



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 2017-2018



Shaping Tomorrow's
Built Environment Today

March Meeting
March 20, 2018

TOUR:

Corning Incorporated Sullivan Park
Chiller Plant, Boiler Plant, and Lab Spaces

PRESENTATION:

Campus Systems and Energy Program

SPEAKER & TOUR GUIDE:

Ernie Nitsche

TWIN TIERS TALK



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.



President's

Corner

Dear Twin Tiers Chapter Members,

Spring is almost here and even though we went through yet another snowfall there is light at the end of the tunnel; better weather is ahead of us! When I came to the country 20 years ago, I could not understand people's obsession with the weather but quickly came to realize its importance and effects to our daily routine.

As we are preparing for spring, and gearing up for our Spring Symposium, we are also looking into becoming more involved in our community and help those in need. This year our chapter will be participating in the Construction of the Southern Tier, which is an international hunger-relief competition where teams compete to design and build structures made entirely out of canned food. Our current year Vice President, Kyle Nedlik, is chairing the event, as well as participating as the team captain for one of the team entries.

The canned food used in each structure will be distributed through CHOW to emergency food programs throughout Broome County including food pantries, soup kitchens, and other community meal programs. The funds raised will support both agencies' hunger-relief efforts including the Food Bank's BackPack Program. Winners of Construction of the Southern Tier will be nominated for the chance to compete on a national level. Come take peek at what Jason Gilbert has come up with for the Team Twin Tiers entry project.

Following February's well attended meeting at Binghamton University, March's event will be a tour of Sullivan Park Science & Technology Center in Corning, NY. This tour has been in the works for a few years now and thanks to Mike McGinnis it has finally become a reality. Due to the sensitive nature of the facility and the proprietary research taking place there, all that wish to attend the tour and presentation must sign up ahead of time and also complete Non-Disclosure Agreements prior to the event.

The forms will be made available very soon and once available we will upload to the ASHRAE Twin Tiers website as well as notify our membership via e-mail.

Sincerely,
-Petros Papathomopoulos
Twin Tiers Chapter President

Chapter President



Petros Papathomopoulos
(607) 723-9421

[Email Me!](#)

2017-2018 Chapter Officers

President-Elect

Michael McGinnis
(607) 727-3168

[Email Me!](#)



Vice President

Kyle Nedlik
(607) 321-6100

[Email Me!](#)



Treasurer

Devin Shapley
(607) 723-9421

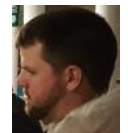
[Email Me!](#)



Secretary

Adam Keller
(315) 487-8791

[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
MIN/ PAR	600/1200	450/1050	250/500	500/650	100/300	500/800	800/1050	300/500
Current	790	1075	319	700	685	760	570	225

POINTS CURRENT AS OF 3/14/2018

Chapter Committee Chairs

Technology Transfer Michael McGinnis (607)727-3168 Email Me!	Government Activities Adam Keller (315) 487-8791 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 Andrew Nice 607-760-5960 Email Me!	Meeting Reception Devin Shapley (607)723-4979 Email Me!	H.O. Ward Scholarship Richard Sanguinito (607) 231-6605 Email Me!
Research Promotion Glenn Roberts (315)234-1527 Email Me!	Student Activities Victoria Kramer (607) 321-6127 Email Me!	Membership Directory Chris Wolak (484) 350-1954 Email Me!	Albern Education Fund Jason Gilbert (607) 777-2240 Email Me!
Honors & Awards Petros Papat homopoulos (607) 723-9421 Email Me!	Historian Richard Sanguinito (607) 231-6605 Email Me!	Symposium– Fall/Spring Kyle Nedlik (607) 321-6100 Email Me!	Auditing Rick Sanguinito & Andrew Nice (607) 231-6605 / 607-760-5960 Email Me!
Webmaster Mike Colwell (570) 706-0690 Email Me!	Newsletter Editor Andrew Nice 607-760-5960 Email Me!	YEA: Young Engineers Devin Shapley (607)723-4979 Email Me!	Publicity Andrew Nice 607-760-5960 Email Me!



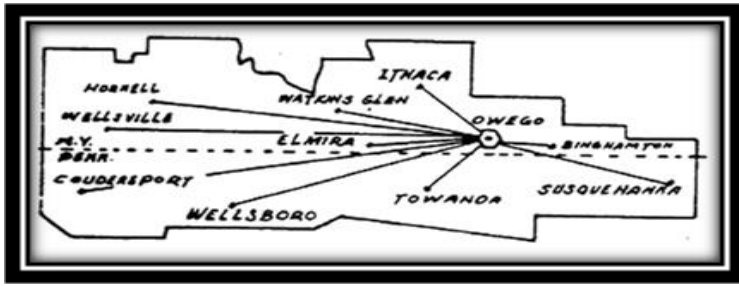
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Twin Tiers Chapter– Monthly Meeting Information

2017-2018 Meeting Dates:

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
19-Sep	Adam Keller, Pro Air Plus Jerry Meyer Jr., MIS of America	Cooling Tower Basics Cooling Tower Shut-down and NSF Legionella Guideline	27
17-Oct	Multiple/TBD	Fall Engineering Symposium—Daytime	67
21-Nov	Michael Collins, Eagle Bay Refrigeration	TOUR Cornell University Lynah Ice Rink Refrigerant Update	12
19-Dec	William P. Bahnfleth, Ph.D., P.E., ASHRAE Distinguished Lecturer	Integrating Indoor Air Quality and Energy Efficiency in Buildings	31
16-Jan	Lanny Joyce, Mark Howe, Lou Damiani, Pete Meenan, Cornell University	TOUR Upson Hall Cornell University High performance building design - Sibley School of Mechanical and Aerospace Engineering building	?
20-Feb	Jason Gilbert	TOUR Binghamton University Heating Plant	?
20-Mar	Ernie Nitsche	TOUR Corning Inc. Sullivan Park Process HVAC Systems, Energy Management at Corning Inc. ****NOTE**** A SIGNED NDA WILL BE REQUIRED FOR THIS TOUR	
17-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	
15-May	Doug Clay, Sack Engineering	TOUR Tompkins Trust Building New Tompkins Trust HQ Project – Water Source VRF, DOAS, Cooling Tower, Boilers	
19-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.

REMEMBERING DENNIS FANCHER

Dennis Fancher

April 20, 1944 - February 25, 2018

Dennis Fancher, 73, of Ocean Isle Beach was called to his eternal home on February 25, 2018 at New Hanover Regional Medical Center in Wilmington surrounded by family and friends.

Dennis is survived by his grade school sweetheart and wife of 54 years, Carol Fancher; 3 daughters, Shelly (Michael) Kress, Kristen (Blane) Moon, Kimberly (John) Lord; 5 grandchildren, Karin Lord, Taylor Lord, Lindsay Moon, Zachary Lord, Aniston Moon; 3 grandchildren in love, Knox, Alexander and Nellie Harris; his mother Miriam Fancher; his brother Ronald (JoAnn) Fancher, and his sister Renee (Richard) Fletcher. He is predeceased by his father, Arthur Fancher.

Dennis attended Vestal High School and was a graduate of Augusta Military Academy in Virginia, class of 1963. He also attended Alfred Technical College for HVAC and refrigeration and was a member of the free and accepted masons. As a New York transplant Dennis has served his community in many capacities; a volunteer firefighter on the Ocean Isle Beach Fire Department, worked with the Sea Turtle Patrol, served as the community watch coordinator for his street, and was always willing to help anyone in need. Semi-retired, Dennis obtained his real estate license and worked closely with his friend and mentor on the Sarah Harris Team, as well having served as the Vice President of Tri-County Mechanical. While his birth name was Dennis, to his family, friends and community he was called Pop-Pop and was loved by all that knew him. He had a passion for history and recently shared his love by taking his grandchildren on a heritage trek to see their family roots in Pennsylvania and New York. When he wasn't working, Pop-Pop loved to spend to spend time fishing, clamming or hunting, always with family.



Born: April 20, 1944
Death: February 25, 2018

There will be a celebration of life on May 5th at Ocean Isle Beach.

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**Thank you
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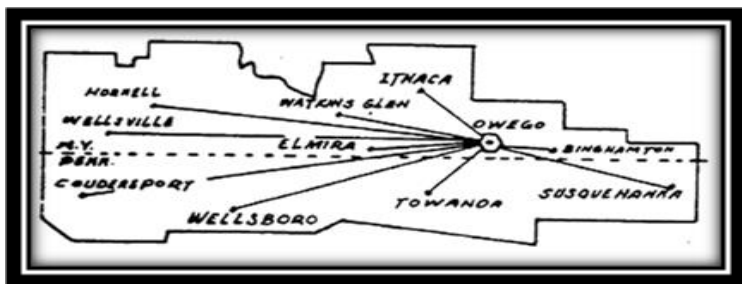
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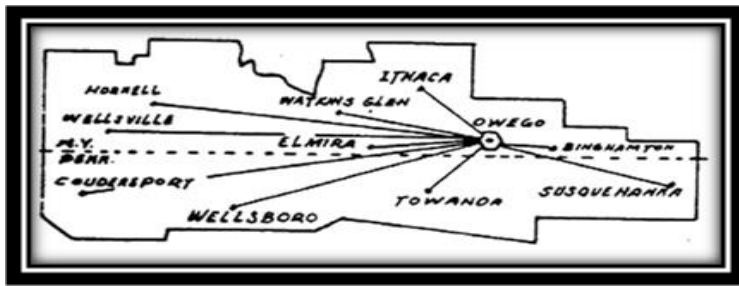
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March Meeting Announcement

March 20, 2018

March Chapter Meeting

- DATE:** Tuesday, March 20th, 2018
- TIME:** 5:00PM
- TOUR LOCATION:** 1 Science Center Drive, Painted Post, NY 14870
- TOUR GUIDE:** Ernie Nitsche
- MEETING LOCATION:** 1 Science Center Drive, Painted Post, NY 14870
- PRESENTATION:** Corning Incorporated Sullivan Park HVAC Infrastructure and Energy Program
- SPEAKERS:** Ernie Nitsche
- AGENDA:**
 5:00 – 5:15 – Arrive and safety Orientation
 5:15 – 6:45 – Tour of Sullivan Park
 7:00 – 8:30 – Brief Chapter Meeting, Dinner, and Presentation
- MENU:**
 Caesar Salad
 Pesto Ricotta Baked Campanelle
 House Made Veal Meatballs in Pomodoro
 Roasted Fingerling Potato
 Sautéed Green Beans
 Mini Cannoli's
- REGISTRATION:** Register online at <http://twintiers.ashraechapters.org/> (Under the "Programs" Tab)
 \$25.00 Early Registration (By 3/13/2018)
 \$30.00 (After 3/13/2018)
- CONTACT:** Mike McGinnis
 (Please call, text, or email me at below with any questions or if you get lost)
 E: [Email Me!](mailto:Mike.McGinnis@ashrae.org)
 C: 607-727-3168



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

Annual Spring Symposium and Professional Development Seminar

Tuesday, April 17, 2018, 8:30 A.M. – 4:30 P.M.

Holiday Inn Binghamton: 2 Hawley St, Binghamton, NY 13901

EARN UP TO 7.5 Professional DEVELOPMENT HOURS!

The ASHRAE Twin Tiers Chapter 2018 Spring Symposium provides a local opportunity to bring together practicing professionals, engineers, academics, contractors, owners and others to discuss with respected expert's issues and challenges that our industry faces. This year's symposium offers attendees opportunities to review some of the industry's latest technologies as well as techniques, methods, and systems that employ them.

SCHEDULE OF EVENTS

8:00-8:30 A.M. Registration, Holiday Inn
Includes: Coffee, Muffins, & Fresh Fruit

8:30-10:00 A.M.

Binghamton Room

"Centrifugal Pump Basics"

1.5 PDH

Steve Krisko, Frank P. Langley Co.

Endicott Room

"The Basics of Central Vacuum Systems Design & Industrial Vacuum Design"

1.5 PDH

Norman Nowosinski, P.E. - Nilfisk

10:00-10:10 A.M. Morning Break – Foyer

10:10-11:40 A.M.

Binghamton Room

"Accommodating Pipe Movement – Noise & Vibration Attenuation"

1.5 PDH

Chris Wolak, Victaulic

Endicott Room

"HVAC Renovation Measurement & Verification, and Continuous Commissioning"

1.5 PDH

Michael Kingsley, PhD, P.E., CPM, LEED AP - OBG

11:40-1:20 P.M. Lunch & Presentation Followed by the Monthly Chapter Meeting – Johnson City Room

Lecturer: Daniel Nall, ASHRAE DL - Syska Hennessy Group

Presentation: "Energy Policy: An Engineering Perspective"

1:20-2:50 P.M.

Binghamton Room

TBD

1.5 PDH

TBD

Endicott Room

"Healthy, Airside Solutions to Significantly Reduce Your Building's Carbon Footprint"

1.5 PDH

Gordon Sharp, ASHRAE DL – Aircuity, Inc.

2:50-3:00 P.M. Afternoon Break – Foyer

Includes: Soft Drinks & Snacks

3:00-4:30 P.M.

Binghamton Room

"Anchoring & Restraint of Rooftop Equipment in High Wind Areas"

1.5 PDH

James Tauby, P.E., ASHRAE DL – Mason Industries, Inc.

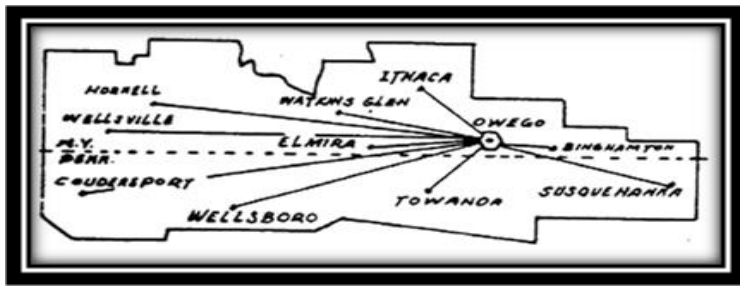
Endicott Room

"Strategies for Manual, Automatic, & Pressure Independent Balancing"

1.5 PDH

Leandro de la Torre, IMI Flow Design

Please Note: The ASHRAE Twin Tiers Chapter reserves the right to change the schedule, speakers and presentations without notice.



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

Annual Spring Symposium and Professional Development Seminar

Tuesday, April 17, 2018

ASHRAE Twin Tiers Chapter Annual Spring Symposium and Professional Development Seminar

A maximum of seven and a half (7.5) Professional Development Hours (PDH) towards the New York State Professional Engineering continuing education requirements will be available to attendees!

EARLY PRE-PAID REGISTRATION DEADLINE: FRIDAY, APRIL 6, 2018

Send Pre-Paid Registration by Mail or Pay on-line at <http://twintiers.ashraechapters.org>

Symposium Registration Includes Morning Refreshments, Buffet Lunch and Afternoon Refreshments

PLEASE REGISTER EARLY!! – SPACE MAY BE LIMITED!

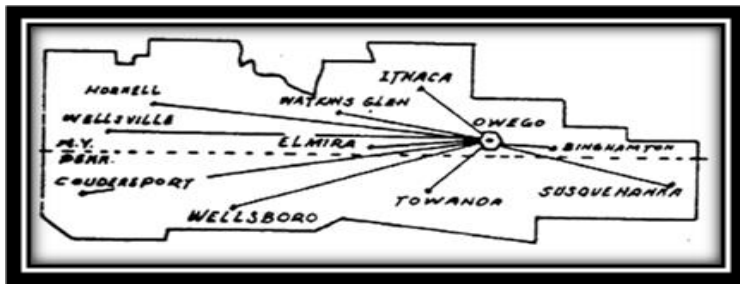
Presentations are free to all students, \$10 for student lunch.

Name		ASHRAE, ACEC, or NYSSPE Member	\$ 150 (\$125 by 4/6)	
Company/Affiliation		Non-ASHRAE Member	\$ 175 (\$150 by 4/6)	
Address		Student Attendance	\$ 0	
City/State/Zip		Student Attendance with Lunch	\$ 10	
Preferred Email				

Pay by credit card using PayPal (no account required) at our chapter website <http://twintiers.ashraechapters.org/> or mail payment and registration to the following address. Make checks payable to "ASHRAE Twin Tiers Chapter", 2018 Spring Symposium, PO Box 6706, Ithaca, New York 14851-6706.

Inquiries: Kyle Nedlik - kyle.nedlik@stantec.com

Hotel Reservations: Please call the Holiday Inn Binghamton at 607-722-1212 and identify yourself as part of the ASHRAE Twin Tiers 2018 Spring Symposium when making reservations.



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

Twin Tiers Chapter - February BOG Meeting Minutes



<http://twintiers.ashraechapters.org>

Board of Governors Meeting

Date: February 20, 2018

Location: Binghamton University

Agenda

Meeting was called to order at 4:18 pm

- Call to Order and Attendance: Petros P., Devin S., Kyle N., Chris W., Mike M., Jason G.
- General Announcements: 2 Scholarships applications received to-date
- Treasurer's Report (Devin Shapley):
 - All accounts are in good standing.
 - Leaving collection of chapter dues by society as-is this year.
 - President to request disbursement from Tompkins for DL (from Albern) and Scholarships (from HO ward)
- CTTC (Mike McGinnis / Kyle Nedlik)
 - Spring Symposium(Kyle):
 - Speaker solicitations
 - Table sponsorships
 - Marketing opportunities
 - Monthly Meetings (Mike): Corning Meeting in March
- YEA (Devin Shapley/Victoria Kramer): Update on YEA event for March?
- Membership Promotion (Chris Wolak):
- GGAC (Adam Keller):
- Student Activities (Jason Gilbert): More PAOE Points After Tonight's Meeting
- Research Promotion (Glenn Roberts):



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

Twin Tiers Chapter - February BOG Meeting Minutes



<http://twintiers.ashraechapters.org>

Board of Governors Meeting

Date: February 20, 2018

Location: Binghamton University

- PAOE (Petros Papathomopoulos): Reminder to chairs that they can update PAOE points.

CATEGORY	PAR	MIN	PTS
Chapter Operations*	1200	600	790
Chapter Technology Transfer*	1050	450	1075
Electronic Communications	500	250	319
Grassroots Government Advocacy*	650	500	700
Historical Criteria	300	100	685
Membership Promotion*	800	500	760 (885 in Jan)
RP*	1050	800	570
Student Activities*	500	300	225

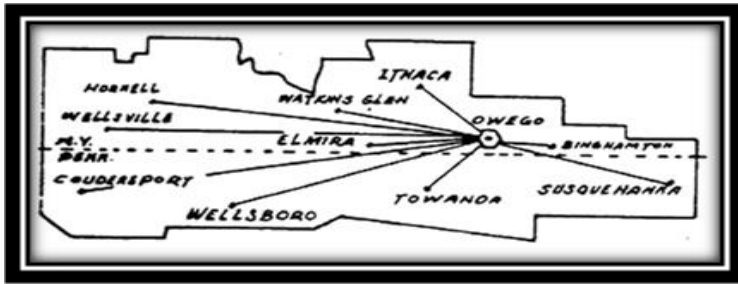
PAOE requires achieving minimum in 5 of the 6 categories marked with *.

- New Business
 - Website update
 - Reimburses Petros for Template
- Old Business
 - Canstruction.
 - Need Can Count & shopping List by March 16th

Meeting was adjourned at: 4:54 pm

Motioned: Petros

Second: Mike M.



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



presented by



What is Canstruction®

The Broome Leadership Institute (BLI) Alumni Association Board will host the fourth annual **Canstruction of the Southern Tier** event in Broome County from April 8 – 15th, 2018 at the Oakdale Mall in Johnson City.

Canstruction® is an international hunger-relief competition where teams, often architects, engineers and contractors, compete to design and build giant structures made entirely out of full cans of food.

At the close of the competition, all of the food from Canstruction of the Southern Tier will be donated to CHOW and distributed to hunger-relief agencies in Broome County to help feed neighbors in need.

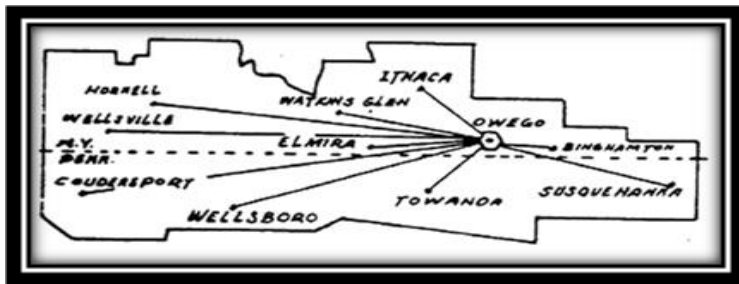
How Will Canstruction of the Southern Tier Benefit Broome County?

All of the proceeds from Canstruction of the Southern Tier will help support hunger-relief activities in Broome County. The donated food will be distributed through CHOW to hunger-relief agencies in Broome County including food pantries, soup kitchens, and community meal programs. The funds raised will be earmarked for hunger-relief activities in Broome County.

Working in Partnership to Meet the Need

CHOW and the Food Bank of the Southern Tier work in partnership to leverage national, regional, and local resources to end hunger in Broome County. As a member of Feeding America, the nation's food bank network, the Food Bank has the ability to acquire food from across the U.S. CHOW operates as its own entity, receiving food from the Food Bank and relying on food and monetary donations from local residents, organizations and companies.





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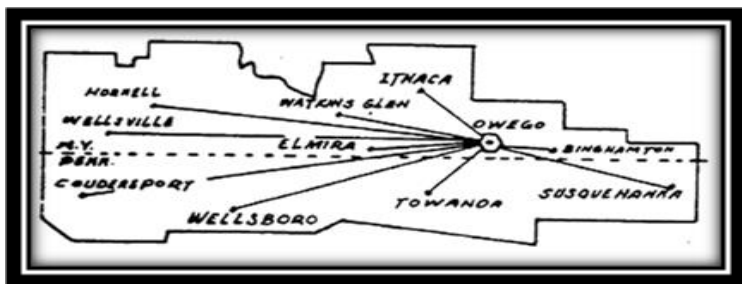
Sponsorship Opportunities

Sponsorship Benefits & Recognition	Gold Sponsor \$2,500	Silver Sponsor \$1,000	Supporting Sponsor \$500
Sponsor Logo on Event Signage Displayed in 3 locations at Oakdale Mall, Johnson City (\$450 value)	X		
Sponsor Name Listed on Event Signage Displayed in 3 locations at Oakdale Mall, Johnson City (\$450 value)		X	X
Sponsor Logo and Link on Food Bank and CHOW websites (over 60,000 visitors)	X		
Sponsor Name Listed on Food Bank and CHOW websites (over 60,000 visitors)		X	X
Sponsor Name Posted on Food Bank and CHOW Facebook Pages & Twitter (over 5,300 followers)	X	X	
Sponsor Name included in Press Release Communications to Media	X	X	
Opportunity to Distribute or Display Sponsor Information at Awards Reception, Hosted at the Oakdale Mall for Event Participants, Sponsors, and Media	X	X	
Opportunity to Participate in Canstruction next year with a team (entry fee waived, \$100 value)	X	X	
Invitation to Attend Awards Reception & Recognition	X	X	X

Sponsorship Agreement and Payment due March 16th

Additional Sponsorship Benefits Include

- Establish Your Business as a Community Leader in the Fight Against Hunger.
- Inspire Other Businesses to Join You.
- Make a Difference in the Communities You Serve: 100% of Canstruction Donations will go towards hunger relief efforts in Broome County!
- Organization listed in Chamber Newsletter ad following the event.



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



Sponsorship Opportunities

Please check which level of Sponsorship you wish to contribute:

- ☐ Gold Sponsor: \$2,500
- ☐ Silver Sponsor: \$1,000
- ☐ Supporting Sponsor: \$500
- ☐ Other Donation \$ _____

**All donations are tax deductible. A donation acknowledgement will be sent to you.*

Sponsor: _____

Address: _____

City, State, Zip: _____

Contact: _____

Phone: _____ Email: _____

Signature: _____ Date: _____

Please Make Checks Payable To: Food Bank of the Southern Tier

Mail To: Food Bank of the Southern Tier
attn: Katherine Strawser
388 Upper Oakwood Avenue
Elmira, NY 14903

For More Information: visit www.foodbankst.org/canstruction or contact Canstruction Chair

Kyle Nedlik via email BLI.canstruction@gmail.com **Sponsorship**

Agreement and Payment due: March 16th

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**Thank you
Sponsors!**

2018 Business Cards



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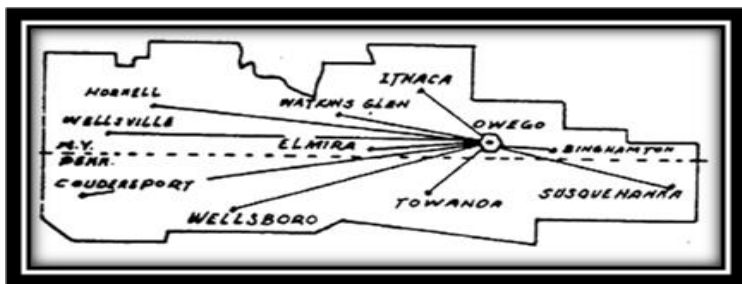
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Demand a Higher StandardSM

Scott Lance, EBCP, LEED AP O+M
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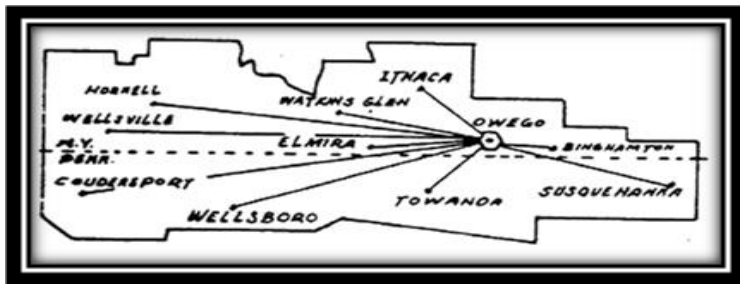
What Were They Thinking???



Aftermarket Energy Efficiency Booster

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



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TRAINING



Get in-depth training for real-world HVAC&R challenges from ASHRAE in conjunction with the 2018 Canadian Mechanical & Plumbing Exposition (CMPX) in Toronto. ASHRAE will present two courses on ASHRAE Standard 90.1 including the new Save 35% while Complying with ASHRAE Standard 90.1-2013 course to practicing professionals in the HVAC&R industry.

The courses are structured to help participants achieve defined learning objectives, and each attendee receives a course workbook and an ASHRAE certificate of attendance. Courses will be held at the Metro Toronto Convention Centre in Toronto.

Wednesday, March 21, 2018

NEW! [Save 35% while Complying with ASHRAE Standard 90.1-2013](#)

Time: 9:00am – 12:00pm

Cost: \$184 USD / \$234 CAD (\$139 USD / \$177 CAD ASHRAE Member)

Course Summary: The 2013 version of ASHRAE Standard 90.1 is widely used by many state and government entities. Learn the background and development of ASHRAE Standard 90.1, its requirements and compliance paths, and how to understand and apply the requirements. Key updates for each of the major building systems will be discussed. This includes the HVAC system, lighting system, building envelope, service water heating, and power. You will learn key mandatory and prescriptive requirements applicable to each system, as well as whole-building compliance options. Case studies and in-class exercises are included as appendices to the classroom presentation. [Read More](#)

Instructors: [McHenry Wallace, P.E., Member ASHRAE, LEED® AP](#)
[Joseph Deringer, AIA, Member ASHRAE, LEED® AP](#)

Thursday, March 22, 2018

[Save Over 40% Using Appendix G of ASHRAE Standard 90.1-2016](#)

Time: 9:00am – 12:00pm

Cost: \$184 USD / \$234 CAD (\$139 USD / \$177 CAD ASHRAE Member)

Course Summary: Learn how to use the innovative new performance rating method in Appendix G of ASHRAE Standard 90.1-2016. Learn to apply the new rules and procedures via whole-building energy simulations to demonstrate that a building has much better energy performance than a building that just meets the requirements of ASHRAE Standard 90.1-2016. See how Appendix G-2016 can be used to show compliance with ASHRAE Standard 90.1-2016; this is the first time Appendix G has been usable in this manner. [Read More](#)

Instructors: [McHenry Wallace, P.E., Member ASHRAE, LEED® AP](#)
[Joseph Deringer, AIA, Member ASHRAE, LEED® AP](#)



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

Twin Tiers Chapter– Employment Opportunities



TETRA TECH

MECHANICAL ENGINEER

Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. Our reputation rests on the technical expertise and dedication of our employees—16,000 people working together across disciplines and time zones to provide smart, sustainable solutions for challenging projects. We are proud to be home to leading technical experts in water, environment, infrastructure, resource management, energy, and international development. Tetra Tech combines the resources of a global, multibillion dollar company with local, client-focused delivery in 400 locations around the world. We offer competitive compensation and benefits and are searching for innovative people to join our teams.

Tetra Tech A&E provides planning, design and construction phase services for a wide range of building types and clients, from K-12 and higher education facilities in New York to facilities supporting governments worldwide.

We currently seek a Mechanical Engineer to work out of our Ithaca NY or Albany NY office.

Responsibilities include:

- Mechanical Engineering on a wide range of building projects: complexity and responsibility level to vary with experience and ability;
- Perform site visits for existing mechanical systems evaluation and to inspect contract work in progress or completed, prepare associated engineering reports;
- Design building mechanical systems (primarily HVAC) including appropriate system concepts, calculations, energy modeling, layout, sizing, selections, specifications and coordination;
- Review and respond to team members on project design work, RFIs, submittals, and other construction related documents and issues in a professional and timely manner;
- Monitor and controls project progress against scope, schedule, and budget;
- Attend client meetings and assist in marketing efforts.

Requirements:

- Bachelor's degree in Mechanical Engineering, Mechanical Engineering Technology, or similar field;
- Experience with design of mechanical systems for educational facilities is desired;
- Licensed Professional Engineer (PE) or preparing to obtain professional licensure preferred;
- Proficient in AutoCAD and Revit/BIM with working knowledge of MS Office;
- Proficiency with building energy modeling concepts and software preferred;
- Knowledge of applicable codes and standards;
- Possesses and applies a broad knowledge of principles, practices and procedures to the completion of difficult assignments;
- Knowledge of and demonstrated interest in energy efficient solutions and designs;
- Possesses strong communication and interpersonal skills.

If you are interested in this exciting opportunity apply on-line at: <http://www.tetrattech.com/en/careers>

Tetra Tech is committed to creating a diverse environment and is proud to be an Equal Opportunity Employer. We invite resumes from all interested parties including women, minorities, veterans and persons with disabilities. Tetra Tech is a VEVRAA federal contractor and we request priority referral of veterans for available positions.

EOE AA M/F/Vet/Disability



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

Twin Tiers Chapter– Employment Opportunities



Senior Mechanical Engineer

Engineers thrive on solving problems by putting their logic and creativity together. They are able to invent, explore, and question to enhance the areas around us. IBI Group engineers work in multiple disciplines and collaborate on larger initiatives.

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Responsibilities:

- Responsible for the technical and design development for assigned projects.
- Functions in the role of project leader and handles project management tasks and supervises the mechanical design and technical aspects.
- Produces design work according to established standards, methods, and procedures of the office.
- Coordinates and develops the layout, design, drafting, and specifications produced by architectural and engineering staff members who are part of the project team.
- Develops project cost estimates.
- Supervises technical staff and provides design guidance.
- Supervises the preparation and checks the accuracy of contract documents.
- Incorporates applicable codes, construction techniques, and sequences in various projects including all aspects of cross disciplines.
- Conducts site observations as required to perform the design.
- Conducts site observations of mechanical systems during construction operations. Performs other associated construction phase tasks.

Qualifications:

- Experience in designing HVAC systems for educational, commercial, institutional, and industrial facilities
- In addition to HVAC system design experience; experience with Plumbing design and Fire Protection design strongly desired.
- At least 5 years design experience
- Bachelor's degree in Mechanical Engineering
- EIT required; Registration as a Professional Engineer in New York State strongly desired
- Working knowledge of AutoCAD, BIM/Revit
- Effective communication (verbal and written) in English
- Strong team player
- Highly proactive and detail oriented
- LEED certification is a strong asset

We are a global team of dedicated and experienced architects, engineers, planners, designers and technology professionals who share a common desire – to help our clients create livable, sustainable, and advanced urban environments.

From high-rises to industrial buildings, schools to state-of-the-art hospitals, transit stations to highways, airports to toll systems, bike lanes to parks, we design every aspect of a truly integrated city for people to live, work, and play.

Our collaborative and combined approach focuses not only on creating the best solutions today, but also determining the right solutions for tomorrow.

We believe cities in the future must be designed with intelligent systems, sustainable buildings, efficient infrastructure, and a human touch.

At IBI, we're defining the cities of tomorrow.

Applicants for U.S. based positions with IBI Group must be legally authorized to work in the United States. Verification of employment eligibility will be required at the time of hire. Visa sponsorship is not available for this position.

IBI Group is an Equal Employment Opportunity/Affirmative Action Employer and maintains a Drug-Free Workplace.

EOE-M/F/Vet/Disability

Contact: Linda Gauld linda.gauld@ibigroup.com (+1 519 472 7328 ext 261)



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

Twin Tiers Chapter– Employment Opportunities



Design Your Career

Senior Mechanical Engineer – Buildings

Your Opportunity:

Our Buildings Engineering group specializes in the design and development processes unique to buildings. Working closely with our clients, our dedicated professionals help to establish and understand the needs of a range of building projects. This is where great ideas and rewarding careers are built. For both public and private sector clients, we provide unique plan checking capabilities as well as energy engineering and performance engineering services, covering each of the major engineering disciplines- structural, mechanical, and electrical. In addition, we bring together innovative and functional design solutions for companies involved in the discovery, research and development, and commercial scale manufacturing of pharmaceuticals, biotechnology, and medical device products. Focused on providing cost-effective solutions to engineering challenges, we are involved in a diverse range of projects from the initial planning stages to design, construction, and commissioning. Our structure cultivates career growth and provides opportunities as unique as you are.

Your Duties:

- Duties will include but are not limited to preparation of project proposals and resulting contracts, project implementation plans, resource planning, quality control and design review, project team review and coordination, client, and financial management.
- May assist as mechanical engineering lead overseeing the engineering & design of plumbing / fire protection / HVAC and other mechanical systems for new and renovated buildings.
- Mechanical engineering - actual designs including the completion of code reviews, preparation of the basis of design, system calculations, mark-up of drawings, specification preparation, field investigations, construction estimating and site inspections and other such design as required to execute the mechanical construction for new or renovated buildings.
- May perform project manager duties as needed.
- Some travel to site locations or other Stantec offices may be required.

Your Capabilities and Credentials:

The successful candidate will possess:

- Requires a B.Sc. Mechanical Engineer
- NYS PE desired, registration in other states a plus
- 7+ years' experience required
- Must have strong Mechanical Engineering skills in Plumbing, Fire Protection, HVAC, and related mechanical systems
- Prior management experience is a plus
- Prior consulting engineering experience is required
- Experience using Autocad, Revit, Trane Trace or Equest is a plus
- Excellent verbal and written communication skills
- Excellent interpersonal skills with team members and clients

We put people first, and it shows. We're proud to be one of New York's Best Places to Work, as named by The Business Council of New York and NYS-SHRM.

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- (Endicott) <https://jobs-stantec.icims.com/jobs/25927/senior-mechanical-engineer---buildings/job>



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

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, 2018.
- New subscription will run the calendar year 2018.
 - Cost to advertise for the 2018 year is \$50.
- Sign up now for the 2018 year On Pay Pal <http://twintiers.ashraechapters.org>

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.

From Web site please visit: <http://twintiers.ashraechapters.org>

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

Business Card Advertising 2018

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 2018. 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 2018 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

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"***

Twin Tiers Chapter Mailing Address:

Twin Tiers ASHRAE Chapter
P.O. Box 6706
Ithaca, NY 14851-6706