



Twin Tiers Chapter

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

Special points of interest:

- President Message
- Twin Tier News
- Monthly Meetings
- Society News
- Scholarships
- Business Card Advertisements
- Employment

ASHRAE 2020-2021



Shaping Tomorrow's
Built Environment Today

February Meeting

February 16, 2021
Virtual Presentation

PRESENTATION:

Hydronic Design and Control Strategies for Condensing Boilers (1PDH)

Alex Pedrossa, Application Engineer
Fulton Heating Solutions, Inc.

To register, visit the Chapter website:

<http://twintiers.ashraechapters.org>

Please send all newsletter comments to:
Andrew Nice, Newsletter Editor
c/o Meier Supply Co.
275 Broome Corporate Parkway
Conklin, NY 13748
[Email the Editor](#)

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



Corner

President's

Dear Twin Tiers Chapter Members,

First off, thank you to all our active committed members who continue to attend our monthly meetings, and who have given so generously to our recent Research Promotion initiatives and fundraisers. Without your engagement and generosity, our Chapter would not be able to have the impact that we are able to have in our industry locally, and so we very much appreciate it. Our January Meeting featured a virtual lunch hour tour of Binghamton University's recently completed renovations to the Engineering Building. Thank you to Donald Harris PE, of Delta Engineers for giving the presentation and sharing your insights and discussing the challenges faced during the duration of the project.

Our February chapter meeting will be a lunch hour virtual presentation titled "Hydronic Design and Control Strategies for Condensing Boilers". The presentation will cover the topic of condensing and how it is used in condensing boilers. The different types of condensing boilers, heat exchanger technologies and the main differences between them as well as materials of construction. An explanation of a primary-secondary hydronic design along with the pros and cons is provided. We detail the newer hydronic piping arrangement, variable primary piping and go over the many benefits the customer can gain by utilizing it. Lastly, we cover control strategies and go over ways to optimize the system for longevity and efficiency. The presentation will be given by Alex Pedrosa who is an Application Engineer with Fulton Heating Solutions Inc.

With spring quickly approaching (hopefully!), I would like to send out a couple of reminders to the chapter. For those of you that are unaware, every year our chapter has several scholarships available for students who are potentially interested in pursuing a career in the HVAC & R industry. If you happen to know any students that may be interested, please consider having them apply for one of our HO Ward scholarships using the application on our "Committees > Scholarship" page on the Chapter website. We are currently working on finalizing our format for the annual Spring Symposium which will likely be webinar based again this year in April. Stay on the lookout for updates to our future programs.

As always, if you would like to get involved in the chapter operations or events, please feel free to reach out to me or any other board member you may know. We are always looking for new volunteers for the chapter.

Thank you,
Devin Shapley
ASHRAE Twin Tiers 2020-2021 Chapter President

Chapter President



Devin Shapley
(607) 723-9421
[Email Me!](#)

2020-2021 Chapter Officers

President-Elect
Adam Keller
(315) 484-9526
[Email Me!](#)



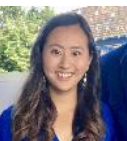
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(607) 239-3956
[Email Me!](#)



Treasurer
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[Email Me!](#)



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Dana Schmidt
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[Email Me!](#)



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

Twin Tiers Chapter

Presidential Award of Excellence (PAOE)

	Chapter Operations	Chapter Technology Transfer	Electronic Communications	Grassroots Government Activities	Historical	Membership Promotion	Research Promotion	Student Activities	Young Eng. In ASHRAE
MIN/ PAR	600/1200	550/1050	300/700	500/650	100/300	500/800	800/1050	500/800	300/800
Current	820	550	430	350	640	795	755	200	700

POINTS CURRENT AS OF 2/15/2021

Chapter Committee Chairs

Technology Transfer Adam Keller (315) 484-9526 Email Me!	Government Activities Adam Keller (315) 484-9526 Email Me!	Refrigeration Rob VanSkiver (585) 591-8168 Email Me!	Golf & Clambake Outing Michael McGinnis (607) 727-3168 Email Me!
Membership Promotion Chris Wolak (484) 350-1954 Email Me!	Nominating Devin Shapley (607) 723-9421 Email Me!	Meeting Reception Victoria Kramer (607) 321-6127 Email Me!	H.O. Ward Scholarship Richard Sanguinito (607) 231-6605 Email Me!
Research Promotion Michael McGinnis 607.727.3168 Email Me!	Student Activities Jason Gilbert (607) 777-2240 Email Me!	Membership Directory Chris Wolak (484) 350-1954 Email Me!	Albern Education Fund Jason Gilbert (607) 777-2240 Email Me!
Honors & Awards Devin Shapley (607) 723-9421 Email Me!	Historian Richard Sanguinito (607) 231-6605 Email Me!	Symposium– Fall/Spring Matthew Lloyd (607) 239-3956 Email Me!	Auditing Rick Sanguinito & Andrew Nice (607) 231-6605 / 607-760-5960 Email Me!
Webmaster Petros Papathomopoulos (607) 723-9421 Email Me!	Newsletter Editor Andrew Nice 607-760-5960 Email Me!	YEA: Young Engineers Kyle Nedlik (607) 321-6100 Email Me!	Publicity Andrew Nice 607-760-5960 Email Me!



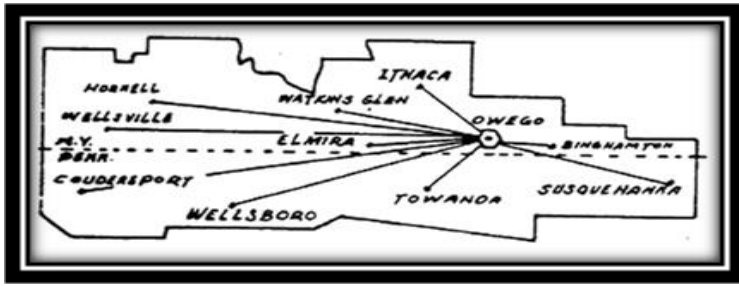
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Twin Tiers Chapter– Monthly Meeting Information

2020-2021 Meeting Dates:

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
22-Sep	Mark Davidson - Camfil USA	The Role of Air Filters in the Filtration and Disinfection COVID-19 Document	-
TBD	Multiple/TBD	Fall Engineering Symposium - VIRTUAL	-
17-Nov	Amir Refaat - Systemair	The Sound of Teaching: Bringing IQ back to the Classroom	-
15-Dec	Stephanie H. Taylor MD, M Architecture, CIC, FRSPH (UK)	Buildings Are Our Best Medicine	-
19-Jan	Donald Harris, PE, LEED AP Delta Engineers	Binghamton University Engineering Building Tour	-
16-Feb	Alex Pedrossa, Application Engineer Fulton Heating Solutions, Inc.	Hydronic Design and Control Strategies for Condensing Boilers	-
16-Mar	Panel Discussion Meeting	Student Night / YEA	-
20-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	-
18-May	New Brewery Tour	Refrigeration / Donor Recognition Night	-
15-Jun	None	Golf Tournament	-

NOTE: Speakers and topics are subject to change based on availability.



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

ASHRAE Recognizes Members for Outstanding Industry Accomplishments

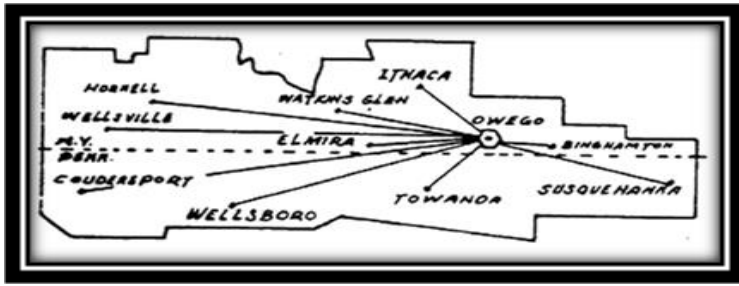
ATLANTA (February 12, 2021) – ASHRAE is pleased to recognize the outstanding achievements and contributions of members to the Society and the heating, ventilation, air conditioning and refrigeration industry. Honors and awards were presented during the 2021 ASHRAE Virtual Winter Conference, February 9-11.

A list of awards and recipients are below:

Fellow ASHRAE

Fellow ASHRAE is a membership grade that recognizes members who have attained distinction and made substantial contributions in HVAC&R and the built environment such as education, research, engineering design and consultation, publications, presentations, and mentoring. The Society elevated 14 members to the grade of Fellow:

- **David Michael Platt, retired, Corning, NY.**



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

Twin Tiers ASHRAE H.O. Ward Scholarship



By
Rick Sanguinito H.O. Ward Scholarship Chairman 2020-2021

H. O. WARD SCHOLARSHIP

Date: February 15, 2021

Twin Tiers Chapter,

It has been some time since a scholarship could be offered. We would like to reestablish the scholarship opportunities for student members, children of members, grandchildren of members, nephews and nieces of members.

Please consider passing this application to your children or grandchildren. The program is guided for HVAC interest.

This would include but not limited to:

- HVAC trade school students
- Engineering students in building programs
- Engineering students with an interest to become a Professional Engineer (Mechanical)
- Engineering students in manufacturing (HVAC equipment)
- Engineering / trade school student that can demonstrate how their study relates to HVAC aspect like building trades, equipment manufacturing, research and development, HVAC maintenance, etc..

For more details and the application please visit our [WEBSITE](#).

APPLICATIONS MUST BE SUBMITTED BY
MARCH 5, 2021



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

Twin Tiers Chapter–
Business Cards Advertisement for Newsletter
ITS NOT TOO LATE!
To ADVERTISE your business card:

- Current business card adds will expire at the end of this year, December 31, 2021.
 - New subscription will run the calendar year 2021.
 - Cost to advertise for the 2021 year is \$50.
- Sign up now for the 2021 year On Pay Pal <http://twintiers.ashraechapters.org/page-newsletter.html>

Or Send Check and copy of business card to Twin Tier News Letter Editor:

Meier Supply Co.

Attn: Andrew Nice

275 Broome Corporate Parkway

Conklin, NY 13748

- Email a copy of your business card to [Twin Tier Newsletter Editor Email](mailto:TwintierNewsletterEditor@gmail.com).
- From Web site please visit: <http://twintiers.ashraechapters.org/page-newsletter.html>
 Go to the News Letter tab, and place your order to advertise your business card.

Business Card Advertising 2021

The Twin Tiers Chapter of ASHRAE can accept business card advertising with the following provisions:

- The company must be associated with HVAC&R technology.
 - The company must be a local service provider, a local manufacturer, or a manufacturer's representative serving the area.
- If you aren't sure, just ask.
- We are now accepting business card advertisements for the newsletters that will be published in 2021. This is a great opportunity to get your name and business in front of the over 250 subscribers to our chapter newsletter. The price for the newsletter only is \$50 for the entire 2021 year.

Business card ads can be placed using a scanned electronic copy of your business card, or you can mail your card to me (please no staples or paper clips).

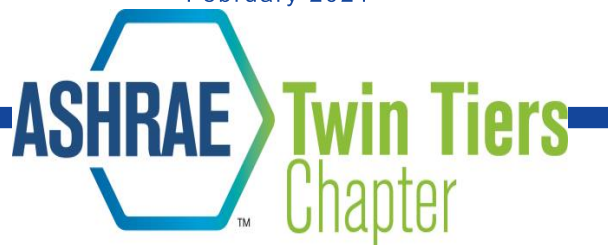
Questions? Call or email

Thank you for your support!

Andrew Nice


[Twin Tier Newsletter Editor Email](mailto:TwintierNewsletterEditor@gmail.com)

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



**Thank you
Sponsors!**

2021 Business Cards



Daniel Patnode
Technical Manager
New York State

100 Ridge Avenue
Liverpool, NY 13088 - U.S.A.
Phone: (315) 436-5490
dpatnode@armstronginternational.com
armstronginternational.com

Intelligent System Solutions STEAM • AIR • HOT WATER



Camfil USA, Inc.

6600 Deere Road
Syracuse, NY 13206
Tel: 315-468-3849
Fax: 315-468-1561
Mobile: 315-727-2302
Email: joe.o'hara@camfil.com
www.camfil.com

Joe O'Hara, NCT
Branch Sales Manager

Mike McGinnis
Sales Engineer - Southern Tier
O: 607-727-3168
mmcginnis@rlkistler.com
300 Mile Crossing Blvd, Rochester, NY 14624
StarkTechGroup.com



Kistler
A Stark Tech Group Company

MEIER SUPPLY CO., INC.
Refrigeration, Air Conditioning & Heating



Andrew Nice
Commercial HVAC Sales Engineer
Applied Products Division
607.760.5960 Cell

275 Broome Corporate Pkwy
Conklin, NY 13748
www.MeierSupply.com
ANice@MeierSupply.com

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**Your business card could be
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clients every month!**



Contact Andrew Nice for more Info!
607-760-5960
anice@meiersupply.com

Only \$50 per Year!



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

February Chapter Meeting Announcement

February 16, 2021

ASHRAE Twin Tier February Chapter Meeting

DATE: Tuesday, February 16th, 2021

TIME: 12:00 (noon) PM

MEETING LOCATION: Virtual Meeting

SPEAKER: Alex Pedrossa, Application Engineer
Fulton Heating Solutions, Inc.

DESCRIPTION: In this course we will cover the topic of condensing and how it is used in condensing boilers. The different types of condensing boilers, heat exchanger technologies and the main differences between them as well as materials of construction are covered in detail during this presentation. An explanation of a primary-secondary hydronic design along with the pros and cons is provided. We detail the newer hydronic piping arrangement, variable primary piping and go over the many benefits the customer can gain by utilizing it. Lastly, we cover control strategies and go over ways to optimize the system for longevity and efficiency

AGENDA: 12:00 – 12:10: Chapter Announcements, Meeting Introduction
12:10 – 1:00: Presentation
1:00 – 1:15: Questions

REGISTRATION: [CLICK HERE TO REGISTER!](#)

CONTACT: Adam Keller
(Please call, text, or email me at below with any questions or if you get lost)

E: [Email Me!](#)

C: (315) 484-9526



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

ASHRAE Twin Tiers Chapter Research Promotion

Dear ASHRAE Twin Tiers Member or Research Promotion (RP) Supporter,

As the RP Chair and a fellow member of the Twin Tiers Chapter, I wanted to personally ask you for your help in supporting ASHRAE Research. ASHRAE's research program, established in 1912, supports 140 research projects with a combined value of more than \$15 million. Research focus includes energy and resource efficiency, indoor environmental quality, design, operation and management tools, alternative technologies, and materials and equipment. This year in particular, research dollars have been used to help study and provide recommendations to prevent the transmission of COVID-19. ASHRAE RP is accepting donation to go directly to COVID-19 research (see below).

For ASHRAE COVID-19 Technical Resources:

<https://www.ashrae.org/technical-resources/resources>

For Research Information please see the following flyer:

[ASHRAE RP Informational Flyer](#)

You can either donate directly with a credit card, see link below:

ASHRAE RP: <https://xp20.ashrae.org/secure/researchpromotion/rp.html>

ASHRAE COVID RP: <https://xp20.ashrae.org/secure/foundation/covid.html>

or send a check to:

ASHRAE Research Promotion
Attn: Julia Mumford
180 Technology Parkway
Peachtree Corners, GA 30092

Make check payable to "RP Donation-ASHRAE Twin Tiers"

The chapter sends a huge **Thank You** to the following who have donated last year:

- Mark Mattina – Honor Roll
- Glenn Roberts – Honor Roll, Full Circle
- Adam Keller – Full Circle
- Kyle Nedlik – Full Circle
- Devin Shapley – Full Circle
- Art Monoco
- Victoria Kramer – Full Circle
- Matt Lloyd – Full Circle
- Matt Hawley
- Plumbers and Pipe Fitters Union 112 – Honor Roll
- Joe O'Hara
- Southern Tier Custom Fabricators – Honor Roll
- Ray Millard
- Mike McGinnis – Honor Roll, Full Circle

As a reminder, starting 7/1/2019, Honor Roll level contributions listed in ASHRAE's October Journal Issue start at \$150.00 for individuals and \$500.00 for companies. Honor Roll level is required to achieve the ASHRAE coin.

Email me or come see me (virtually) at a Chapter Meeting if you have any questions.

Mike McGinnis
Twin Tiers Research Promotion Chair
[Email Me](#)



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



TWIN TIERS SUPER BOWL POOL



Thank you to everyone that participated in our Super Bowl Pool this year! With your help we raised \$550 for ASHRAE Research which helps propel our industry forward.

CONGRATULATIONS TO OUR WINNERS!

Tim Hawley
John Hewitt
Steve Urda



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



This Engineers Week let's celebrate
and imagine a better tomorrow.

Join us.



#Eweek2021 | DiscoverE.org



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



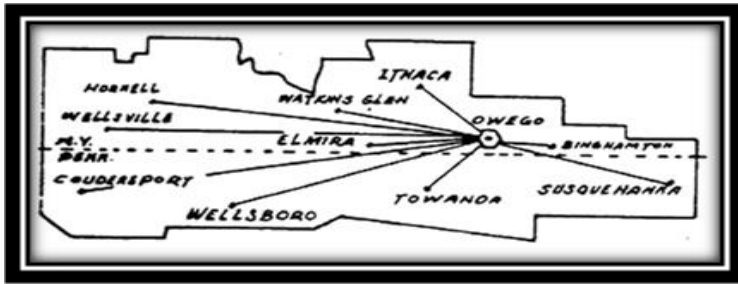
5:30–7 p.m. EST Thursday, Feb. 25

**Dear Members of the Engineering &
Academic Communities and Guests,**

The Annual Engineers Week Dinner Event will have a different look this year. The National Society of Professional Engineers – NY, Broome Chapter, is collaborating with Binghamton University for an online event that allows us to celebrate Engineers Week during this time of social distancing. The event is called, “Virtual Alumni and Friends Networking Night 2021” and the theme is “Imagining Tomorrow”. The National Society of Professional Engineers will present the Engineer and Young Engineer of the Year awards during this event.

For more information please follow this [LINK](#).

REGISTER



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

Twin Tiers Chapter - January BOG Meeting Minutes



<http://twintiers.ashraechapters.org>

Board of Governors Meeting

Date: January 19, 2021

Location: Video Conference Call

Agenda

Meeting was called to order at: 4:02 by Devin

- Call to Order and Attendance:
 - Attended: Devin Shapley, Chris Wolak, Andy Nice, Travis Fisher, Jason Urso, Steven Sill, Adam Keller, Kyle Nedlik, Victoria Kramer, Mike McGinnis, Jason Gilbert, Dana Schmidt
- Item to Discuss:
 - Vote to approve the December Meeting Minutes- Motioned by Victoria. Seconded by Adam. Approved by All.
 - Guest: Jason Urso, Membership Promotion Committee – Regional Vice Chair
 - Region 1 MPC
 - Covid has hit ASHRAE hard. 57,500 members in Feb -> 53,000 by Dec. Loss of 4,300 members. Hasn't been this low since 2013.
 - Our region had 5,600 → dropped to 5,190 members
 - Our Chapter had 98 -> dropped to 90 members. 10% loss
 - Hardship notice- ASHRAE will pay for memberships with financial impact. Loss job or reduced hours.
 - If company doesn't want to pay, this will not apply
 - members@ashrae.org
 - Delinquent – 3 members
 - 14 cancelled- many due to company won't contribute towards fees
 - Chris to send list, contact members and share feedback with Jason Urso
 - Student membership does not count towards our overall count performance
 - Depending on funds- It is an option to lend assist
 - Open Floor
 - Travis to send out final golf report.
 - Travis has finalized books. Profits a little over \$2,000
 - Travis to send over books
 - Joe Haile- From Day Automation has a large amount of ASHRAE historical documents. To send to Rick Sanguinito



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

Twin Tiers Chapter - January BOG Meeting Minutes (Cont.)

- Treasurer's Report (Victoria Kramer): To update Super Bowl square numbers. \$27 invoice from facilities from last year
 - All Accounts are in good standing.
 - Xero accounting software update
 - Victoria able to link accounts. Will continue to learn
 - One month free trail. After that only \$11/month. May be able to apply discounts
 - PayPal account updates
 - Only Twintrees and ashraett2015 email can access PayPal Accounts
 - Password is the same
 - If you need access from a different email contact Victoria.
 - PayPal is a business account. Should update name to current treasurer each year for recovery items
 - Open item- M&T update authorized signers. Once added inquiry- Victoria to connect with Devin and Adam. Adam to send Victoria documents.
- CTTC (Adam Keller/Matt Lloyd):
 - Update on the year's proposed calendar of events
 - No news on next month- PDH presentation or project outline
 - Will brainstorm some ideas this week
- YEA (Kyle Nedlik):
 - Update on future event
 - Put together video library.
 - 4-5 minutes on each piece of equipment and explain how it involves in the overall system.
 - Jason previously created some walkthrough videos of mechanical rooms and RTUs- to send to Kyle
 - Kyle to reach out to folks this week.
- Membership Promotion (Chris Wolak):
 - Kyle reached out to Kevin M from Stantec- Got commitment that he will renew
 - Binghamton.edu emails with a number in it were students
- GGAC (Adam Keller):
 - Up to around 250 points. In good shape
- Student Activities (Jason Gilbert):
 - Some student chapters still around. Try to coordinate.
 - Will look to establish board for next year
 - No interns.
 - All remote. Difficult to rally
- Research Promotion (Glenn Roberts / Mike McGinnis):
 - Super Bowl pool is now live.
- PAOE (Devin Shapley): See below (as of 01/19/2020)
 - Reminder to chairs that they can update PAOE points.
 - Please review any points that are to be assigned by the region and reach out to the responsible person as required
 - Can access online and update points as needed



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

Twin Tiers Chapter - January BOG Meeting Minutes (Cont.)

CATEGORY	PAR	MIN	PTS
<u>Chapter Operations*</u>	1200	600	580
<u>Chapter Technology Transfer*</u>	1050	550	550
Communications	700	300	430
<u>Governmental Affairs*</u>	650	500	150
Historical	300	100	240
<u>Membership Promotion*</u>	800	500	770
<u>Student Activities*</u>	800	500	200
<u>RP*</u>	1050	800	1020
<u>YEA</u>	800	300	700
Total	3/6 and 5/8	8/8	

Pts – Have NOT Achieved Min

Pts – Have Achieved Min, but not PAR

Pts – Have Achieve PAR

- PAOE: Minimum in 5 of the following 6 categories: Chapter Operations, Chapter Technology Transfer, Governmental Affairs, Membership Promotion, RP and Student Activities - **Achieved**
- Special Citation: Minimum in 5 of the 6 categories, with a minimum of 5,500 points - **Incomplete**
- STAR: PAR in all categories - **Incomplete**
- Honor Roll: PAOE for at least four consecutive years - **Achieved**
- High Honor Roll: STAR for at least four consecutive years - **Achieved**
- Premier: PAOE every year since the chapter's inception or since 1970; minimum of four years; chapter's first year is excluded - **Achieved**
- New Business
 - \$8,000 in Albern account. Potential zoom distinguished lecturers. Market at a high, education at a low.
 - Jason to share Albern Bylaws for funds
 - Use some of the money to help make videos?
 - Limit card holders- treasure, president elect, VP
 - Jason and Victoria to look into H.O. Ward for YEA? Look into modifying
 - Look into H.O Ward application to lower GPA?
 - Must be affiliated by family or chapter
 - Give resume and then instead of essentially rewriting your resume in paragraph form, have them answer a few questions. For example, why do you want this scholarship, where do you see yourself in 5 years, etc.
 - Check original bylaws
- Everyone watch YouTube harassment video Devin is to send.

Meeting was adjourned at 5:04

Motioned: Andy

Second: Chris



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

What Were They Thinking???



Did you say hit it?

Do you have a funny, “unique”, or just plain horrible installation picture?
Please send them to the Editor at anice@meiersupply.com

*** All names/brands are removed to protect the guilty. ***



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

TRAINING



New York State Professional Engineers **Self Study Ethics PDH Available!**

As a licensed professional in New York State, it is your professional responsibility to know the legal and ethical requirements governing the practice of your profession and to be alert to changes in those requirements. The New York State Board for Engineering and Land Surveying, in an effort to help you stay abreast of your professional responsibilities, has developed this short, self-study educational activity in ethics.

This educational activity is based on the New York State Education Law Articles 130 and 145, the Rules of the Board of Regents Parts 1, 3, 17, 18, 28, 29, 31, and the Regulations of the Commissioner of Education Parts 59 and 68. It is strongly recommended that, prior to taking the self test, you review these [foundational materials](http://www.op.nysed.gov/prof/pels/pelaw.htm) (<http://www.op.nysed.gov/prof/pels/pelaw.htm>) on the engineering web site.

Once you have reviewed the foundational materials, proceed to complete the self test below. When you have completed the self test, click the "Get your score" button at the bottom of the page. You should print this screen and save it as evidence of satisfactory completion of this educational activity. A score of 90% or greater will allow you to claim 1 Professional Development Hour (PDH) of educational activity credit in ethics ONCE in each three-year registration period. Retain your printed screen for no less than 6 years from the date of completion.

Take Your PE Ethics Self Test Here!

<http://www.op.nysed.gov/prof/pels/peceselftest.htm>



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

TRAINING



New York State Professional Engineers
Need a few extra PDH?
FREE Online Courses are Available!

www.aecdaily.com

www.ronblank.com

The above websites offer free online courses that are approved for credit!





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

TRAINING



Certified

ASHRAE Certification

Advance Your Career Today!



With already more than 3,000 certifications earned to-date, ASHRAE programs were founded to meet the industry needs of today and provide value to thousands of built-environment professionals, employers and building owners.

ashrae.org/certification



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

TRAINING

The Benefits of an ASHRAE Certification Value for Certification Earners

- ✓ Validation of specialized knowledge, skills and ability
- ✓ Unparalleled recognition
- ✓ Career development

Value for Employers

- ✓ Identify and recruit qualified professionals
- ✓ Elevated credibility among customers
- ✓ Greater employee job satisfaction

Easy Steps to ASHRAE Certification

1. Read the *Candidate Guidebook*

Visit ashrae.org/certification and download the guidebook for the program in which you are interested.

2. Complete the Application

The ASHRAE Member discounted application fee is \$395 (non-member – \$545).

3. Schedule an Examination

Certification examinations are offered at over 300 conveniently located computer-based testing centers worldwide.

4. Renew the Certification

Each certification is renewable every three years.

Certification@ashrae.org | 1-678-539-1105



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

TRAINING



News

FOR IMMEDIATE RELEASE

Media Contact:

Karen Buckley Washington
Public Relations Specialist
kbwashington@ashrae.org

ASHRAE Learning Institute Releases New HVAC Design Training Schedule

Registration now open

ATLANTA (November 16, 2020) – **Registration** is now open for HVAC Design and Operations training through ASHRAE Learning Institute (ALI). The training will run from December 2020 through June 2021.

"As technology continues to change, the need for training that incorporates the latest building performance solutions will become critical," said 2020-21 ASHRAE President Chuck E. Gullette III, P.E. "ASHRAE's HVAC Design training offers comprehensive professional development that is useful in addressing the today's industry challenges."

In light of COVID-19 and the safety of ASHRAE course participants, the HVAC Design trainings will be held online.

HVAC Design: Level I – Essentials provides intensive, practical training ideal for recent technical or engineering school graduates and engineers new to the HVAC field. Developed by industry-leading professionals selected by ASHRAE, the training provides attendees with the fundamentals and technical aspects of HVAC design, installing and maintaining HVAC systems, that can be put to immediate use.

HVAC Design Level II – Applications provides instruction in HVAC system design for experienced HVAC engineers and those who have completed the

HVAC Design: Level I – Essentials. The training covers the technical aspects of design and methods to increase energy savings through innovation in HVAC design.

[MORE INFORMATION & REGISTRATION HERE!](#)

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



Comments? Suggestions?

Andrew Nice, Editor
c/o Meier Supply Co.
275 Broome Corporate Parkway, Conklin, NY 13748
anice@meiersupply.com

We welcome your feedback!



ASHRAE Mission Statement

ASHRAE will advance the arts and sciences of heating, ventilation, air conditioning, refrigerating and related human factors to serve the evolving needs of the public and ASHRAE members.

Ethics Requirement for PE

PE's in NYS will be required to have one hour of Ethics within their 36 hours of continuing education for registration periods beginning August 1, 2011 and after.

ASHRAE Vision Statement

ASHRAE will be the global leader in the arts and sciences of heating, ventilation, and air conditioning.

ASHRAE will be foremost authoritative, timely, and responsive source of technical and education information, standards and guidelines.

ASHRAE will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and embracing diversity.

***Advancing HVAC&R to
serve humanity and pro-
mote a sustainable world"***

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