June Golf Tournament & Clambake

June 21, 2016

**Golf Tournament:**
10:00 AM @ Vestal Hills Country Club
3115 Webb Rd, Binghamton, NY 13903

**Clambake:**
4:00 PM @ Mountain Top Grove
534 Hance Rd, Binghamton, NY 13903

To register, visit the Chapter website: [http://twintiers.ashraechapters.org](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
Dear Twin Tiers Chapter Members,

There is only one aspiration for a Twin Tiers President. The level of balancing work and family with this aspiration is manageable, but not without the officers that share in the responsibility. It’s one of the first things you learn from the beginning of your engineering career. Fresh out of college, you’re drive is to move on up, learn, and eventually take on responsibility like your mentors have. One encouraging boss. Some muster to go to every chapter meeting. Good people to share the responsibility and of course a drink. Here I am, almost a past president of a very special ASHRAE chapter. Though the chapter’s aspiration is to retain its Premier Status, my personal aspiration was to maintain focus on the current events with new state mandates that were and still are affecting the residents of New York State. This was a discovery along the road that I shared. If it weren’t for the mandates I would have used my messages for other purposes, but the relative was the “noisy neighbor” in this instance. I also took some parting wisdom from a past president. Taking time to be an attentive listener takes time from work getting put down on paper, but is necessary to be a good engineer/salesperson/manufacturer/welder/pipe fitter. I’m talking about listening without the intent to reply. With that, thank you for sharing your ideas, knowledge, and time.

I only wish to share a conundrum with you as I leave: how does an engineer retain any sense of discovery, like that of 1st graders? The answer is “You don’t have to see the whole staircase, just the first step.”-Martin Luther King, Jr. For those still new to the profession, hold onto discovery for as long as you can.

Thanks for a great year. I look forward to seeing you in September. Have a great summer everyone.

Doug Breese
Twin Tiers Chapter President
## Presidential Award of Excellence (PAOE)

<table>
<thead>
<tr>
<th>Category</th>
<th>MIN/Par</th>
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<tr>
<td>Membership Promotion</td>
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<tr>
<td>Student Activities</td>
<td>300/500</td>
<td>686</td>
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<tr>
<td>Research Promotion</td>
<td>800/1050</td>
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<tr>
<td>Historical</td>
<td>100/300</td>
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<td>Chapter Operations</td>
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<tr>
<td>Chapter Technology Transfer</td>
<td>450/1050</td>
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<td>Grassroots Government Activities</td>
<td>500/650</td>
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POINTS CURRENT AS OF 6/14/2016

## Chapter Committee Chairs

<table>
<thead>
<tr>
<th>Committee</th>
<th>Chair</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology Transfer</td>
<td>Travis Fisher</td>
<td>(607) 255-5608</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Government Activities</td>
<td>Petros Papathamopoulos</td>
<td>(607) 723-9421</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Refrigeration</td>
<td>Rob VanSkiver</td>
<td>(585) 591-8168</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Membership Directory</td>
<td>Chris Wolak</td>
<td>(484) 350-1954</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Nominating</td>
<td>Andrew Nice</td>
<td>(607) 760-5960</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Meeting Reception</td>
<td>Jacob Schatz</td>
<td>(315) 234-1543</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>H.O. Ward Scholarship</td>
<td>Michael McGinnis</td>
<td>(607) 727-3168</td>
</tr>
<tr>
<td></td>
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<tr>
<td>Research Promotion</td>
<td>Andrew Nice</td>
<td>(607) 760-5960</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td>Student Activities</td>
<td>Jason Gilbert</td>
<td>(607) 777-2240</td>
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<td></td>
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<tr>
<td>Membership Promotion</td>
<td>Chris Wolak</td>
<td>(484) 350-1954</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Nominating</td>
<td>Andrew Nice</td>
<td>(607) 760-5960</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Symposium– Fall/Spring</td>
<td>Petros Papathamopoulos</td>
<td>(607) 723-9421</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Auditing</td>
<td>Rick Sanguinito</td>
<td>(607) 231-6605</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Albern Education Fund</td>
<td>Richard Sanguinito</td>
<td>(607) 231-6605</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Webmaster</td>
<td>Mike Colwell</td>
<td>(607) 724-8282</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Newsletter Editor</td>
<td>Andrew Nice</td>
<td>(607) 760-5960</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>YEA: Young Engineers</td>
<td>Travis R. Fisher/Devin Shapley</td>
<td>(607) 255-5608</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email Me!</td>
</tr>
<tr>
<td>Publicity</td>
<td>Andrew Nice</td>
<td>(607) 760-5960</td>
</tr>
<tr>
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<td>Email Me!</td>
</tr>
</tbody>
</table>
## Twin Tiers Chapter – Monthly Meeting Information

### 2015-2016 Meeting Dates:

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Tech Session Topic, Tour or Meeting Info</th>
<th>Attendance</th>
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<tbody>
<tr>
<td>15-Sep</td>
<td>Jason Gilbert / Rick Sanguinito</td>
<td>Dickinson Hall VRF HVAC, Plumbing, FP, and Structural Installation Tour &amp; Presentation</td>
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<tr>
<td>20-Oct</td>
<td>Various / TBD</td>
<td>Fall Engineering Symposium - Daytime</td>
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<tr>
<td>20-Oct</td>
<td>TBD</td>
<td>Brewery Tour</td>
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<td>17-Nov</td>
<td>Art Studer (Postler &amp; Jaeckle)</td>
<td>Huron Campus Chiller Plant Tour Themes: Refrigeration Night &amp; History Night Region 1 Guest: Region 1 Director &amp; Regional Chair – Bill Walter</td>
<td>14</td>
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<tr>
<td>15-Dec</td>
<td>Casey Bernhard, PE, LEED AP (Labella Associates)</td>
<td>Ithaca College Peggy R. Williams Center Tour Re-commissioning Presentation Theme: Past Presidents/Albern Lecture and Donor Recognition</td>
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<tr>
<td>10-Feb</td>
<td>Byron Horak (Intertek)</td>
<td>Joint Meeting with Syracuse Chapter, Presentation and Tour of Intertek facility Theme: Research Promotion</td>
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<tr>
<td>15-Mar</td>
<td>Jason Gilbert, PE (Binghamton University) Doug Rose, PE (M/E Engineering)</td>
<td>Binghamton University Building Tour &amp; Presentation Theme: Student Night &amp; YEA Night</td>
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<tr>
<td>19-Apr</td>
<td>Multiple/TBD</td>
<td>Spring Engineering Symposium—Daytime</td>
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<tr>
<td>17-May</td>
<td>Doug Nadeau, P.E. (RAN Fire Protection Engineering)</td>
<td>Cornell University Building Tour &amp; Presentation</td>
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<tr>
<td>21-Jun</td>
<td>None</td>
<td>Golf Tournament</td>
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</tbody>
</table>

**NOTE:** Speakers and topics are subject to change based on availability.
2015-16 Region 1 Officer Contacts

Regional Director
Regional Chair
William Walter

Members Council REP
Treasurer
Joseph Furman

Membership Promotion
CRC General Chair
Steven Sill

Research Promotion
Andrew Manos

Student Activities
Ralph Draper

Regional Historian
Stanley Westhoff

Region YEA
Frank Rivera

Refrigeration
Mark Cambria

Nominating Committee
Member
Russell Stuber

Nominating Committee
Alternate
Darcy Carbone

Electronic
Communication
Webmaster
Stacie Suh

Chapter Technology
Transfer
Christopher Phelen

Grassroots Government
Advocacy
Richard Vehlow

Regional Representative
Gary Myers
2016-17 Officer Instatements

President – Travis Fisher
President-Elect – Petros Papathomopoulos
Vice President – Michael McGinnis
Treasurer – Kyle Nedlik
Secretary – Devin Shapley

2016-17 Chair Position Instatements

Grassroots Government Activities Chair - Douglas Breese
Membership Promotion Chair – Chris Wolak
Student Activities Chair – Jason Gilbert
Webmaster – Michael Colwell
Historian – Richard Sanguinito
Newsletter Editor – Andrew Nice
Publicity – Andrew Nice
YEA – Devin Shapley (Co-Chair Victoria Kramer)
Golf & Clambake Chair – Michael McGinnis (Co-Chair Matt Hawley)
Audit Committee – Richard Sanguinito & Jason Gilbert
Refrigeration Chair – Rob VanSkiver
Research Promotion Chair - Glenn Roberts

2016-17 Board of Governors Instatements

Douglas Breese
Rob VanSkiver
Victoria Kramer
Adam Keller

Thank you to all the volunteers from this year
and thank you to all who are volunteering
next year!

If you or someone you know is interested in
volunteering their time please contact Doug
Breese at this email.
Thank you Sponsors!

2016 Business Cards

MEIER SUPPLY CO., INC.
Refrigeration, Air Conditioning & Heating
Andrew Nice
Commercial HVAC Sales Engineer
Applied Products Division
607.760.5960 Cell
ANice@MeierSupply.com
275 Broome Corporate Pkwy
Conklin, NY 13748
www.MeierSupply.com

Evans Hallas
Aerosil Operations Manager
ehallas@taitem.com
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110 South Albany Street
Ithaca, New York 14850
v 607.277.1118 x103
c 607.592.0001
www.taitem.com

LaBELLA
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jhe Witt@labellapc.com
www.labellapc.com

Ian Morrell, President
Your Responsible Partner
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Elmira, NY 14901
www.STCF.com
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Fax: (607) 734-0433
Cell: (607) 461-0701
email: morrell@STCF.com

Taitem
Louis W. Vogel, PE
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President
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de lucia@taitem.com
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v 607.277.1118 x120
c 315.729.5545
www.taitem.com
Twin Tiers Annual Golf Tournament!

Annual Golf Tournament and Clambake
The date for the annual golf tournament and clambake is **Tuesday, June 21**. For the second year in a row, the two events are being held at different locations. The golf portion of the day will be held at **Vestal Hills Country Club**. The day will begin with a 10:00 am shotgun start. As in past years, the round will include lunch at the turn and keg beer all day. We will have prizes for the winning foursome, closest to pin and drive closest to the line. With its great success the past few years, the putting contest will also be returning.

The clambake will be held at nearby **Mountain Top Grove**, running from 4 pm to 8 pm. The menu will include clam chowder, raw and steamed hard shell clams, steak sandwiches, BBQ sandwiches, sausage, potatoes, corn, fresh salad, soft drinks, wine, and beer. There will be door prizes. Our hope is to see lots of non-golfers join all the golfers from earlier in the day.

Formal flyers and pricing are to follow. As always, the golf committee is looking for donations for door prizes and giveaways. Please contact Mike McGinnis, Matt Hawley, or Jason Gilbert with any questions. Thank you.

**Note:** Denim shorts, skirts, jackets, and jeans are prohibited throughout the club’s facilities. Parties found in violation of dress code will be asked to change into acceptable clothing or purchase such from Pro Shop. If you are a team captain, please pass this along to your team members.
Twin Tiers Annual Golf Tournament!
2016 Golf Tournament & Clambake - Tuesday, June 21, 2016

Golf shotgun start at 10:00 AM & Clambake 4:00-8:00 PM

Golf Tournament:
Vestal Hills Country Club
3115 Webb Rd, Binghamton, NY 13903 • (607) 723-7579

- Captain & Crew format. Includes greens fees, two carts, lunch at the turn, soft drinks, keg beer & prizes for winners. (Foursomes only)
- For those of you looking for a twist on the typical 50/50 raffle, we will also be holding a putting contest to raise money for the chapter.
- Denim shorts, skirts, jackets, and jeans are prohibited throughout the club’s facilities. Parties found in violation of dress code will be asked to change into acceptable clothing or purchase such from Pro Shop.

Individual Tee & Hole Sponsorship

We are asking for your support at our annual golf outing for hole or tee sponsorship. Note that you have the option of doing colored logos this year.

- The cost is $130.00 per hole or tee ($115 if your payment is received by the early-bird deadline of 5/27).
- A free clambake ticket is provided for you as a sign of our gratitude.

If you have donated in the past, we would like to take this opportunity to Thank You for your continued support. If this is your first sponsorship, we certainly appreciate your help.

Sponsor: __________________________

For payment or more information, contact:

Mike McGinnis
mmcginnis@bentler.com
41 Davis St, Binghamton NY 13905

Matt Hawley
Mhawley@autocmpvacs.com

Note: All forms and payment must be received by June 10, 2016
Payment & Registration may be completed online @
http://twintiers.ashrae chapters.org or you may send the registration form and a check to confirm your reservation.
Checks should be made payable to Twin Tiers ASHRAE.
Twin Tiers Annual Golf Tournament!

Clambake:
Mountain Top Grove
534 Hance Rd, Binghamton, NY 13903 • (607) 669-9191

- Menu: The menu will include clam chowder, ribeye steak sandwiches, pork and beef BBQ sandwiches, sausage with onions and peppers, potatoes, corn, fresh salad, soft drinks, wine, beer, and Plenty of Raw and Steamed Hard Shell Clams
- Great Door Prizes and 50/50 raffle to benefit Research Promotion

Captain’s Name & Company: ____________________________________________

For tickets or more information, contact:
Mike McGinnis
mmcginnis@rlkistler.com
41 Davis St, Binghamton NY 13905

Matt Hawley
Mhawley@airtemphvac.com

<table>
<thead>
<tr>
<th>Package</th>
<th>Early Bird Price (on or before 5/27)</th>
<th>Regular Price (After 5/27)</th>
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</thead>
<tbody>
<tr>
<td>Golf only (4 person team)</td>
<td>$250</td>
<td>$275</td>
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<tr>
<td>Golf, 4 Clambake tickets, Putting Contest for 4</td>
<td>$475</td>
<td>$525</td>
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<tr>
<td>Golf, 4 Clambake tickets, Hole Sponsor, Putting Contest for 4</td>
<td>$550</td>
<td>$625</td>
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<tr>
<td>Hole Sponsor (includes 1 clambake ticket)</td>
<td>$115</td>
<td>$130</td>
</tr>
<tr>
<td>Clambake Tickets</td>
<td>$50</td>
<td>$60</td>
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Note: All forms and payment must be received by June 10, 2015
Payment & Registration may be completed online @ http://twintiers.ashraechapters.org or you may send the registration form and a check to confirm your reservation.
Checks should be made payable to Twin Tiers ASHRAE.
Twin Tiers Chapter – May BOG Meeting Minutes

MEETING MINUTES
The meeting was called to order at: 4:00 pm

1. Call to Order and Attendance:
   a) Attendance: Chris, Rob, Doug, Travis, Rick, Jason, Mike, Steve Sill

2. General Announcements – Doug Breese
   a) Approval of March’s Meeting minutes: Motion by: Travis
      Second by: Rob

3. Treasurer’s Report – Jacob Schatz
   a) Treasurer’s Report – accounts in good standing. See attached Report

4. PAOE Responsibility – Doug (No. 1 in the Regional rankings in History and No. 3 for Grassroots, RP, & SA)

<table>
<thead>
<tr>
<th>Chairs</th>
<th>Chair Contact</th>
<th>Current</th>
<th>Min</th>
<th>PAR</th>
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<tbody>
<tr>
<td>Membership Promotion</td>
<td>Chris Wolak</td>
<td>550</td>
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<td>Jason Gilbert</td>
<td>685</td>
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<td>RP</td>
<td>Andy Nice</td>
<td>1030</td>
<td>800</td>
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<tr>
<td>Historical Criteria</td>
<td>Rick Sanguinto</td>
<td>500</td>
<td>100</td>
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<td>Chapter Operations</td>
<td>Doug Breese</td>
<td>825</td>
<td>400</td>
<td>1000</td>
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<tr>
<td>Grassroots Government Activities</td>
<td>Petros Papathomopoulos</td>
<td>525</td>
<td>500</td>
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</tr>
<tr>
<td>Chapter Technology Transfer</td>
<td>Travis Fisher</td>
<td>1175</td>
<td>450</td>
<td>1050</td>
</tr>
</tbody>
</table>

Travis – keep a running chapter speaker database and update the CTTC-RVC regularly during the year.

Chair Updates:

a) Chapter Operations: CIQ due June 1.

b) Chapter Technology Transfer: Travis to update per below
   □ Speaker database update to RVC monthly – have not seen this yet. All 12 months to be done before any RVC points are awarded at the end of this year. CC Doug
   □ Looks like you’re behind on updating PAOE points...PDH at Chot Mtns. Indoor Air Quality (tonight’s presentation?), low GWP refrigerants, etc. need these updated by mid-June, shoot for June 1st

c) Grassroots Government Activities: Nothing new

d) Historical Criteria: Nothing new

e) Refrigeration: Nothing new

f) Membership Promotion:
   □ MBO Goal #1: Retain and increase membership by 2%, current membership is at 112.
   □ MBO Goal #2: Reduce delinquency to 5% or less. Currently 19% are past 5 weeks overdue on renewing their annual chapter memberships. Currently 2 delinquents.
Twin Tiers Chapter – May BOG Meeting Minutes

5. Committees:
   b) Student Committee (J. Gilbert):
      □ Alfred (Jason to contact Dr. Joe C) and Cornell (Travis to take lead) contacts were notified of end of Student Branch and if they’d like to renew they need to fill out forms from ASHRAE.
      □ Jason to establish BU Student Branch: Moved to 2016-2017 agenda
         1. (3) Students are required to maintain a student branch and (10) are required to start a branch.
   c) Young Engineers (T. Fisher and D. Shapely):
      □ May/June? Water St Brewery? Jeopardy? Darts? Not doing it at all?
      □ Driving range in June?
   d) Newsletter (A. Nice): Nothing new
   e) Publicity (A. Nice): NEW LinkedIn Group https://www.linkedin.com/groups/8482932
   f) Webmaster (M. Colwell): Nothing new
   g) Symposium (P. Papathomopoulos): Thanks for another good turn-out at the all day event.
   h) Golf & Clambake (Mike McGinnis): June 21st, Vestal Hill’s and Mountain Top
   i) Honors and Awards (D. Breese): Chapter Service awards, due May 1, none this year due to new Award requirements.

6. Old Business
   a) ASHRAE TT to receive a $50 per person credit for each person that attended the CRC from the region. ?????Have we seen this come in yet??????

7. New Business
   a) Scholarships have been disbursed via check. The two recipients recognized at the meeting.
      □ Next year, applications to be sent to BCC, TCCC, and GST BOCES
   b) CRC Registration – CRC is August 18-21 in Rochester

Meeting adjourned at 4:45 PM Motion by: Travis Second by: Doug
Thank you Sponsors!

2016 Business Cards

Chris Devins
Account Manager

15 Technology Place
Syracuse, NY 13057
Office (315) 234-1501  Cell (315) 313-3848
Fax  (315) 433-9120
chris.devins@trane.com
www.trane.com

Ryan Byrd
Sales Engineer

Trane Commercial Systems
15 Technology Place
East Syracuse, NY 13057
Office (315) 234-1503
Fax  (315) 433-9120
rjbyrd@trane.com
www.trane.com

Shey Doane
Sales Engineer

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15 Technology Place
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Office (315) 234-1509  Mobile (315) 382-2350
Fax  (315) 433-9120
sdoane@trane.com
www.trane.com

Glenn Roberts
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Trane
15 Technology Place
East Syracuse, NY 13057 US
Office (315) 234-1527  Cell (315) 374-3050
Fax  (315) 433-9120
groberts@trane.com
www.trane.com

Camfil USA, Inc.

Joe O'Hara
Territory Sales Manager

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

Daniel Brosnan

8560 Bell Isle Rd  •  Syracuse, NY 13209  Phone:315-484-9048  Fax: 315-484-9528
7401 Willowbrook Rd  •  Victor, NY 14564  Phone: 585-398-8018  Fax: 585-924-8362
Cell: 315-952-5056  Email: dbrosnan@mcsms.com  Web: www.mcsms.com
Welcome to Rochester, NY

We are honored to be hosting the 2016 Region I Chapter Regional Conference. The city of Rochester has a lot to offer and we are excited to show it off.

Our CRC planning committee is hard at work pulling all the details together; we have a good venue in place that should be fun for all. Our goal is to have a top notch event and great food at an affordable price.

The main event will take place at the Hyatt Regency downtown which is in close proximity to all of the CRC events and many other activities the city has to offer. The hotel has wonderful views of the Genesee River or the city skyline.

Companion activities will be fun for both guests and kids alike. The companion tour will consist of a half day tour of the historic George Eastman Museum & Artisan Works with lunch at the Gate House. The family tour will be at the world renowned Strong Museum of Play. You will receive an all-day pass with lunch provided. You will have to pry the kids away when it’s time to leave! Your inner child could spend hours in the museum’s classic video game exhibit.

Please make sure you tell all of the members in your chapter and we look forward to seeing you all in Rochester on August 18th.

Jim Scovett, CRC Chairman

<table>
<thead>
<tr>
<th>Conference Registration Fees</th>
<th>By July 15, 2016</th>
<th>After July 15, 2016</th>
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<tbody>
<tr>
<td>Full Conference</td>
<td>$370</td>
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<tr>
<td>Companion Full Conference</td>
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<tr>
<td>Kids Full Conference</td>
<td>FREE</td>
<td>FREE</td>
</tr>
<tr>
<td>Family Tour (strong Museum of Play &amp; Lunch)</td>
<td>$15</td>
<td>$15</td>
</tr>
<tr>
<td>Companion Tour</td>
<td>$35</td>
<td>$35</td>
</tr>
<tr>
<td>(George Eastman Museum, Artisan Works &amp; Lunch)</td>
<td>FREE</td>
<td>FREE</td>
</tr>
<tr>
<td>YEA Event (Genesee Brew House)</td>
<td>FREE</td>
<td>FREE</td>
</tr>
<tr>
<td>Friday/Saturday Conference</td>
<td>$220</td>
<td>$270</td>
</tr>
<tr>
<td>Friday/Saturday Companion</td>
<td>$130</td>
<td>$160</td>
</tr>
<tr>
<td>Saturday Only</td>
<td>$120</td>
<td>$150</td>
</tr>
<tr>
<td>Thursday Dinner Only (One East Ave Penthouse)</td>
<td>$65</td>
<td>$65</td>
</tr>
<tr>
<td>Friday Dinner Only (Hyatt Ballroom)</td>
<td>$85</td>
<td>$85</td>
</tr>
</tbody>
</table>

Conference Registration and Hotel Reservations can be made at: www.ashrae2016crc.com

Hyatt Regency Room Rate: $115 + taxes & fees

Note: Hotel reservation is separate from conference registration.
What Were They Thinking???

I don’t even know what to say about this....

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.***
Thank you Sponsors!

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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) 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!
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New York State Professional Engineers

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The above websites offer free online courses that are approved for credit!
Governor Andrew M. Cuomo today announced $10 million has been awarded for airport capital project improvements across New York State. This funding, from the Governor’s Aviation Capital Grant Program, will support safety, infrastructure, and economic development projects across the State.

“Our airports are the gateways to New York and serve as key drivers of job creation and economic growth for communities across the state,” Governor Cuomo said. “These improvements will help make our airports safer and more accessible to millions of travelers and ensure they remain viable transportation hubs and economic engines for years to come.”

New York State awarded $10 million to 20 applicants through a competitive solicitation process. This investment will upgrade existing airport infrastructure, construct additional hangar space and help accommodate future passenger demands. Additionally, it will address airport needs beyond the resources available through the Federal Aviation Administration and local funds. An additional $8.7 million in private and local funding is being leveraged through this state initiative.

The list of grant recipients and awards follows:

**Capital District**
- Albany International, Albany County - $616,000 for a Terminal Ramp Deicing Drainage System Replacement
- Columbia County Airport, Columbia County - $463,503 for safety-related T-Hangar Improvements
- Schenectady County Airport, Schenectady County - $197,000 to Upgrade Control Tower Cab Equipment

**Central New York**
- Chase Field, Cortland County - $490,500 for Installation of a New Jet-A Fuel Facility/Upgrades to Existing Fuel Systems
Governor Cuomo Announces $10 Million for Improvements to Airport Infrastructure (Cont.)

**Finger Lakes**
- Canandaigua Airport, Ontario County - $720,000 for Construction of a Conventional Hangar
- Finger Lakes Regional Airport, Seneca County - $720,000 for Construction of a Conventional Hangar
- Genesee County Airport, Genesee County, $498,750 for Construction of a Capacity-Enhancing Storage T-Hangar
- Greater Rochester International Airport, Monroe County - $428,000 for the Rehabilitation of an Existing Hangar and Related Aircraft Parking Apron

**Long Island**
- Francis S. Gabreski Airport, Suffolk County - $70,000 for the purchase of Self-Propelled Airport Marking Vehicle

**Mid-Hudson**
- Dutchess County Airport, Dutchess County - $889,650 for Airport Terminal Building Renovations
- Orange County Airport, Orange County - $882,000 for a Corporate Storage Hangar
- Warwick Municipal Airport, Orange County - $23,400 for Taxiway Edge Repair and Resurfacing
- Sky Acres Airport, Dutchess County - $139,875 for Installation of a Self-Service Jet-A Fueling Station

**Mohawk Valley**
- Fulton County Airport, Fulton County - $13,500 for Facility Improvements, Including Energy Efficient Upgrades
- Griffiss International Airport, Oneida County - $525,000 to Expand Airport Nose Docking Space

**North Country**
- Adirondack Regional Airport, Franklin County - $258,300 for Fuel Farm Upgrades, Including a 15,000 Gallon Jet-A Tank and Dispensing System
- Plattsburgh International Airport, Clinton County - $760,000 for Rehabilitation of Airport Nose Docking Space

**Southern Tier**
- Elmira Corning Regional Airport, Chemung County - $1 Million for the Relocation of the Existing Fuel Farm
- Ithaca-Tompkins Regional Airport, Tompkins County - $619,935 for Construction of a Flight Academy Building
- Sidney Municipal Airport, Delaware County - $675,000 for Construction of a New Conventional Hangar

This funding is in addition to a new $200 million Upstate Airport Economic Development and Revitalization competition included in the 2016-17 budget agreement. The initiative will solicit proposals to promote, revitalize and accelerate investments in Upstate commercial passenger and cargo service airports. The State will award capital funding for no less than five projects with a maximum project award not to exceed $40 million. This initiative builds upon the success of Governor Cuomo’s Master Plan Design Competition for LaGuardia and John F. Kennedy Airports, as well as the transformative efforts already underway Downstate.

Thank you Sponsors!

2016 Business Cards

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Fax (607) 797-1371
CORNELL UNIVERSITY
MECHANICAL ENGINEERING
SECTION MANAGER

Department Background
Facilities Engineering (FE) serves as a center for technical subject matter expertise and stewardship related to facilities and infrastructure. FE is made up of 30 staff comprising four technical discipline sections including Architecture & Structural Engineering, Mechanical Engineering, Electrical Engineering and Civil & Environmental Engineering. Each staff member in Facilities Engineering has a diverse work portfolio based on their area of expertise. FE provides Architecture & Engineering Services including studies, condition assessments and construction documents. FE also supports maintenance activities on campus through planning and prioritization. Lastly, FE acts as the University steward for project design reviews and the University design and construction standards.

Rewards & Benefits
- Competitive compensation, health insurance, and a 403b retirement plan with generous employer contribution
- Generous paid leave provisions: 3 weeks of vacation, 12 holidays
- Impressive educational benefits, including: tuition-free Extramural Study & Employee Degree Program, Tuition Aid for external education, Cornell Children’s Tuition Assistance program
- A rich array of services, programs and benefits to help employees advance in their career and enhance the quality of life, including: employee wellness, workshops, childcare and adoption assistance, parental leave, flexible work options. For more information, follow the link. Benefits at Cornell.

Key Responsibilities
Provide leadership and technical expertise in a team oriented environment for the Facilities Engineering Mechanical Engineering Section. The Mechanical Engineering Section Manager will work as a team member with Architecture, Structural Engineering, Electrical Engineering, Civil & Environmental Engineering and the Administrative Group section managers to deliver effective and efficient architecture and engineering services. Assist in developing business strategies and workflow management as a key member of the Facilities Engineering leadership team.

Core Qualifications
Bachelor’s degree in Mechanical Engineering is required, as well as a New York State Professional Engineering license (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). Must have experience in capital project management and be capable of mentoring staff in this skill. Must be skilled in facilities mechanical system design including HVAC, laboratory design, fire protection, and utilities distribution and a working knowledge of the NYUBFC, ASHRAE standards and NFPA codes.

For a more detailed description and to create a profile online please click here and get connected to Cornell recruiters. Due to the high volume of responses, only those applicants who best match our needs will be contacted for an interview.
MECHANICAL ENGINEER

Job Number: 179603
Location: Corning, NY

Are you interested in “Life Changing Innovation”? As with Thomas Edison, we have a history of working with the world’s greatest innovators. We solve our customers’ most complex problems that others can’t or won’t. Collaboration, Innovative Spirit and Career Development are just a few of the reasons world class professionals choose Corning Incorporated for a career. We are headquartered in Corning - a vibrant city in Upstate, NY where residents enjoy the benefits of a rich arts and culture scene, one of the world’s fastest-growing wine regions and a family friendly area with affordable homes and quality education.

Corning is the world leader in specialty glass and ceramics, creating and manufacturing keystone components that enable high-technology systems.

Corning’s history is filled with breakthrough technologies that have played an important role in the way the world works. We thrive on solving difficult, commercially relevant problems through an innovative and collaborative research and development process. Corning succeeds through sustained investment in R&D, more than 160 years of materials science and process engineering knowledge, and a distinctive collaborative culture.

Scope of Position:
• Provide HVAC engineering support within the Business Services Division (BSD) Facility Operations Engineering Department at Sullivan Park (SP).
• Assume a primary role of “HVAC Engineer” for the Facilities Operations organization.
• Additionally, support and lead various engineering projects within our organization.
• Participate on and/or lead 6-Sigma DMAIC or DESGN Performance Excellence projects.
• Identify improvement opportunities, justify, and lead implementation of those improvements.
• Complete process documentation as required.

Day to Day Responsibilities:
• Provide HVAC engineering support for maintenance and project support.
• Troubleshoot facility equipment including: Air Handling Units, Make-up Air Units, AC units, Exhaust fans (centrifugal/DEF), return air fans, HW packaged boiler systems and piping distribution, central chilled water system and piping distribution.
• Develop preventative maintenance programs for HVAC systems
• Identify HVAC training needs for Maintenance Group as required.
• Provide energy management/reduction support.
• Audit, revise, create process documentation for HVAC systems
• Provide occasional after hours technical support, ie. On-call or weekend support.
MECHANICAL ENGINEER (Cont.)

CORNING

Travel Requirements: Minimal

Hours of work/work schedule/flex-time:
- Standard 40 hour work week, plus occasional weekend project work and on-call coverage – (1) week per (2) month period.

Education and Experience:
- Min. 4 yr Bachelors of Science Degree
- Min. 4 years HVAC experience in Facilities Operations/HVAC Industry

Qualifications:
- HVAC Equipment experience – must be highly skilled in HVAC system design and operation.
- Perform engineering calculations of building heating/cooling loads, energy profiles, equipment selections, sizing of duct-work/piping distribution systems.
- Working knowledge of Facilities equipment and associated Building Control Management System operation.
- Hands-on troubleshooting experience and excellent troubleshooting skills and ability.
- Must have experience leading significant HVAC projects.
- Good communication and interpersonal skills, capable of working with all payrolls
- Good planning and organizational skills, capable of handling multiple tasks and priorities
- Self-starter, results oriented, requiring minimal supervision
- Basic CAD skills (preferably ACAD)
- Basic MS Office skills (MS Word, Excel, Power Point. MS Outlook w/ scheduling capability)
- Prior experience in either installation, system design, or maintenance of building infrastructure equipment.
- Process Control and Discipline knowledge and application experience, SPC understanding, Data Analysis experience using various statistical tools (ie: SPC XL, DOE Pro, Minitab, other)
- Understanding of quality systems (ie: Performance Excellence 6-Sigma, KT, Manufacturing Excellence, ISO)
- Additional computer skills (VISIO, Access, Tabware, Peoplesoft, ACAD and Revit BIM)
- Experience writing Process documentation (SOP’s, Machine Specs, O&M’s)
- Experience working in a Union environment
- Experience working in a Manufacturing environment.

EOE/AA including Veterans and Disabled.

IF YOU ARE INTERESTED IN THIS OPPORTUNITY, PLEASE FEEL FREE TO CONTACT DAVID WATKINS AT 716-688-6751 OR WATKINSD@CORNING.COM
LaBella Associates, D.P.C. is one of the area’s Top 2015 Workplaces. We are headquartered in Rochester’s High Falls District with offices across New York and in Maine, North Carolina, Ohio, Pennsylvania, and an office in Madrid, Spain. We are a multi-disciplined architectural and engineering firm dedicated to client satisfaction through teamwork, respect, and trust.

We are currently seeking a Senior Mechanical Engineer to lead mechanical project teams in our Elmira Heights, NY office. Project work will involve clients in multiple Market Sectors. This position will report to the Mechanical Engineering Discipline Leader.

Responsibilities:
- Work closely with the mechanical engineering staff to develop concepts, strategies, construction documents and engineering reports for new building and renovation projects.
- Assist the energy group in conducting Energy Audits for Municipal, Commercial, and Industrial clients.
- Recognize energy reduction potential in buildings through the use of high efficiency equipment.
- Mentoring, guidance and performance appraisal for the mechanical engineering team.
- Client and Business Development.
- Proposal writing to initiate new business.
- Work with Commissioning Teams as necessary to provide reinforcement to this market focus.

The ideal candidate will possess:
- Bachelor’s degree in Mechanical Engineering.
- Minimum 10 years engineering experience with a professional A/E services firm.
- Strong writing, organizational and communications skills
- Ability to work under pressure, and multi-task efficiently
- A New York PE license is mandatory.
- Familiarity with NYSERDA and the related incentive programs.

Resumes should be accompanied by a cover letter demonstrating how your past experience qualifies you for this position. All inquiries will be kept confidential.

LaBella offers a strong benefits package including health insurance, dental insurance, professional development, paid time off, 401k and much more.

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We are currently seeking a Mechanical Engineer with a strong focus and background in Building Projects to work in our Elmira Heights, NY Office. This position will work closely with the mechanical engineering staff to develop concepts, strategies, designs, drawings, specifications and reports.

Individual must be able to work independently, as well as part of multi-discipline teams producing mechanical engineering documents. Individual must have well rounded experience in HVAC design. Energy conservation and commissioning experience is a plus. A Bachelor’s degree and minimum of 4 years of experience working at an A/E consulting firm preferred.

Resumes should be accompanied by a cover letter demonstrating how your past experience qualifies you for this position. All inquiries will be kept confidential.

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We are currently seeking a Junior Level Electrical Engineer with a career interest in Building Projects to work in our Elmira Heights, NY office. This position will work with other Engineers as part of a Project Team to develop concepts, strategies, designs, drawings, specifications and reports. Duties may also include assisting with energy clients.

AutoCad experience required. Bachelor’s degree and a minimum of two years experience in the A/E consulting business is required.

Resumes should be accompanied by a cover letter demonstrating how your past experience qualifies you for this position. All inquiries will be kept confidential.

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- Email a copy of your business card to [Twin Tier Newsletter Editor Email](mailto:TwinTierNewsletterEditorEmail)

  From Web site please visit: [http://twintiers.ashraechapters.org](http://twintiers.ashraechapters.org)

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

Business Card Advertising 2016

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 2016. This is a great opportunity to get your name and business in front of the over 200 subscribers to our chapter newsletter. The price for the newsletter only is $50 for the entire 2016 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:TwinTierNewsletterEditorEmail)
American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

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Comments? Suggestions?
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 promote a sustainable world”

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