



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 2021-2022



Shaping Tomorrow's Built Environment Today

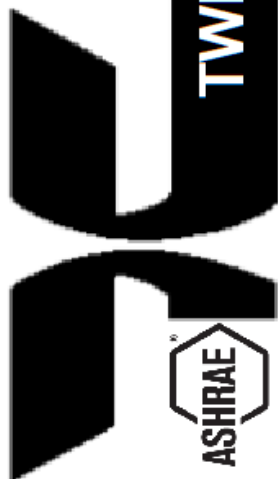
May Meeting May 25, 2022

TOUR & PRESENTATION:

SUNY Broome Culinary & Events Center Tour & Panel Discussion

Devin Shapley, PE, McFarland Johnson
David Ligeikis, SUNY Broome
Eric Webster, William H. Lane Inc.

TWIN TIERS TALK



To register, visit the NEW Chapter website:
<https://twintiersashrae.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](#)

Inside this issue:

President's Corner	2
PAOE	3
Chapter Events Calendar	4
Business Card Advertising	5
Chapter Meeting Details	6
Training Events	8
Employment Opportunity	14

President's

Corner

Dear Twin Tiers Chapter Members,

Thank you to everyone who braved the April snow storm and attended our Spring Engineering Symposium last month. It was our first in person Spring Symposium since 2019 and it was great to hold the event again. With the industry push towards decarbonization and electrification, we hope the annual engineering symposium will be a significant asset to our members to receive the latest information on these ever-evolving topics.

Our May meeting will be held on May 25th at the SUNY Broome Culinary & Events Center. This meeting will feature a building tour and panel discussion on the recent construction project that transformed the former Carnegie Library (originally constructed in 1903). The panel will consist of representatives from the Owner, Construction and Design teams. We look forward to seeing you there!

If you haven't heard already, ASHRAE Society President, Mick Schwedler will be in attendance at our Golf and Clambake event on June 7th. We are thrilled to be hosting Mick for this event and are looking forward to June 7th. Registration is still open for both the golf and clambake but there are only a few remaining slots for golf teams, so make sure to register your team before space fills up.

Thank you to all the chapter members and board members for their dedication to the Twin Tiers Chapter. If you are interested in becoming more involved with the chapter, please reach out myself or any of the current board members.

Thank you,
Adam Keller
Twin Tiers Chapter President

Chapter President



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

2021-2022
Chapter Officers

President-Elect
Victoria Kramer
(607) 321-6127
[Email Me!](#)



Vice President
Dana Ehrets
(315) 920-0487
[Email Me!](#)



Treasurer
Alison Kran
(631)806-5977
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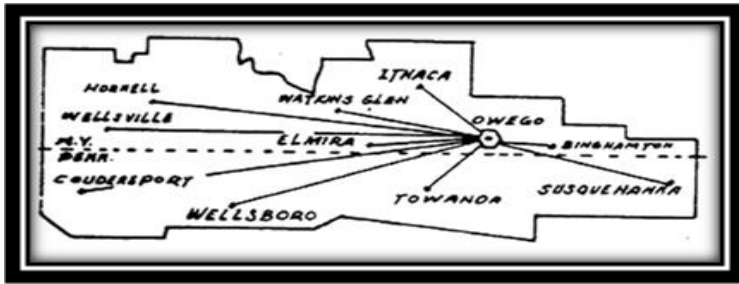


Secretary
Devin Shapley
(607)723-9421
[Email Me!](#)



Newsletter Disclaimer Statement

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Twin Tiers Chapter

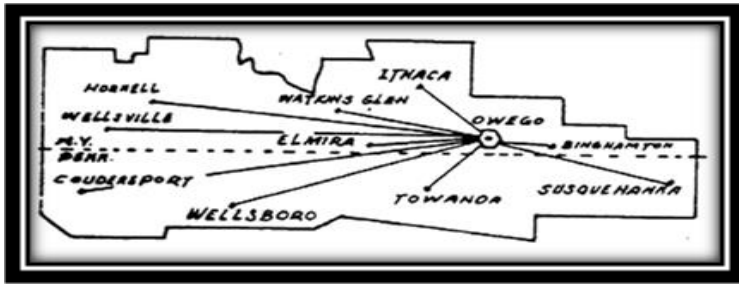
Presidential Award of Excellence (PAOE)

	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	950	1500	745	750	630	1550	1105	100	950

POINTS CURRENT AS OF 5/24/2022

Chapter Committee Chairs

Technology Transfer Victoria Kramer (607) 321-6127 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 Adam Keller (315) 484-9526 Email Me!	Meeting Reception Alison Kran (631) 806-5977 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 Adam Keller (315) 484-9526 Email Me!	Historian Richard Sanguinito (607) 231-6605 Email Me!	Symposium– Fall/Spring Dana Ehrets (315) 920-0487 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!



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

Twin Tiers Chapter– Monthly Meeting Information

2021-2022 Meeting Dates:

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
21-Sep	TOUR - Factory By Beer Tree	Brewery Tour & “Welcome Back” Social Hour	-
Oct-19	TOUR—Southern Tier Custom Fabricators	Sheet Metal & Piping Fabrication Shop Tour	-
16-Nov	Steve Kujak, ASHRAE DL	“The Future of Refrigerants” (1PDH)	-
21-Dec	Richard H. Rooley	Virtual Presentation: “Where Have All the Ethics Gone?” (1PDH) Donor Recognition, Research Promotion	-
18-Jan	Virtual TOUR - Cornell University	Campus Steam to Hot Water Conversion Past President, History, Research Promotion	-
15-Feb	Alex Pedrosa, Fulton Heating Solutions	Virtual Presentation: “Fundamentals of Condensing Boiler Vent Design” (1 PDH) Refrigeration Night	-
15-Mar	TOUR - Binghamton University Nursing School	Tour and Presentation of BU School of Nursing Student, & YEA Night (ASHRAE Jeopardy) (1 PDH)	-
19-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	-
25-May	TOUR - SUNY Broome Culinary Arts School	SUNY Broome Culinary School Tour	-
7-Jun	None	Golf Tournament	-

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

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and Air-Conditioning Engineers, Inc.



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Sr. Mechanical Engineer

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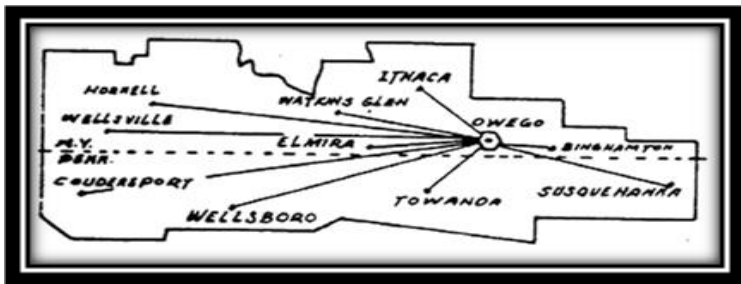
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May Chapter Meeting Announcement

May 25, 2022

ASHRAE Twin Tier May Chapter Meeting

DATE: Wednesday, May 25th, 2022

TIME: 5:00 PM - 8:00 PM

MEETING LOCATION: SUNY Broome Culinary & Events Center - 78 Exchange Street, Binghamton, NY

SPEAKERS: Devin Shapley, PE - Mechanical Engineer, McFarland Johnson
David Ligeikis, Director of Facilities Management, SUNY Broome
Eric Webster, Senior Project Manager, William H. Lane Inc.

DESCRIPTION: In 2020, SUNY Broome open its doors to the Culinary & Events Center on Exchange St. in downtown Binghamton. The former Carnegie Library, constructed in 1903, has been transformed into hands-on, state-of-the-art classrooms for SUNY Broome's Hospitality Programs, as well as ample event space available for public use. Join us for a building tour and panel discussion.

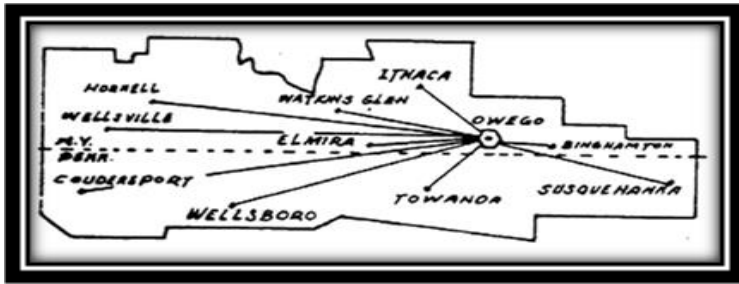
Dinner and Bar sponsored by LG & Meier Supply.



AGENDA:
5:00 – 5:30: Check-In & Networking Time
5:30 – 6:15: Building Tour
6:15 – 6:30: Buffet Dinner, Chapter Announcements, & Introductions
6:30 – 7:30: Presentation & Panel Discussion

MEETING LINK [REGISTER HERE!](#)

CONTACT: Victoria Kramer
(Please call, text, or email me at below with any questions or if you get lost)
E: [Email Me!](#)
C: (607) 742-0619



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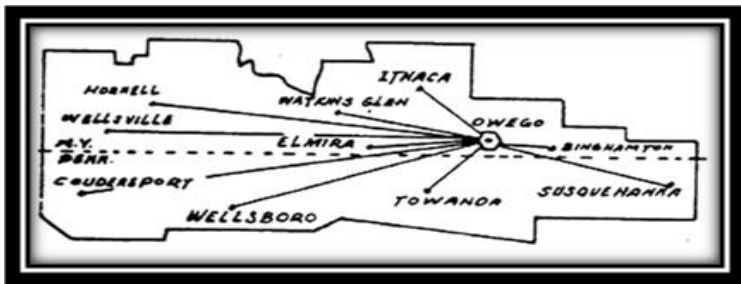
What Were They Thinking???



R-410A rated rubber tubing!

**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. *****



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TRAINING



New York State Professional Engineers Self Study Ethics PDH Available!

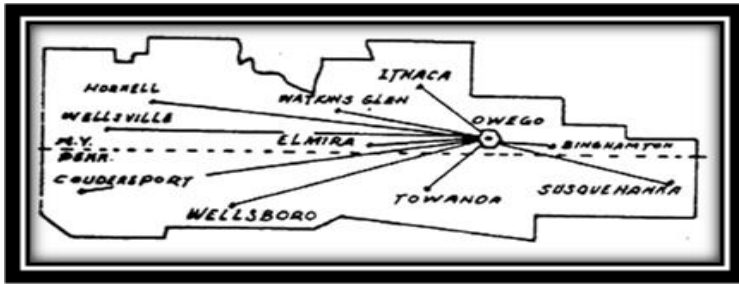
As a licensed professional in New York State, it is your professional responsibility to know the legal and ethical requirements governing the practice of your profession and to be alert to changes in those requirements. The New York State Board for Engineering and Land Surveying, in an effort to help 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>



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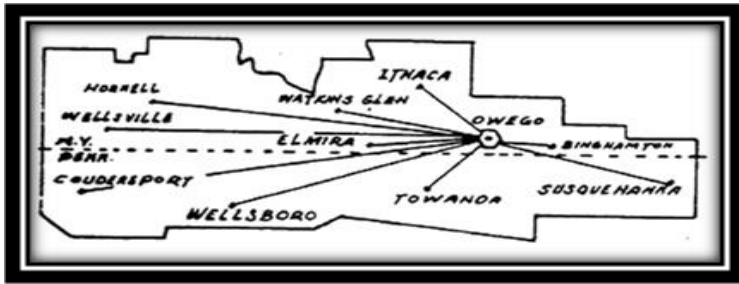
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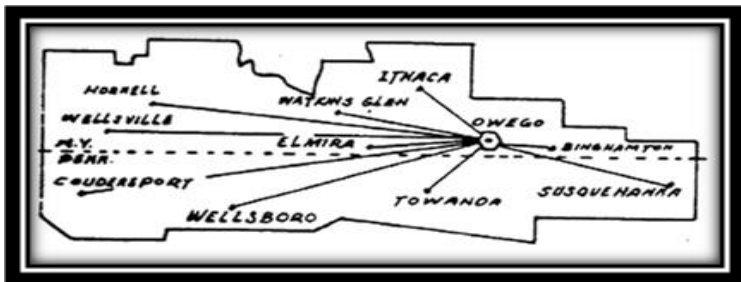
TRAINING

A blue banner with the ASHRAE logo at the top center. Below the logo, the text reads "Certified ASHRAE Certification Advance Your Career Today!".

A hand holding a smartphone displaying a LinkedIn profile for Dwight Schulte, an HVAC Designer in Atlanta, Georgia. A green starburst graphic on the left contains the text "NEW! DIGITAL BADGING Helps you get the recognition you've earned." The smartphone screen also shows a post from Dwight Schulte sharing a verified achievement from ASHRAE on LinkedIn.

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



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Certified HVAC Designer (CHD)



- The CHD certification validates competency of an HVAC Designer, working under the responsible charge of an engineer, to design HVAC systems to meet building/project requirements, including load calculations, equipment selection and sizing, mechanical equipment room design, duct and piping design and layout for the development of HVAC plans for permit and construction.
- In an Industry Need survey, ASHRAE member respondents who influence the hiring decision agree the CHD is a tool to identify competent new hire prospects.

High-Performance Building Design Professional (HBDP)

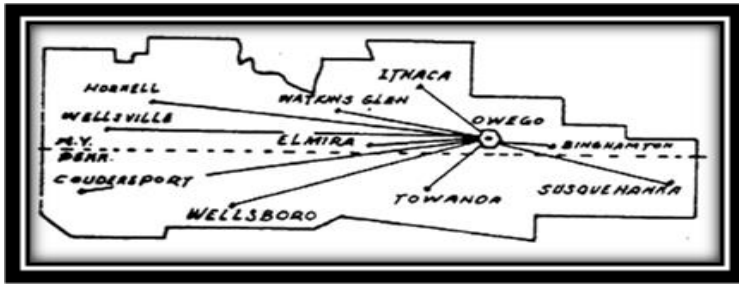


- The HBDP certification validates competency to design and integrate sustainable HVAC&R systems into high performing buildings.
- Today's building design market requires use of ground-breaking technologies in new and existing structures to meet the need of building owners.

Building Energy Modeling Professional (BEMP)



- The BEMP certification validates competency to evaluate, select, implement, calibrate and interpret the results of energy modeling software when applied to new and existing building and systems energy performance.
- The BEMP certification complements ASHRAE's Building Energy Quotient (BuildingEQ) program by helping to ensure that only qualified practitioners can submit As Designed Workbooks to receive building ratings from ASHRAE.



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Building Commissioning Professional (BCxP)



- The BCxP certification validates competency to lead, plan, coordinate and manage a commissioning team to implement commissioning processes in new and existing buildings.
- Recognized by the U.S. Department of Energy (DOE) as meeting the Better Buildings Workforce Guidelines (BBWG).

Healthcare Facility Design Professional (HFDP)



- The HFDP certification validates competency to incorporate standards, guidelines as well as unique healthcare facility requirements and design principles in HVAC system design.
- Advances in technology, shifting environmental requirements and an increasingly older population have created a critical need for expansion and renovation of healthcare facilities.

Building Energy Assessment Professional (BEAP)



- The BEAP certification validates competency to assess commercial building systems and site conditions, analyze and evaluate equipment and energy usage, and recommend strategies to optimize building resource utilization.
- The BEAP certification is integral to ASHRAE's Building Energy Quotient (BuildingEQ) program by helping to ensure that only qualified practitioners can submit In Operation Workbooks to receive building ratings from ASHRAE.
- Recognized by the U.S. Department of Energy (DOE) as meeting the Better Buildings Workforce Guidelines (BBWG).

Operations & Performance Management Professional (OPMP)



- The OPMP certification validates competency to manage facility operations and maintenance to achieve building performance goals, including those related to indoor environmental quality, health and safety.
- Staying current with the latest facility operation strategies and technologies can reduce energy use in buildings by 10% to 40%.

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Thank you Sponsors!

2022 Business Cards

Mike McGinnis

Sr. Sales Engineer

Equipment Business Unit

5615 Business Ave.

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Business card for Paul Conte, Sales Engineer at Guckian Energy Systems. Contact info: 913 Old Liverpool Rd., Ste #1F, Liverpool, NY 13088. Phone: (315) 398-8646, (315) 437-0225. Email: paulc@guckianenergy.com. Website: www.guckianenergy.com.



Nicholas Neiley

Senior Engineer, Commissioning Division
FST-HEA, LLC

Address: 358 W. Jefferson Street, Suite 300, Syracuse, NY 13202

Mobile: (315) 571-4101

Email: nneiley@horizon-engineering.com

Business card for Daniel Patnode, Technical Manager at Armstrong International. Contact info: 100 Ridge Avenue, Liverpool, NY 13088 - U.S.A. Phone: (315) 436-5490. Email: dpatnode@armstronginternational.com. Website: armstronginternational.com. Tagline: Intelligent System Solutions STEAM • AIR • HOT WATER

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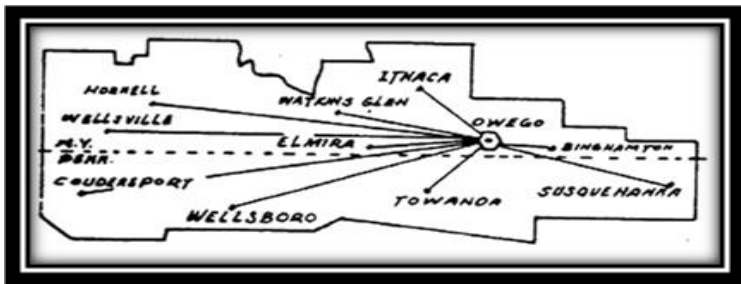
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Twin Tiers Chapter– Employment Opportunities



Cornell University

Mechanical Engineering Section Manager

What Cornell needs:

- Bachelor's degree in Mechanical Engineering is required.
- New York State Professional Engineering license required (or be licensed in another state and be able to obtain a NYS license within 12 months).
- 10+ years of related experience that includes technical design and management, including three years' experience in leadership role(s) such as design team leader, project manager or section leader.
- Must be skilled in facilities mechanical system design including HVAC, laboratory design, fire protection, and utilities distribution.
- Must have working knowledge of the NYUBFC, ASHRAE standards and NFPA codes.
- Familiarity with construction operations and demonstrated skill in construction estimating.
- Successful leadership experience is required, including
- A well-developed maturity in decision processes and leading diverse teams with conflicting needs or requirements is required.
- Demonstrated ability to maintain customer confidence and trust.
- Dedication to excellent customer service is a must.
- Ability to manage a highly variable workflow with a limited staff while not compromising quality or service.

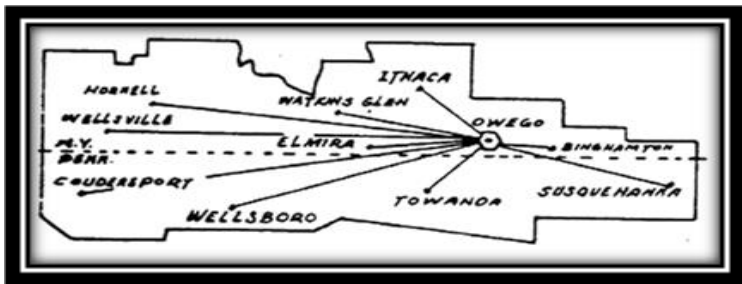
Additionally, Cornell would like:

- A Master's degree in Mechanical Engineering.
- Relevant certification and experience in sustainable practices as they result to facilities operations and infrastructure.
- Experience working in a research university or institution with equivalent technical buildings preferred.
- Demonstrated successful management and staff supervision experience is preferred.

Cornell University provides excellent benefits that include professional development, access to many wellness programs, employee discounts with local and national retail brands, health care options and generous paid leave provisions: 3 weeks of vacation, health and personal leave; 13 paid holidays (including end of year winter break), and great retirement options. Cornell has also been nationally recognized as an award-winning workplace for our health, well-being, sustainability, and diversity initiatives.

For more information please follow the link below:

[CLICK HERE!](#)



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[Twin Tiers Chapter– Business Cards Advertisement for Newsletter](#)

ADVERTISE your business card:

- Current business card adds will expire at the end of this year, December 31, 2022.
 - New subscription will run the calendar year 2022.
 - Cost to advertise for the 2022 year is \$50.
- Sign up now for the 2022 year on our website: <https://twintiersashrae.org/catalog.php?cat=3>

Or Send Check and copy of business card to Twin Tier News Letter Editor:
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Attn: Andrew Nice
275 Broome Corporate Parkway
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- Email a copy of your business card to [Twin Tier Newsletter Editor Email](#).

From Web site please visit: <https://twintiersashrae.org/catalog.php?cat=3>

Go to the News Letter tab, and place your order to advertise your business card.

Business Card Advertising 2022

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 2022. 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 2022 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](#)

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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Ithaca, NY 14851-6706