



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

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### President's Message

Welcome to another year of ASHRAE here in the Long Island Chapter!

I would like to thank James Hanna for his leadership the past year, especially during this difficult time for group meetings. He did a great job bringing us all together.

I would also like to thank all of our volunteers that work tirelessly to bring our chapter top notch newsletter content, monthly chapter meetings, social and fundraising events, and everything else.

This year's Chapter Regional Conference (CRC) was held in Portland, Maine in August. It was an abbreviated event with only chapter delegates, alternates, and Region 1 Executive Committee in attendance. The business meetings were conducted there in person, and the committee chair training events will be held virtually on September 18<sup>th</sup>. Friday evening is always the Presidential dinner, with Society President Mick Schwedler in attendance. He will be visiting our chapter sometime in 2022. The Region 1 Excom did an amazing job at planning this CRC!

President Schwedler's theme for this year is "Personal growth. Global Impact. Feed the Roots". I know somebody helped you navigate your way into local ASHRAE when you first got involved. This year, give back to a newcomer and help guide them, or find new people to join. From President Schwedler directly:

"How did you get here today and become part of this expansive root system? Who helped you grow, encouraged you - that is, who 'fed your roots?' Collectively, our personal growth and united efforts have produced global impacts ... to serve humanity...the first three words of ASHRAE's mission." "Whose roots will you feed in the next three months?"

I look forward to the months ahead and hope that we can continue meeting in person!

Regards,

**Matthew Vitrano**  
President - Long Island Chapter

### CHAPTER MONTHLY MEETING

<b>DATE:</b>	<b>Tuesday, September 14, 2021</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 -	\$50.00
Guest -	\$60.00
Student -	\$15.00

Check the ASHRAE Website for Society news and to join/renew membership!  
<http://www.ashraeli.com>

## Long Island Chapter Officers & Committees

### ASHRAE 2020/2021 OFFICERS

POSITION	NAME	PHONE	EMAIL
President	Matthew Vitrano	516.319.9325	<a href="mailto:c006@ashrae.net">c006@ashrae.net</a>
President-Elect	Murat Bayramoglu	631.312.8818	<a href="mailto:c006pe@ashrae.net">c006pe@ashrae.net</a>
Vice President	Michael Nigro	212.643.9055	<a href="mailto:c006vp@ashrae.net">c006vp@ashrae.net</a>
Treasurer	Elizabeth Jedrlnic	516.490.1621	<a href="mailto:c006tr@ashrae.net">c006tr@ashrae.net</a>
Secretary	Matthew Catan	407.489.6684	<a href="mailto:c006sec@ashrae.net">c006sec@ashrae.net</a>
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Board of Governors	Zhigang Xu		<a href="mailto:c006bog2@ashrae.net">c006bog2@ashrae.net</a>
Board of Governors	Rich Smith		<a href="mailto:c006bog3@ashrae.net">c006bog3@ashrae.net</a>
Board of Governors	Michael S. Gerazounis	212.643.9055	<a href="mailto:c006bog4@ashrae.net">c006bog4@ashrae.net</a>
Board of Governors	James Hanna	718.269.3768	<a href="mailto:c006bog5@ashrae.net">c006bog5@ashrae.net</a>

### ASHRAE 2020/2021 COMMITTEES

COMMITTEE	NAME	PHONE	EMAIL
Programs & Special Events	Murat Bayramoglu	631.312.8818	<a href="mailto:c006pe@ashrae.net">c006pe@ashrae.net</a>
Membership (MP)	Michael Razzano	516.805.3084	<a href="mailto:c006mep@ashrae.net">c006mep@ashrae.net</a>
Refrigeration	Andrew Dubel		<a href="mailto:c006ref@ashrae.net">c006ref@ashrae.net</a>
Chapter Technology Transfer (CTTC)	Murat Bayramoglu	631.312.8818	<a href="mailto:c006cttc@ashrae.net">c006cttc@ashrae.net</a>
Grassroots Government Activities (GGAC)	James Hanna	718.269.3768	<a href="mailto:c006ggac@ashrae.net">c006ggac@ashrae.net</a>
Newsletter Editor	Liset Cordero	212.643.9055	<a href="mailto:c006ne@ashrae.net">c006ne@ashrae.net</a>
Research Promotion (RP)	Michael Nigro	212.643.9055	<a href="mailto:c006rp@ashrae.net">c006rp@ashrae.net</a>
Historian	Elizabeth Jedrlnic	516.490.1621	<a href="mailto:c006his@ashrae.net">c006his@ashrae.net</a>
Student Activities (SA)	Matthew Catan	407.489.6684	<a href="mailto:c006sa@ashrae.net">c006sa@ashrae.net</a>
Young Engineers in ASHRAE (YEA)	Michael S. Gerazounis	212.643.9055	<a href="mailto:c006yea@ashrae.net">c006yea@ashrae.net</a>
Webmaster	Frank Paradiso	631.632.2792	<a href="mailto:c006web@ashrae.net">c006web@ashrae.net</a>
Nominating	Michael Gerazounis, PE, LEED AP	212.643.9055	<a href="mailto:nominating@ashraeli.org">nominating@ashraeli.org</a>
Reception & Attendance	Zhigang Xu / Matt Catan / Michael S. Gerazounis		<a href="mailto:reception@ashraeli.org">reception@ashraeli.org</a>
PR & Engineering Joint Council of LI (EJCLI) Liaison	Andrew Manos, LEED AP	631.632.2792	<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:c006ha@ashrae.net">c006ha@ashrae.net</a>
ASHRAE LI, P.O. Box 79, Commack, NY 11725			

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## Chapter Monthly Meeting - Program for 2021/2022

<b>September 14, 2021</b> * At Westbury Manor  Dinner Presentation – Fan Fundamentals Presenter: Andy Siegelson  <b>Refrigeration Night</b>  <b>**1 PDH**</b>	<b>March 8, 2022</b> * At Westbury Manor  Dinner Presentation— TBD Presenter: TBD  <b>Student Activities Night</b> <b>YEA Night</b>  <b>**1 PDH**</b>
<b>October 12, 2021</b> * At Westbury Manor  Dinner Presentation— TBD Presenter: TBD  <b>**1 PDH**</b>	<b>April 12, 2022</b>  Dinner Presentation— TBD Presenter: TBD  <b>**1 PDH**</b>
<b>November 9, 2021</b> * At Westbury Manor  Dinner Presentation— TBD Presenter: TBD  <b>Membership Promotion</b> <b>Student Activities Night and YEA Night</b> <b>Resource Promotion Night</b>  <b>**1 PDH**</b>	<b>May 2, 2022</b> * Cherry Valley Club, Garden City, NY  <b>ANNUAL GOLF OUTING</b>
<b>December 14, 2021</b> * At Westbury Manor  Dinner Presentation— TBD Presenter: TBD  <b>**1 PDH**</b>	<b>May 10, 2022</b>  <b>Annual Field Trip</b>
<b>January 11, 2022</b> * At Westbury Manor  Dinner Presentation— TBD Presenter: TBD  <b>**1 PDH**</b>	<b>June 14, 2022</b> * At Westbury Manor  <b>Free Buffet Dinner for Members</b>  <b>PAST PRESIDENTS NIGHT &amp; OFFICER INSTALLATION</b> <b>STUDENT SCHOLARSHIPS TO BE AWARDED</b> <b>ASHRAE History Quiz and prize Give-A-Ways</b>
<b>January 29 - February 2, 2022</b>  ASHRAE Winter Conference	<b>June 2022 - TBD (4pm-8pm)</b> * Dixie II @ Captree State Park Boat Basin, NY  <b>ANNUAL FISHING TRIP</b>
<b>February 8, 2022</b> * At Westbury Manor  Dinner Presentation— TBD Presenter: TBD  <b>Membership Promotion Night</b> <b>Resource Promotion Night</b>  <b>**1 PDH**</b>	<b>August 2022</b>  <b>CHAPTERS' REGIONAL CONFERENCE (CRC) REGION I</b> <b>GRANIT STATE</b>
<b>February 20-26, 2022</b>  <b>NATIONAL ENGINEERS WEEK</b>	

## Meeting Program



### Dinner Presentation

#### Fan Fundamentals

*Presented by*

**Andy Siegelson**  
Senior Engineer  
ADE Systems, Inc.

**Attendees  
Will Earn  
1 PDH!**

<b>DATE:</b>	<b>TUESDAY, SEPTEMBER 14, 2021</b>		
<b>Time:</b>	6:00 PM - Cocktails and Hors D'oeuvres 7:00 PM - Dinner Presentations 8:45 PM - Conclusion	<b>Fee:</b>	\$ 50.00 Member \$ 60.00 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>	<p>This month's presentation will cover the following:</p> <ul style="list-style-type: none"> <li>• Basic Terminology</li> <li>• Fan Laws</li> <li>• Reading a Fan Curve</li> <li>• Types of Fans / Fan Wheels</li> <li>• System Effects &amp; Leakage</li> </ul> <p><b>All attendees will receive 1 PDH.</b></p>		
<b>About our Speaker:</b>	<p>Andy Seigelson is currently a Senior Engineer in the Engineering Department at ADE Systems. Current responsibilities include equipment selection, system guidance, control sequences and troubleshooting for NYC metro area architects and engineers. He has over 20 years of experience in the HVAC industry. Andy attended State University of New York at Buffalo where he received a BS in Aerospace Engineering and a BS in Mechanical Engineering.</p>		

CHAPTER MAY NOT ACT FOR SOCIETY

An International Organization

**The Long Island Chapter is looking for presenters for the remainder of the year.  
Please contact us if you are interested in presenting to our membership.**

1958	H. Campbell, Jr. PE	1990	Robert Rabell
1959	Clyde Alston, PE	1991	Gerald Berman
1960	Sidney Walzer, PE	1992	Donald Stahl
1961	Sidney Gayle	1993	Ronald Kilcarr
1962	William Kane	1994	Jerald Griliches
1963	Louis Bloom	1995	Walter Stark
1964	Milton Maxwell	1996	Joe Marino
1965	Will Reichenback	1997	Norm Maxwell, PE
1966	Joseph Minton, PE	1998	Alan Goerke, PE
1967	Irwin Miller	1999	Frank Morgigno
1968	Walter Gilroy	2000	Michael Gerazounis, PE, LEED AP
1969	Charles Henry	2001	Ray Schmitt
1970	William Wright	2002	Steven M. Stein, PE
1971	Louis Lenz	2003	Andrew Braum, PE
1972	Ronald Levine	2004	Claudio Darras, P.E.
1973	Henry Schulman	2005	Craig D. Marshall, P.E.
1974	Myron Goldberg	2006	John Nally
1975	John N. Haarhaus	2007	Peter Gerazounis, PE, LEED AP
1976	Richard K. Ennis	2008	Steven Friedman, PE, HFDP, LEED AP
1977	Kenneth A. Graff	2009	Steven Giammona, P.E., LEED AP
1978	Evans Lizardos, PE, LEED AP	2010	Nancy Román
1979	Albert Edelstein	2011	Carolyn Arote
1980	Ralph Butler	2012	Brian Simkins, LEED AP
1981	Robert Rose, PE	2013	Andrew Manos, LEED AP BD+C
1982	Timothy Murphy, PE	2014	Richard L. Rosner, P.E.
1983	Leon Taub, PE	2015	Thomas J. Fields, P.E., LEED AP
1984	Raymond Combs	2016	Donald Kane, P.E.
1985	Edward W. Hoffmann	2017	Andrew Dubel, P.E., LEED AP
1986	Jerome T. Norris, PE	2018	Richard Halley
1987	Abe Rubenstein, PE	2019	Frank Paradiso
1988	Michael O'Rourke	2020	James Hanna
1989	Mel Deimel		

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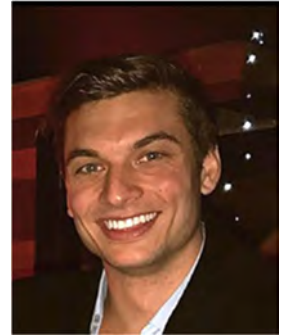
## Student Activities

### Overview

Welcome Back!! We are excited for the start of the 2020-2021 ASHRAE calendar which promises to be great year. The Long Island Chapter has an amazing Board of dedicated industry professionals, a phenomenal line up of interesting monthly speakers, and many fun events planned!

As the elected Student's Activity chair, I am very excited to be the liaison for our chapter to many of the bright young adults in our region that are preparing to enter the industry. This year we have some fun student events in the works, scholarships to give out, conferences to attend, and much more!

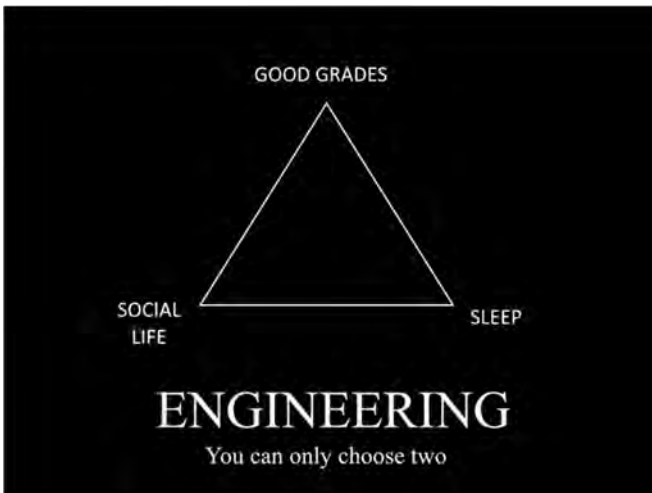
If you would like to assist in anyway with student outreach or have any ideas on how to improve the position I am always open and very receptive to any suggestions. I am looking forward to a great year and meeting some of the industry's rising stars and future industry leaders!



**Article Structure:** In this Edition the sections we have are: 1. Joke of the Month | 2. Show me the Money (Scholarship Grants) | 3. #Winning (Competitions)

### Joke of the Month:

The Engineering Undergrad Triangle of Doom (Too Real LOL)



### Show me the Money Zone | For Student Scholarship and Grant Information

#### 2022 ASHRAE Winter Conference Student Program

#### GET READY FOR VEGAS!!! FREE TRAVEL!!! SEE BELOW!!!!

The 2022 ASHRAE Winter Conference is scheduled for January 29–February 2, 2022. The Winter Conference will be a hybrid experience, offering both in-person and virtual options for participation for attendees. The in-person conference will be held in Las Vegas, Nevada at Caesars Palace. The conference will be an opportunity for students and other HVAC professionals from around the world to share industry ideas and learn more about ASHRAE. Students must register attend the conference, which will open later this fall.



## Student Activities

### VEGAS Student Travel Grant - [Applications due September 30, 2021](#)

With generosity from the ASHRAE Life Members Club, the Student Activities Committee is offering up to five \$1,000 USD travel grants to help subsidize students to travel to the Winter Conference in Las Vegas, Nevada in February 2022. Apply [here](#).

### 46 Society Scholarships Available for 2022-23! - [Applications due December 1, 2021](#)

Through its scholarship program, ASHRAE seeks to motivate students worldwide to pursue an engineering or technology career in the HVAC&R field that will further promote sustainable technology the built environment. Scholarships range from \$3,000 to \$10,000 and awarded for the academic year following the application deadline beginning with the fall semester. Qualified students are encouraged to apply at [ashrae.org/scholarships](https://www.ashrae.org/scholarships). Now accepting applications for our Undergraduate Engineering, Engineering Technology, Regional/Chapter, & University-specific Scholarships.



for

### Undergraduate Program Equipment Grants - [Applications due December 15, 2021](#)

The ASHRAE Undergraduate Program Equipment Grants provide funding to engineering, technical and architectural schools worldwide with the goal of increasing student knowledge, learning and awareness of the HVAC&R industry through the design and construction of equipment. Grants are to be used to fund equipment and supplies for senior projects and 2-year technical school projects that focus on ASHRAE-related topics. Grants may cover projects lasting from one academic term up to one year. [Learn More](#).

### Winning Zone | For Student Competition Information:

**2022 Design Competition:** The 2022 student competition focuses on a new performing arts building on a university campus located in Sydney, New South Wales, Australia. ASHRAE sponsors these competitions to encourage students to become involved in a profession that is crucial to ensuring a sustainable future for our Earth – the design of energy-efficient HVAC systems.

**Link:** <https://www.ashrae.org/communities/student-zone/competitions/2022-design-competition>

**2022 Building EQ (Building Energy Quotient) Competition:** The Student Activities Committee and Building EQ Committee have collaborated to create a new Building EQ competition. Students will have the opportunity to work evaluate and audit building energy consumption for buildings in operation to give the building a Building EQ score using the ASHRAE Building EQ online tools.

**Link:** <https://www.ashrae.org/communities/student-zone/competitions/2022-building-eq-building-energy-quotient-competition>

**Solar Decathlon:** The Solar Decathlon is a collegiate competition that challenges student teams to design and build highly efficient and innovative buildings powered by renewable energy. The combined competition features two tracks, the Design Challenge and the Build Challenge.

**Link:** <https://www.ashrae.org/communities/student-zone/competitions/solar-decathlon-competition>

**2022 Applied Engineering Challenge:** As the global pandemic rages on, the need for climate-controlled transport containers for vaccine delivery has become a top priority. The 2022 Setty Family Foundation Applied Engineering Challenge (AEC) is focused on designing an ultra-cold refrigeration system that is capable of being transported to all global locations.

**Link:** <https://www.ashrae.org/communities/student-zone/competitions/2022-applied-engineering-challenge>

*Please reach out for more information If you are interested in participating of any of the above competitions!*

**Matthew K. Catan**  
Student Activities Chairman

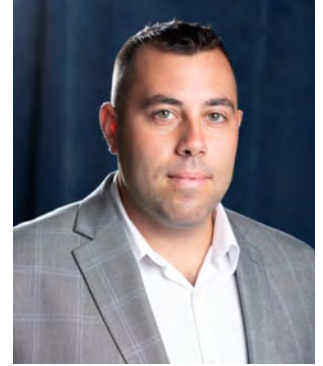
**Zhigang Xu**  
Student Activities Co-Chairman

## Research Promotion

A huge thank you to all of the individuals and companies who donated towards research promotion this year. As a result of all the generosity, the Long Island Chapter was successful in raising \$27,800!!! All money raised directly funds research to continuously improve standards and overcome new industry challenges.

I hope that once again the Long Island ASHRAE Chapter can count on the continued support of past contributors to continue raising funds to better the HVAC&R industry .

'Thank you' again to all the contributors listed below who have donated to ASHRAE this past year:



### INDIVIDUALS

Kevin O Khan	Michael F Schiavo
Michael Nigro	Donald W Kane, PE
Michael H Razzano	Frank D Morgigno
Murat Bayramoglu	John D Nally
Matthew Vitrano	Peter Gerazounis, PE
Christian Meszaros	Frank Paradiso
Andrew E Manos	Matthew K Catan
Elizabeth Jedrlinic	Frank Dupointe
James R Tauby, PE	Scott Strouse
James Hanna	Christopher Lamond
Ronald J Kilcarr, PE, CEM	

### COMPANIES

RMF Engineering, Inc	Analytical & Combustion Systems
Klima - New York	Outsourcing Concepts LLC
Mason East Inc.	SMACNA - Long Island
GA Fleet Associates Inc	Catan Equipment Sales
Lizardos Engineering Associates PC	MWSK Equipment Sales Inc
Ultimate Power	G.A. Fleet Associates, Inc
Rathe Associates	MV Controls
Highmark Building Efficiency	Tower Enterprises of New York & New Jersey
Wales Darby Incorporated	Mitsubishi
	Accuspec Inc

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

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

Michael Nigro  
ASHRAE Research Promotion Chair  
c/o MG Engineering D.P.C.—116 West 32nd Street, 12th Floor, New York, NY 10001

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!

**Michael Nigro**  
**Research Promotion Chair**



## Membership Promotion

"When many dream together it is the beginning of a new reality." –  
Friedensreich Hundertwasser

Hope everyone had a great summer & welcome back to another year here at the ASHRAE Long Island Chapter. It's been another trying year and it's getting better. As the above inspiring quote, the Membership Promotion Committee is focused on having a beginning with common dream with more members, maintain existing members & reward all members for their involvement. Our recruitment efforts will continue the momentum built the last year by the current team along with the help of our new president, Matthew Vitrano. The reoccurring theme for our committee will be to strengthen & enlighten our current chapter, while focusing on our growth and increasing new member participation in chapter meetings & events. This year we will plan on having a few Membership Promotions themed nights, which will incentive current members to bring non-members to chapter meetings. We hope this will perk interest in ASHRAE & specifically our Long Island Chapter.



Lastly, we will be working on a number of events, as well as outing for our chapter members this year. For the start of the year, we will have our monthly meetings in person and like we've done in the past & if needed, have virtual meetings. Our goal is to have all our monthly meetings to include professional development seminars, as well as our networking happy hours. Moving to our events & outings, they are tentatively being discussed. At these events, the board hopes members utilize them to further engage each other and please feel free to advise me or anyone on the board with any event and/or seminars you would like to have. Some of these pending events will include regular chapter sponsored golf events, happy hours, holiday party, networking events, potentially an event on career development and field trips.

Looking forward to a great year and thank you in advance for your support, time & guidance.

I would like to informally welcome our new members:

1. Albert Stark (joined September 2021)
2. Michael Mutch (joined August 2022)
3. Jafet Tavarez (joined July 2021)
4. Jack R Zepernick (joined June 2021)
5. Thomas Arthur DiBenedetto (joined June 2020)
6. Zachary J Clougher (joined June 2021)
7. Steven Gerazounis (joined June 2021)
8. Blake F Borghard (joined June 2021)
9. Mary Heffernan (joined May 2021)

Please contact me with any questions regarding the Smart Start Program and/or ASHRAE membership needs.

Looking forward to another great month and thank you in advance for your support, time & guidance.

**Michael H. Razzano**  
**Membership Promotion Chair**

**Richard Smith**  
**Membership Promotion Co-Chair**

## History

Welcome back to a new year with ASHRAE! As we move forward through the still unknown future it is always interesting to take a step back a look at where we started and how we have changed throughout the years.

ASHRAE was formed in 1959 when the American Society of Heating and Air-Conditioning Engineers (ASHAE) and the American Society of Refrigerating Engineers (ASRE) merged. It was originally name the American Society of Heating, Refrigerating and Air Conditioning Engineers. If you are interested, please take a look at the article in the link below discussing the merge.



<https://www.ashrae.org/File%20Library/About/Mission%20and%20Vision/ASHRAE%20and%20Industry%20History/MergerofASHVE-ASHAE-ASREtoBecomeASHRAE.pdf>

As we know in January 2012 ASHRAE announce its intention to re-brand itself once again. Due to the increasing responsibilities beyond just the HVAC&R ASHRAE decided to drop the name and officially use only its acronym moving forward. Let's look forward to more changes and evolutions within ASHRAE this upcoming year. Our first chapter meeting is 9/14/21.

***Elizabeth Jedrlinic***  
***History Chair***

***Michael Razzano***  
***History Co-Chair***

## YEA

Hello everyone, I hope all of you are ready for another great year of ASHRAE! I am Michael Gerazounis and I will be your new YEA chair for this year. For those who are returning I welcome you back and for everyone joining for the first time I can say we are all happy to have you here! If you are unfamiliar with the YEA committee, its purpose is to provide ASHRAE members 35 years old or younger with opportunities to network, educate and grow themselves through chapter events. Future Long Island chapter events will be listed here in addition to what can be found online at the following link.

<https://www.ashrae.org/communities/young-engineers-in-ashrae-yea/yea-events-and-programs>

### Upcoming Events:

Registration for this fall's YEA Leadership Weekend 1.0 is coming up soon so please check back regularly to participate this November.

YEA Leadership Weekend (Fall 2021)  
Denver, Colorado  
Sheraton Denver Downtown Hotel  
November 12-14, 2021

**Registration will open soon!!**

Additionally, the Leadership U and LeadRS programs are available for those wanting to become further involved with ASHRAE conferences. Additional details can be found online but please don't hesitate to reach out to me for any questions you may have. I look forward to seeing all of you!

***Michael S. Gerazounis***  
***YEA Chair***

***Rich Smith***  
***YEA Co-Chair***



## Refrigeration

The Refrigeration Committee is back! Lots of interesting things are and will be happening with refrigeration and the electrification of New York. While I have been looking forward to what this year will bring and what goals to set for our subcommittee, I had a moment to look back and remember our late Refrigeration Chair Bill Artis. Bill had a passion for this industry as well as ASHRAE and I would like to renew a couple of his goals from his time as chair for this year.

The first is to find novel refrigeration application to apply for the Milton Garland Awards. Our committee would like members to identify and submit projects for the Milton Garland Awards this year. The descriptions of the awards and submission criteria for the awards are as follows:



“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.”

The awards are open to all who think their projects or other projects with which they are familiar, have achieved some distinction.

- Projects nominations may be prepared by the designers, architects, engineers, owners, or suppliers.
- A member of the project team or the owner must be an ASHRAE member. The nominator must inform and have approval from the owner of the installation that the entry may be published. (The owner's name may be withheld for privacy.) A release to this effect must be obtained from the owner of the project (see Submission Form).
- All projects must be submitted following twelve (12) preceding months and before forty-eight (48) months of the initial operation date of the system.

All project submissions are due by May 1st, and we strongly encourage members to start identifying projects to submit as soon as possible. Please contact myself or Brian Simkins about submitting this for you. The electrification of our state is going to drive heat pump technology. If you have a domestic water, process, or comfort application which is novel, we want to hear from you.

I also want to push the “Dark Side” of ASHRAE. ASHRAE's strength lies in its technical and standard development. These standards are prepared by committees during our summer and winter meetings. These committees are driven regular members who have gotten involved. If you are interested learning about the technical side of ASHRAE, take a look at the links below and reach out to the board. Our chapter has substantial experience both on the Region and National levels.

If you have any questions about joining technical committees or tracking updates to ASHRAE documents, please go to:

<https://www.ashrae.org/standards-research--technology/technical-committees>  
<https://www.ashrae.org/standards-research--technology/standards--guidelines>  
<https://www.ashrae.org/standards-research--technology/public-review-drafts>  
<https://www.ashrae.org/standards-research--technology/standards-actions>

**Andrew Dubel**  
**Refrigeration Chair**

**Michael S. Gerazounis**  
**Refrigeration Co-Chair**

## CTTC

The Presidential Award of Excellence for Chapter Technology Transfer Category for the 2021-2022 season require min550 points and the PAR is 1050 points. The activities will be managed by Long Island Chapter CTTC co-chair Thomas DiBenedetto (new board member) and a refrigeration sub-committee chair Andrew B. Dubel (who is one of the past presidents of our chapter). We are planning to select presentation topics based on alignment with the current Presidential Initiatives Master List and with current developments in the NYS. We are starting off with "Fan Fundamentals" presentation by Andy Siegelson. We are planning to host two DLs as the Covid restrictions allow. One of our top priorities is to organize a technical tour to a large refrigeration facility this year. As usual, we will have golf outing in May and fishing trip in June. Tentative events can be followed on Long Island Sounder Newsletter and on social media link <https://www.linkedin.com/in/ashraeli/> for future events.



We are excited to see all our Chapter members on September 14<sup>th</sup>, 2021 Tuesday 6:00 PM at Westbury Manor.

**Murat Bayramoglu**  
**CTTC Chairman**

**Thomas DiBenedetto**  
**CTTC Co-Chairman**

## 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, 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.



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.

They'll be endless opportunities for chapter members to network inside and outside of chapter meetings and interact with government officials of all levels. If you're interested in participating, please contact me as soon as possible.

I look forward to hearing from any potential committee members and to another great year with ASHRAE.

**James Hanna**  
**Membership Promotion Chair**

**Rich Smith**  
**Membership Promotion Co-Chair**

**NYSERDA'S Energy Efficient Indoor Air Quality Studies Webinar - Sept. 14th**

**Event:** **NYSERDA's Energy Efficient Indoor Air Quality Studies: Overall Results Webinar**

**Date and time:** **Tuesday, September 14, 2021 @ 10:30 am**

**Duration:** **1 hour 30 minutes**

**Description:**

During the early months of the COVID-19 pandemic in 2020, industry leaders including the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Epidemic Taskforce released essential guidance on preventing the spread of SARS-CoV-2 indoors. Concern from the commercial market arose over the energy intensiveness of the guidance, which spurred NYSERDA to explore the intersection of energy-efficiency and infectious disease focused IAQ strategies that would enable the continued safe operation of commercial buildings while still maintaining the achievement of their energy and carbon reduction goals.

In May 2020, NYSERDA released the FlexTech Energy Efficient Indoor Air Quality (IAQ) Mini-Bid, soliciting FlexTech Consultants to evaluate commercial building HVAC system interventions that could reduce the potential transmission of SARS-CoV-2 in the most energy efficiency way possible. Eleven FlexTech consultants were selected for this effort, encompassing 45 studies of 83 commercial buildings located throughout New York State. The final technical reports and case studies were reviewed by the ASHRAE Epidemic Taskforce before publication and are posted on NYSERDA's FlexTech Indoor Air Quality webpage.

Join us for this webinar where Lindsey June, a NYSERDA staff augmentation contractor from TRC Companies for the Efficiency Planning and Engineering Team, will reveal the overarching findings from the 45 studies, and representatives from the ASHRAE Epidemic Task Force will review the progressive iterations of their epidemic-conditions-in-place (ECiP) guidance.

Visit [Webex Events \(classic\)](#) to Register!



# EJCLI Networking Evening & Ethics Seminar - September 23rd



## Engineers Joint Committee of Long Island

*Anthony Cacioppo, P.E, Chair*

*Paul Lanzillotta, PE, Vice-Chair*

### NETWORKING EVENING with DINNER and ETHICS SEMINAR

**Thursday, September 23, 2021**

**Place:** Hilton Garden Inn Melville, 1575 Round Swamp Rd,  
Plainview, NY 11803 516 -755-5552 (Front Desk)

<b>Program:</b>	6:00 pm – 7:00 pm	Networking and Dinner
	7:00 pm – 9:00 pm	Seminar (2.0 PDH)
	9:00 pm – 9:30 pm	Cash Bar and Networking

**Seminar:** *“Professional Liability – Professional Misconduct – Ethical Considerations for the PE in New York State”*

**Description:** The presentation will provide an examination of the interplay between ethics, professional misconduct and design liability for the practicing professional engineer in New York State. Select topics, including the role of design-build versus design-bid-build in both the public and private sectors, will be discussed in depth. Specific case examples will be reviewed to provide a real-world context for the application of professional liability, professional conduct and ethical standards.

**Speakers:** Mark C. Kriss, J.D., founding partner in the law firm of Kriss, Kriss & Brignola, LLP, in Albany, New York. Mr. Kriss serves as legislative and legal counsel to the New York State Society of Professional Engineers.

This 2 PDH seminar is approved for the Ethics Seminar requirement by New York State.

#### **MEMBER SOCIETIES**

New York State Society of Professional Engineers  
-Long Island Chapter  
American Institute of Aeronautics & Astronautics  
Institute of Industrial Engineers  
American Society of Civil Engineers  
US Merchant Marine Academy

Institute of Electrical & Electronic Engineers  
American Society of Heating Refrigeration  
& Air Conditioning Engineers  
American Society of Mechanical Engineers  
Society of Women Engineers  
Society of Manufacturing Engineers  
New York Institute of Technology – Old Westbury

Farmingdale State University  
Stony Brook University  
Hofstra University  
International Society for Automation  
American Society for Engineering Education  
American Society for Quality

# EJCLI Networking Evening & Ethics Seminar - September 23rd

## **EJCLI NETWORKING EVENING** **with DINNER and ETHICS SEMINAR**

**Thursday, September 23, 2021**

***“Professional Liability – Professional Misconduct – Ethical Considerations for the PE in New York State”***

### **REGISTRATION FORM**

**To register, complete and submit this form and payment by September 17, 2021 to:**  
**Andrew S. Haimes, P.E., 172 Sherry St, East Islip, NY 11730.**  
**For questions e-mail: [ashaimes@optonline.net](mailto:ashaimes@optonline.net)**

**Fee: \$35 (includes Dinner and Seminar)**  
**There is no fee for Students with valid ID**

**Make check payable to: “Engineers Joint Committee of LI”**

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American Society of Civil Engineers  
US Merchant Marine Academy

Institute of Electrical & Electronic Engineers  
American Society of Heating Refrigeration  
& Air Conditioning Engineers  
American Society of Mechanical Engineers  
Society of Women Engineers  
Society of Manufacturing Engineers  
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FOR MORE INFORMATION GO TO - <https://www.ashrae.org/education--certification/certification>

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**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.**

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