:</b>	\$ 45.00 Member \$ 50.00 Guest \$ 15.00 Student
<b>Location:</b>	<b>WESTBURY MANOR</b> (516) 333-7117 1100 Jericho Tpke., Westbury, NY 11590 <b>Directions are posted at @ <a href="http://www.ashraeli.org">www.ashraeli.org</a>.</b>		
<b>Presentation:</b>	At this month's presentation the following learning objectives will be discussed: <ul style="list-style-type: none"> <li>• Description of the grooved concept – anatomy of a groove &amp; gaskets</li> <li>• Compare roll &amp; cut groove process</li> <li>• Define the basic differences of rigid &amp; flexible coupling housings</li> <li>• Discuss engineering benefits associated with grooved mechanical joints.</li> </ul> <p><b>All attendees will receive 1 PDH.</b></p>		
<b>About our Speaker:</b>	<b>Stanley Funk</b> is the Engineering Business Development Manager of Victaulic. Mr. Funk holds a Bachelor of Arts in Psychology from Columbia University. He provides owners, developers and MEP engineers with sustainable mechanical pipe joining solutions and technologies and software services for mechanical, HVAC, steam, plumbing and fire protection applications. Mr. Funk is a current member of ASHRAE, ASHE and ASPE.		



## Young Engineers in ASHRAE (YEA)

Welcome back to another great year at ASHRAE. My name is Elizabeth Jedrlinic and I will be the YEA Chair this year. The YEA committee is dedicated to encouraging and educating young engineers through networking and chapter events. All current members of ASHRAE, under the age of 35, have the opportunity to participate in and develop the YEA committee.

Last year we put on some great events. We had a joint event with membership at a brewery on LI. We went racing at pole position and we organized a joint event with the NYC and Westchester YEA chapters.

This year I look forward to seeing you all at some great new events and helping you take advantage of all the leadership opportunities ASHRAE has to offer such as Leadership Weekend, Leadership U and the Leaders Program.

I am always looking for new ideas. Please reach out to me if you would like to join the committee and help plan these events!

Some events from last year pictured below:



**Elizabeth Jedrlinic**  
**YEA Chair**

## Research Promotion

My name is Frank Paradiso and I am your RP chair for the 2017-2018 year for the Long Island ASHRAE chapter.

I would first like to acknowledge and thank all the companies and individuals who were generous enough to have participated in ASHRAE's RP campaign from 2016-2017:



### INDIVIDUALS

Peter Gerazounis, PE	Liset Cordero
Robert J Fuchs	Ronald J Kilcarr, PE
John D Nally	James R Tauby, PE
Donald W Kane, PE	Richard Pearson
Andrew B Dubel	Ricky Gaska
Murat Bayramoglu, MS	Charles J. Lesniak, PE
Andrew E Manos	Marcel A Bally
Frank Paradiso	David Kanevsky
William Artis, Jr	Jerome T Norris
John Katimaris	Timothy E Tangel
James Hanna	John J Fanneron
Richard I Halley	Gregory T. Kern
Thomas Fields, PE	Leonard Locascio, PE
Elizabeth Jedrlinic	Anthony J Rosasco, Sr
Michael Nigro	Gregory Rathe
Matthew Vitrano	Michael Gerazounis, PE
Richard L Rosner, PE, BOB	

### COMPANIES

Anron Heating & Air Conditioning Inc	ASAP Sales
A.D.E. Systems Inc.	Emtec Consultants Professional
Daikin North America	Vertiv - Liebert
M V Controls	PVI Industries
Precision Testing & Balancing, Inc.	Chimney Design Solutions
Rathe Associates	Gil-Bar Industries
Bush Wholesalers	Kilma NY LLC
Catan Equipment Sales	VMC East Incorporated
Office of Anthony J Rosasco	Albert Weiss Air Conditioning
Mason East Inc.	Products Inc.
Dagher Engineering	RMF Engineering
Bladykas Engineering PC	Gilbar
SMACNA - Long Island	
Twinco Supply Corporation	

I would also like to acknowledge and thank all the individuals who have generously participated in this year's (2017-2018) ASHRAE's RP campaign:

### Individuals

Mr. Peter Gerazounis, PE  
Mr. John D Nally

I returned from the RP training held in July at the Region I CRC with a newfound understanding and appreciation of what the campaign does in supporting numerous research projects.

ASHRAE has a \$2.5 million dollar funding raising goal. This supports 140 research projects with a combined value of more than \$15 million. The bar has been set pretty high by our former RP Chairs for our chapter's goals. This year we have a goal of \$19,000. Every year we try to exceed our goal and reach towards challenge goal. With your help I believe we can achieve it.

Last year's overall resource promotion goal was exceeded and reached \$2,700,099 with many research projects on board. Our chapter raised approximately \$28,025 towards this goal and the overall goal was met. I am hoping I can count on the continued support of all of our past contributors who have generously supported us over the years.

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

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

Frank Paradiso  
ASHRAE Research Promotion Chair  
c/o Stony Brook University 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 you accredit your contribution to the LONG ISLAND CHAPTER 006 \***

Thank you again for all of your support!

**Frank Paradiso**  
**Research Promotion Chair**

## Membership Promotion

Our Membership Promotion Committee would like to welcome you back for another year here at the ASHRAE Long Island Chapter. The MP Committee is focused on recruiting new members, retaining existing members, and rewarding members for their involvement.

Our recruitment efforts will continue the momentum built last year, and will focus not only on getting new members to join but also on increasing new member participation in chapter meetings and events.

Retention efforts will focus on reducing chapter dues delinquencies, improving our tracking of member attendance and measuring engagement, and renewal of memberships.

Lastly, we will be working on numerous events and outings for our chapter members this year. Beyond the usual monthly meetings, which include professional development seminars and networking happy hours, we will be doing regular outings and events to further encourage member engagement. Some of these events will include regular chapter sponsored golf events, happy hours and networking events, and an event on career development.



### New Members as of August 28<sup>th</sup>, 2017

Mr. Jonathan Da Silva Johrden  
Mr. Kenneth Carvalho

**Bill Artis**  
**Membership Chair**

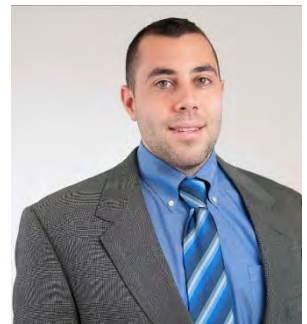
## History

Hello Everyone! I hope everyone had a nice summer and would like to welcome everyone to another exciting year of ASHRAE! My name is Mike Nigro and am holding the History Chair for a 2<sup>nd</sup> year for the 2017-2018 season.

The history committee is responsible for encouraging and ensuring the continuation historical research as well as providing support of history related activity. The chapter historian's primary goal is to ensure a written history of the chapter is well documented. I would like to give special thanks to all of our past presidents who completed the "Past President Interviews" and hope for many more this year! I would also like to give a special thanks to the ASHRAE Long Island CRC Committee for organizing and hosting an amazing event.

Please contact me if interested in joining the history committee and continuing the great work past members have documented. Remember, there is no one too young to volunteer some time and be part of this committee. See you all at next month's meeting!

**Michael Nigro**  
**History Chair**





## Honors and Awards

ASHRAE's Honors and Awards program recognizes the dedicated ASHRAE Members who give freely of their time and expertise to fulfill the Society's mission of advancing the arts and sciences of HVAC&R to serve humanity and provide a sustainable world.

Our award recipients exemplify the best in engineering and technology by continually binging credit to the profession and the Society.

ASHRAE is proud of the many contributions its men and women have made on behalf of the Society and to our industry. During this past CRC we submitted candidates for the Chapter Service Award. The Chapter Service Award recognizes the activities and contributions of members of ASHRAE at the chapter level.

The following candidates were submitted for recognition:

**Andrew Dubel**  
**Thomas Fields**  
**Charles Lesniak**

There are many other awards both personal and professional that are available for submission to society. Please take a look at the below link to see if you or your company are interested in pursuing and I would be more than happy to help you with the application process.

<https://www.ashrae.org/File%20Library/docLib/HonorsandAwards/Complete-List-of-ASHRAE-Awards--Updated-July-2017-.docx>

**Brian Simkins**  
**Honors and Awards Chair**



## History

### ASHRAE 2017-2018 Past President's Interview

1. **What do you like to do in your free time?** *Having recently retired, I will be spending some time in the garage bringing two four-wheel vehicles and one two-wheeled vehicle back to life.*
2. **Where have you worked in the past?** *Underwriters Laboratories, LILCO, Penske GM Power, Long Island Rail Road, Cashin Spinelli & Ferretti and Nassau Suffolk Engineering & Architecture.*
3. **When and why did you decide to pursue a career in HVAC&R?** *Unlike many of my predecessors in the Chapter Presidential lineage, I have always been an engineering "generalist", as a result of the broad-based approach during my undergraduate work at Stevens Institute of Technology. The first 13 ½ years at the LIRR was spent dealing with the engineering of the rolling stock and, not surprisingly, a critical issue was always customer comfort. As the age of the fleet ranged from 30+ years old to "brand new" the challenge of providing cost effective comfort was a challenge. With the introduction of the "Bi-Level" coach configuration in Diesel Territory, I was involved with the qualification testing (at the manufacturer's Australian Facility) of the rooftop HVAC units, which were a first for the LIRR, and established a new "standard" for the rolling stock. When I retired from the LIRR and went to work for CSF (Surety Consulting) and NSEA (design of municipal facilities) HVAC became an increased segment of my work scope.*
4. **What was the year you held the president position in ASHRAE LI?** **2016-2017.** *This occurred a year earlier than expected due to the relocations of the President-Elect, and coincided with the year our Chapter was hosting the Region I, CRC.*
5. **When/Why did you decide to join the board?** *After having served as Chairman of the Reception Committee during 2010-2011, I entered the BOG "progression" for the 2011-2012 ASHRAE "season". Concurrently, I chaired the CTTC from 2011/12 – 2015 /16 while progressing through Secretary, Treasurer, Financial Secretary positions.*
6. **What do you feel was the greatest contribution you made in ASHRAE?** *It would be hard to single out one contribution...As CTTC chair, I attempted to introduce "Technology Lite" to the Sounder, to pique our members curiosity to pursue additional reading/research; As Chapter Treasurer improved fiduciary protocols were followed to ensure compliance with NYS requirements; In conjunction with our program chairs, acting as liaison with PIE and, when Region I became a Sponsor Organization, Jim Price to facilitate the approval of our technical presentations for continuing education credits; and, finally, as President, made effective use of resources to ensure a successful hosting of the CRC even if it meant deferring participation in other ASHRAE activities.*
7. **How has ASHRAE played a significant role in your career?** *Having worked in positions where I was the customer, the designer or the consultant to the Surety (when a project had gone "south") , the ASHRAE community has provided a network of individuals expert in their fields available to "pick their brains" as well as to have my brain "picked".*
8. **What recommendation would you make towards students showing interest in HVAC&R?** *Delve into the history of HVAC/R. Learn the whys of where we are at today, and how we got there. Learn from Dan Holohan's "Dead men".*



**Donald Kane, P.E.**  
**2016-2017**  
**Past Chapter President**

**Michael Nigro**  
**History Chair**

## Refrigeration

Our Refrigeration Committee would like to welcome you back for another year here at the ASHRAE Long Island Chapter. The Refrigeration Committee is a sub-committee of CTTC, and will be working closely with CTTC to develop refrigeration oriented programs and field trips for the chapter year.

Additionally, we will be looking for projects to submit to ASHRAE for the Milton Garland Award:

The award shall be known as the Milton W. Garland Commemorative Refrigeration Award for Project Excellence. Refrigeration shall be defined as any use of mechanical refrigeration machinery for application other than human comfort. In general, this will be for food processing and preservation as well as industrial applications. It could also apply to refrigeration used in manufacturing processes, life support in extreme environments, recreational facilities, or other non-comfort cooling applications. The award shall be made to both the designer and the owner of a *non-comfort cooling refrigeration application that incorporates new technology in a unique manner.*



**Bill Artis**  
**Refrigeration Chair**

## Student Activities

This season, 2017-2018, I will be handling student activities. ASHRAE, intends to reach students as early as possible to be able to encourage the study and engineering education at universities, and promote HVAC&R industry. To be able to promote careers in the HVAC&R industry, we will try to introduce ASHRAE student membership on Long Island, support existing ASHRAE student branches and encourage the development of new ASHRAE student branches. We will promote grant and design competition programs, math and science to K-12 students, and describe how the study of math & science can lead an exciting career in engineering.



Long Island Chapter may have some advantages yet to be implemented in student activities.

First of all, the HVAC&R design firms and contractors are feeding the world's one of the largest city, NYC. Architects are trying to design the best looking, the most convenient, the highest quality buildings with the best IAQ, IEQ tower. Or, residential buildings, or town houses can't be ordinary. Frankly, HVAC&R industry may not be the most exciting career choice for students, due to its relation to heavy math works. Touching to the students at early phase may change this perception. ASHRAE is bringing together many factions of research, design, construction, energy, sustainability, and the environment, it's not just an HVAC engineering society.

This year, we will try to get new members, renew student membership and branches. We will post awards, scholarships, design competition, grants. Steamboat competition may attract a vast amount of high school students on Long Island. Central New York chapter in Syracuse organized very successful steamboat competitions for the last years. We will pursue the opportunity of implementing the STEAM BOAT competition on Long Island. Obviously, we will need the help of other committees and volunteers in chapter. Obviously, I will try to reach out our members and seek help for student activities committee. I'd like to give a heads up. Students are important for ASHRAE society.

**Murat Bayramoglu**  
**Student Activities Chair**

## Grassroots Government Activities Committee (GGAC)

ASHRAE members, are there particular local, city, state, or even federal codes that you either love or loathe and want to voice your opinion?

Do you want to get involved with local government and connect with local officials on a multitude of HVAC and energy related issues? Well, if you're still reading this, and why wouldn't you be, I've got the perfect opportunity for you.

As your new [Grassroots Government Advocacy Committee](#) or GGAC chair (fancy name for saying we engage local officials on behalf of ASHRAE), I want to invite you to join our cause by becoming a committee member.

We intend to address many issues with government agencies, utility companies, building officials, school system facility staff, state energy code officials, and anyone that will hear our cause.

This year's GGAC committee will focus on timeless classics such as:

- Legionella – Promoting Standard 188
- Geothermal – Where did all the incentives go?
- Energy Efficiency
- Indoor Environmental Quality
- Emerging Refrigerants

We also plan to arrange joint meetings with other organizations, such as Building Owners and Managers Association and International Facility Managers Association to promote and advance common initiatives.

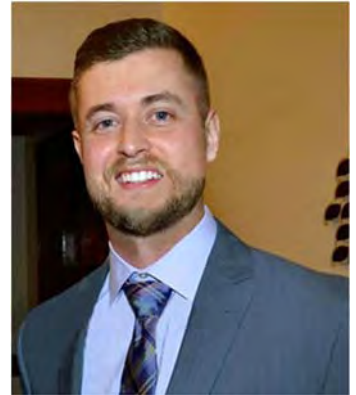
This will be a unique experience for any ASHRAE LI chapter members interested in getting involved with local government and other organizations with similar interests. It'll also be a great way for you to learn more about local and state codes and how government works...and in many cases doesn't.

They'll be endless opportunities for chapter members to network inside and outside of chapter meetings and interact with government officials of all levels.

Here's the thing, I need your help to do this. If you're interested in participating, please contact me as soon as possible so we can get the ball rolling and get you involved.

I look forward to hearing from any potential committee members and to another great year with ASHRAE. See you at the meetings!

**Andrew Blom**  
**Grassroots Government Activities Chair**

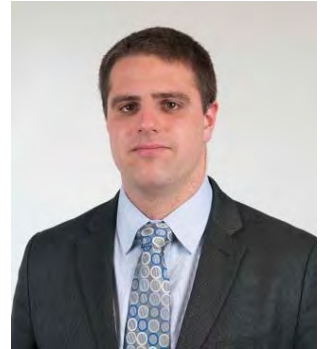


## CTTC

First of all, I would like to welcome everyone back to the ASHRAE season! I hope everyone had a great summer. I would like to give a huge thanks to Rich Halley, Mike O'Rourke, and the whole CRC committee for putting on an amazing conference this past August. All of the board attended and collaborated with the rest of our region.

My name is Matthew Vitrano and I am your 2017-2018 CTTC chairman. My committee, along with the Programs committee, will be working hard to bring you the most applicable lecture topics for our community.

I want to make everyone aware of the CTTC award programs that are available to us. These programs generally have a low application rate.



### The Technology Awards Program

"The ASHRAE Technology Awards recognize outstanding achievements by members who have successfully applied innovative building design in the areas of occupant comfort, indoor air quality and energy conservation. Their designs incorporate ASHRAE standards for effective energy management and IAQ. Performance is proven through one year's actual, verifiable operating data."

### The Chapter Program Star Award Program

*"The Rule of the Board which established for the Chapter Programs Star Award states "The Board of Directors approves the establishment of the Chapter Program Star Award to recognize excellence in chapter program endeavors."*

Please read more about the programs and other programs here:

<https://www.ashrae.org/society-groups/committees/chapter-technology-transfer-committee>

There are many energy strategy resources available for us to use, and ASHRAE has a very good list already compiled for us:

<https://www.ashrae.org/society-groups/committees/cttc-energy-strategy-resources>

I hope everyone enjoys the rest of their summer and I will see you at the September meeting!

**Matthew J. Vitrano**  
**CTTC Chairman**



## June End of Year Celebration Photos





## June End of Year Celebration Photos



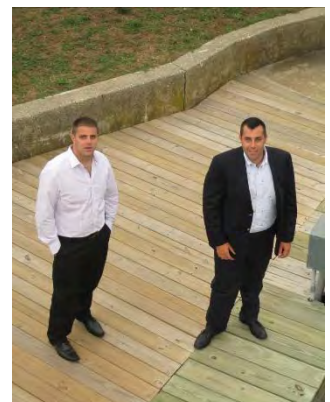
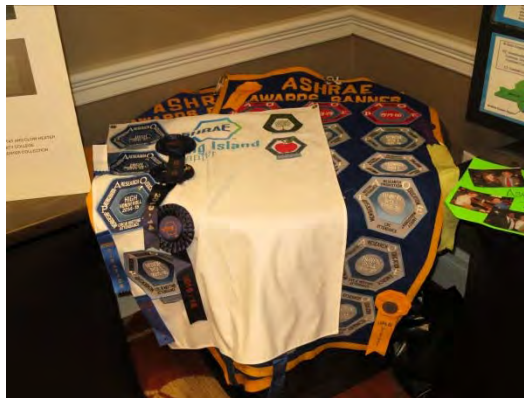


## CRC 2017 Pictures





# CRC 2017 Pictures





## CRC 2017 Pictures









## ASHRAE LEARNING INSTITUTE - 2017 ONLINE COURSE SERIES

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**2 WAYS TO REGISTER**

**Internet:** [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses)

**Phone:** Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

One-part course (3 hours) **\$284 (\$219 ASHRAE Member)** — — — Two-part course (6 hours) **\$484 (\$359 ASHRAE Member)**

**NEW! Fundamental Requirements of Standard 62.1-2016**  
Wednesday, September 6, 2017 – 1:00 p.m. to 4:00 p.m.

**Designing High-Performance Healthcare HVAC Systems**  
Tuesday, September 19, 2017 – 1:00 p.m. to 4:00 p.m.

**Laboratory Design: The Basics and Beyond**  
Tuesday, October 10, 2017 – 1:00 p.m. to 4:00 p.m.

**Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems**  
Monday, October 16, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! Complying with Standard 90.1-2016**  
Part I: Wednesday, November 1, 2017 – 1:00 p.m. to 4:00 p.m.  
Part II: Tuesday, November 7, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! Variable Refrigerant Flow System: Design & Application**  
Wednesday, November 29, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs**  
Tuesday, December 5, 2017 – 1:00 p.m. to 4:00 p.m.

## ASHRAE HVAC Design & Operation Training

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### **HVAC Design: Level I – Essentials** - Registration is \$1,264 (\$1,009 ASHRAE Member)

Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

### **HVAC Design: Level II – Applications** - Registration is \$854 (\$699 ASHRAE Member)

*HVAC Design: Level II — Applications* provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit [www.ashrae.org/hvactraining](http://www.ashrae.org/hvactraining) to register and learn how your Chapter can earn PAOE points.

Contact Karen Murray ([kmurray@ashrae.org](mailto:kmurray@ashrae.org)) to discuss scheduling ASHRAE HVAC Training in your Chapter area.

## Join ASHRAE on Social Media!



### Social Media

Follow **ASHRAE on Twitter** @ashraenews for up-to-date news, events, and articles about HVAC&R. Search #MyASHRAE on Twitter to see member photos from around the world.

Follow us on [Twitter](#)



### Most Popular Tweets

**Does It Cost More To Build Green? Benefits include reduced operating costs & construction waste.**

**Online Thermal Comfort Compliance Tool Included In New ASHRAE User's Manual.**

**87% of households in the US have #AC, 5% do in India. India's tough choice on air-conditioning and climate.**



**The November issue of the Journal is tested for binding strength to see how many times a page can be turned before the binding would fail.**

**Harvard & SUNY Upstate Medical University find that workers are healthier and happier in certified green buildings.**

**ASHRAE Standard 90.1 has been redefining energy savings since 1975. A new version is available now.**

**Adapting historical buildings for sustainable reuse.**

Get To Know ASHRAE



**\$\$\$ SAVE MONEY \$\$\$**

ASHRAE-LI is now offering Ticket Books for our Monthly Meeting/Dinner presentations. \$450 for a book of Eleven (that's right....eleven, one better than ten) tickets for the price of ten member admissions. Tickets are valid until December of 2017 and may be used by members and non-members. For those of you who attend all or most of our meetings and for organizations who normally send large groups to the meetings, this is a great way to save a few dollars and speed up the entry process. For more information and/or to purchase ticket books, please contact Don Kane at [cttc@ashraeli.org](mailto:cttc@ashraeli.org) or call 631-574-4870.





## ASHRAE CERTIFICATIONS

### Certification



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#### ASHRAE certification programs:

- Are developed by industry practitioners who understand the knowledge and experience that are expected for superior building design and system operation
- Assure employers and clients of subject mastery
- Serve as a springboard for continued professional development
- Offer an easy-to-apply process

FOR MORE INFORMATION GO TO - <https://www.ashrae.org/education--certification/certification>



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**Rates (includes all issues September-June):**


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