



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 2019-2020



November Meeting
Wednesday November 20, 2019

Research Promotion Night

TOUR & PRESENTATION:

**Koffman Southern Tier
Incubator Building
Eric LePore, P.E. - Cornell University**

To register, visit the Chapter website:

<http://twintiers.ashraechapters.org>

Please send all newsletter comments to:

Andrew Nice, 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,

The ASHRAE year is now in full swing, with Thanksgiving quickly approaching.

Our next chapter meeting will be a tour of the Koffman Southern Tier Incubator, and a presentation on the energy saving technologies used throughout the building. This building won a prestigious first place 2019 ASHRAE Technology Award, which recognizes outstanding achievement and application of innovative building design in the areas of occupant comfort, indoor air quality (IAQ) and energy conservation, and was also featured in the March 2019 edition of ASHRAE Journal. Please note that the meeting will be the third Wednesday in November, due to scheduling constraints.

The December meeting will be back to the regular third Tuesday of the month (12/17). The meeting will be held at the Ithaca Marriot, where we will have an ASHRAE Distinguished Lecturer as the presenter. During this meeting, we will be honoring all of our past presidents as well.

If you would like to get involved in the chapter's operations or events, please feel free to reach out to me or any board member. We are always looking for new volunteers for the chapter.

Lastly, I would like to mention that students from our Binghamton University ASHRAE Student Chapter are looking for sponsorships to help cover the costs associated with attending the 2020 ASHRAE Winter Conference in February in Orlando, FL. This is a fantastic learning and growth opportunity for our student members, and an opportunity for businesses within our industry to support the growth of it's future members – please consider sponsoring them through the "Student Branch" tab on our Chapter website.

Thank you,

Kyle Nedlik
Twin Tiers Chapter President

Chapter President



Kyle Nedlik
(607) 321-6100
[Email Me!](#)

**2019-2020
Chapter Officers**

President-Elect

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



Vice President

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



Treasurer

Matthew Lloyd
(607) 239-3956
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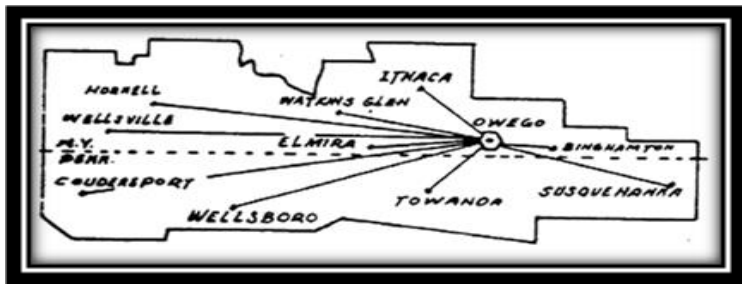
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Victoria Kramer
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Twin Tiers Chapter

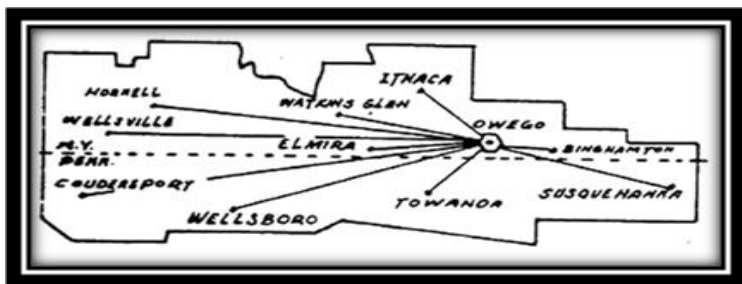
Presidential Award of Excellence (PAOE)

	Chapter Operations	Chapter Technology Transfer	Electronic Communications	Grassroots Government Activities	Historical	Membership Promotion	Research Promotion	Student Activities
MIN/ PAR	600/1200	450/1050	250/500	500/650	100/300	500/800	800/1050	300/500
Current	350	325	355	50	330	545	280	150

POINTS CURRENT AS OF 11/14/2019

Chapter Committee Chairs

Technology Transfer Devin Shapley (607) 723-9421 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 Kyle Nedlik (607) 321-6100 Email Me!	Meeting Reception Matthew Lloyd (607) 239-3956 Email Me!	H.O. Ward Scholarship Richard Sanguinito (607) 231-6605 Email Me!
Research Promotion Glenn Roberts (315) 234-1527 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 Kyle Nedlik (607) 321-6100 Email Me!	Historian Richard Sanguinito (607) 231-6605 Email Me!	Symposium– Fall/Spring Adam Keller (315) 484-9526 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 Dana Schmitt (315) 920-0487 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

2019-2020 Meeting Dates:

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
17-Sep	Richard Reichenbach - Sporlan	Flame-Free Refrigerant Fittings	-
15-Oct	Multiple/TBD	Fall Engineering Symposium—Daytime	-
20-Nov	Eric LePore, P.E. - Cornell University	Koffman Southern Tier Incubator Tour Research Promotion Night	-
17-Dec	Distinguished Lecturer	Topic TBD (Ithaca, NY) Past President & History Night	-
21-Jan	Binghamton Area Tour	Binghamton Arena & Hockey Game Membership Promotion	-
18-Feb	Binghamton University Tour	Binghamton University Tour	-
21-Mar	Southern Tier Fabrication Tour	Southern Tier Fabrication Tour Student Night & YEA	-
16-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	-
19-May	Brewery Tour	Presentation/Tour: TBD	-
16-Jun	None	Golf Tournament	-

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

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History Report - September



By
Rick Sanguinito Historian 2019-2020

September Meeting Summary

Date: September 17, 2019

Refrigeration & Donor Night!

The September 2019 meeting was a at Meier Supply Company Distribution Center, 275 Broome Corporate Parkway Conklin, NY 13748

Technical speaker was Richard Reichenbach, Regional Manager, Parker Hannifin Corp., Sporlan Valve Division

Flame-free fittings are gaining lots of traction in our industry and this presentation will explain why they're doing so and why you may want to specify them on your future pro-jects. If you can guarantee your client a cleaner, faster, and safer install, why wouldn't you? The presentation will also include a demonstration to show how quickly and easily these fittings can be utilized.

Members that attended included the following: Kyle Nedlik, Michael McGinnis, Glenn Roberts, , Andrew Nice, Adam Keller, Jason Gilbert, Devin Shapley, Petros Papathomopoulos, Ibrahima Balde, Anthony Tsui, Chris Hackett, Dana Schmidt, Joe Ohara, Christopher Wolak, Robert VanSkiver, Kyle Nedlik, Matt Hawley, Richard Reichenbach, Chris Zarelli, Matthew Morgan.



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

History Report - September



Photos 1: Jason Gilbert makes a press refrigerant fitting.

Photos 2: Richard Reichenbach of Sporlan presents on press refrigerant fittings.



Photos 3: Matt Lloyd makes a press refrigerant fitting.



Photo 4: ASHRAE Meeting Presentation



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

November Chapter Meeting Announcement

November 20, 2019

ASHRAE Twin Tier November Chapter Meeting

DATE: Wednesday, November 20th, 2019

TIME: 5:00 PM

MEETING LOCATION: Koffman Southern Tier Incubator
120 Hawley Street
Binghamton, NY 13901

SPEAKER: Eric LePore, P.E. - Cornell University

DESCRIPTION: This month's meeting will include both a tour and presentation of the Koffman Southern Tier Incubator (KSTI) Building. The building is an approximately 38,000 sqft facility that provides labs and shared facilities for start-up companies. The project won a prestigious first place 2019 ASHRAE Technology Award, which recognizes outstanding achievement and application of innovative building design in the areas of occupant comfort, indoor air quality (IAQ) and energy conservation, and was also featured in the March 2019 edition of ASHRAE Journal. Following a tour of the facility there will be a presentation during dinner which will highlight the energy saving technologies utilized for this project.

AGENDA: 5:00 – 5:30: Social Time
5:30 – 6:30: Facility Tour
6:30 – 6:45: Brief Chapter Meeting
6:45 – 8:00: Dinner & Presentation

MENU: Buffet Dinner Catered by Food & Fire BBQ.

REGISTRATION: You may pre-register by phone, e-mail, or online at:
<http://twintiers.ashraechapters.org/page-programs.html>
\$25.00 Early Registration (By 11/15/2019)
\$30.00 (After 11/15/2019)

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

E: [Email Me!](mailto:devin.shapley@twintiers.ashraechapters.org)

C: (607) 584-6916

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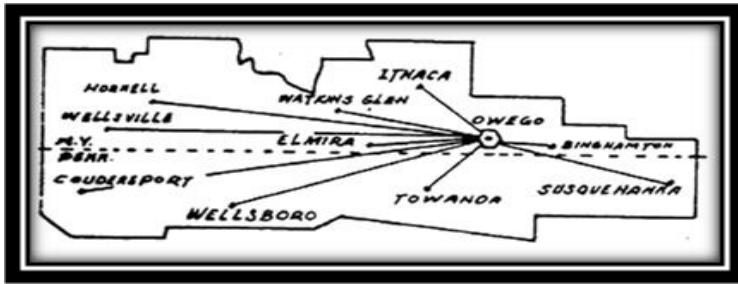
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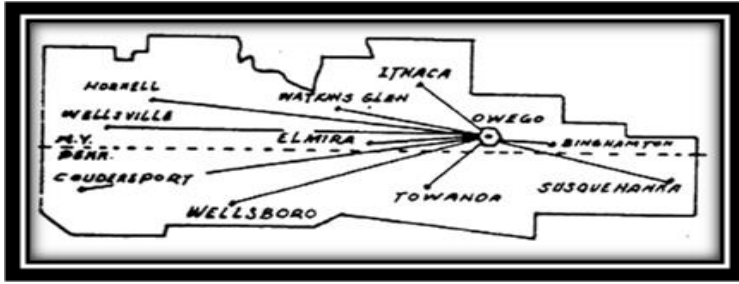
Binghamton University ASHRAE Student Chapter

Dear Binghamton ASHRAE Sponsor,

The annual ASHRAE winter conference is the world's largest gathering of HVAC&R professionals to share academic and professional initiatives. Several events of interest include various student tours, multiple workshops and seminars, and an opening session featuring ASHRAE President Darryl K. Boyce and a keynote speech from Ed Hochuli. Attending this conference is a valuable opportunity for students to network with professional engineers in the field, as well as learn more about the HVAC&R industry through local plant tours, workshops, and seminars. This year, the conference is being held at the Orange County Convention Center in Orlando, Florida and the Binghamton Student Branch of ASHRAE is seeking funding to help curtail expenses so active students will be able to reap the benefits of attending. Three members of ASHRAE's executive board are hoping to attend this year's conference: Jalaal Shah-Taylor (President), Amanda Pelkey (Vice President), and Sean Bennett (Treasurer). Expenses for this trip would include roundtrip airfare from Syracuse to Florida, four nights at a hotel in the vicinity of the conference, registration fees, airport parking, t-shirts, and miscellaneous travel expenses. Such costs for the minimum number of people expected to attend are tabulated below.

Winter Conference, Expected Stay - 5 Days		
Expenditures	Per Person	Total
Flight	\$151.00	\$604.00
Hotel	\$94.00	\$752.00
Shirts	\$84.56	\$338.22
Tickets	\$30.00	\$120.00
Meals	\$66.00	\$330.00
Parking	\$25.00	\$100.00
Transportation	\$25.00	\$100.00
Tours	\$225.00	\$900.00
TOTAL	\$811.06	\$3,244.22

Because Binghamton ASHRAE is not yet chartered by Binghamton University's Student Association, it is difficult to obtain funding for this conference -- much of our funding requires the generosity of companies such as yours. Any amount of donation would be incredibly helpful, and the top five sponsors would earn advertising rights on our group's t-shirts. Each additional donation would allow for a proportional increase in advertising space. With these t-shirts, Binghamton ASHRAE would proudly display our sponsors as a thank you for your generosity, as well as showcase our pride and enthusiasm for being a chartered student branch.



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

Binghamton University ASHRAE Student Chapter

Donations can be made through <http://twintiers.ashraechapters.org/page-student-thankyou.html> . Here you will find PayPal buttons to make payments online. Checks would also be accepted, and can be mailed to the following address:

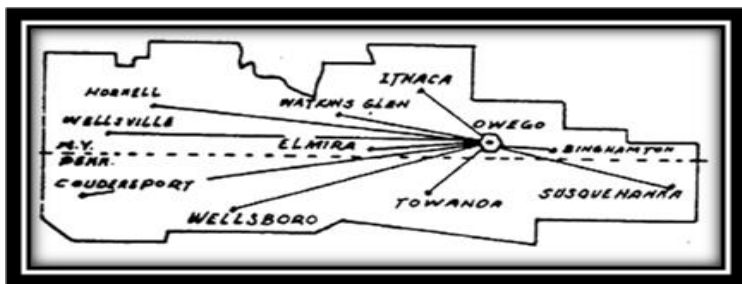
Jason A. Gilbert, P.E. Student Branch
Advisor P.F. at Binghamton University
4400 Vestal Parkway East (PO Box 6000)
Binghamton, NY 13902-6000

As an official student branch, Binghamton ASHRAE is able to provide various opportunities for aspiring HVAC&R engineers to network and expand their knowledge of this field, and attending conference would be a valuable experience for our members. Thank you for your consideration.

Sincerely,
Binghamton ASHRAE Executive Board
Binghamton University
buashrae@gmail.com



From left to right:
Sean Bennett (Treasurer), Jalaal Shah-Taylor (President), Amanda
Pelkey (Vice-President)



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

What Were They Thinking???



The architect's "mechanical closet"

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>



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TRAINING



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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, 2019.
- New subscription will run the calendar year 2020.
 - Cost to advertise for the 2020 year is \$50.
- Sign up now for the 2020 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:

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- Email a copy of your business card to [Twin Tier Newsletter Editor Email](mailto:Andrew.Nice@meiersupply.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 2020

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 2020. 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 2020 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:Andrew.Nice@meiersupply.com)

American Society of Heating, Refrigerating,
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Comments? Suggestions?

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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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