



# Twin Tiers Chapter

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

## Special points of interest:

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

## ASHRAE 2020-2021



Shaping Tomorrow's  
Built Environment Today

## September Meeting

September 22, 2020  
Virtual Webinar!

## PRESENTATION:

### The Role of Air Filters in the Filtration and Disinfection COVID-19 Document (1 PDH)

Mark Davidson - Camfil USA

To register, visit the Chapter website:

<http://twintiers.ashraechapters.org>

Please send all newsletter comments to:

Andrew Nice, Newsletter Editor  
c/o Meier Supply Co.  
275 Broome Corporate Parkway  
Conklin, NY 13748

[Email the Editor](#)

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



## Corner

### President's

Dear Twin Tiers Chapter Members,

Another exciting year of events for the Twin Tiers Chapter is already here! Please take a look at the "2020-2021" portion of our website to see what members are Officers for this ASHRAE season. I am honored to serve as the incoming president for this 2020 to 2021 ASHRAE year, and would like to take this opportunity to thank all of the officers, BOG, and committee members for volunteering their time and commitment towards ensuring another successful year for our Twin Tiers chapter. I look forward to working with this group, and our group is excited to commit to maintaining the chapter's Presidential Award of Excellence (PAOE) Premier status through this year.

Our chapter would also like to send a big 'Thank You' to the outgoing president Kyle Nedlik for all his efforts as president last year. He oversaw a term that included many never before seen challenges with the outbreak of COVID 19 yet managed to keep our chapter on track and provide many great opportunities to our members.

The ASHRAE society year started in July 2020 and is already in full swing. As a chapter, we had several officers and board members attending the Region 1 Chapters Regional Conference (CRC) in mid-August. This year's event was to be held in Portland, ME, however, like many recent conferences this was transformed into a webinar-based event. Most notably, our chapter was once again awarded Presidential Award of Excellence (PAOE) Premier status, an achievement we have obtained each year since the chapter's inception, and a status that is shared with just five other chapters in the country. Thank you again to last year's board of governors for your commitment and success in maintaining our Premier status.

The Society President for 2020-2021 is Charles E. Gullledge III, P.E., and his theme for the year is "The ASHRAE Digital Lighthouse and Industry 4.0." His theme focuses on reimagining the building industry and ASHRAE's place in it by integrating not only industry segments, but also technology. As he stated in his presidential welcome message, "Why should we engage in digital transformation? To gain a competitive advantage amongst our peers, position ourselves as the go-to resource for clients, improve margins, provide greater value, and attract and retain a digitally skilled workforce. Digital transformation is not simply associated with adopting new technical solutions. Knowledge needs to be captured and linked in such a way that ALL relevant stakeholders' benefit. Doing so requires understanding of how to collect, store, and analyze data; so that it is insightful and actionable"

For our Twin Tiers Chapter, the first monthly meeting this season will be hosted during the lunch hour on September 22nd. Please note that this date is not our typical third Tuesday or evening time. Due to the ongoing pandemic we will be keeping this month's meeting as a webinar-based format. Our speaker this month will be, Mark Davidson from Camfil USA. Mark's presentation "The Role of Air Filters in the Filtration and Disinfection of COVID-19" will be approved for 1 professional development hour. Please check our calendar of events regularly under the "Programs" tab on the Chapter website for the most up to date information on upcoming events. We hope that all members (and non-members) are able to attend the monthly chapter events, as they provide not only educational opportunities (often PDHs!!!) but also great networking opportunities within our small engineering community. We hope to be back to in person meetings soon.

Thank you, and I look forward an exciting year ahead!  
Devin Shapley  
Twin Tiers Chapter President

## Chapter President



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

## 2020-2021 Chapter Officers

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



**Vice President**  
Matthew Lloyd  
(607) 239-3956  
[Email Me!](#)



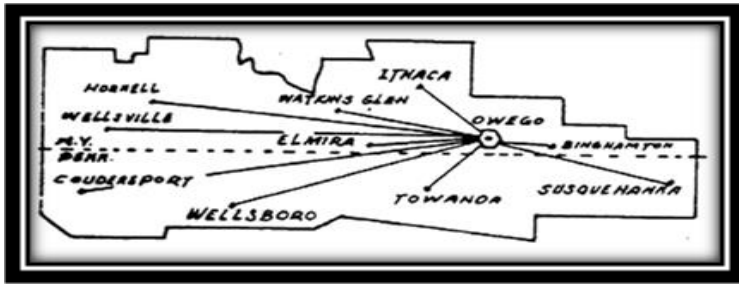
**Treasurer**  
Victoria Kramer  
(607) 321-6127  
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**Secretary**  
Dana Schmidt  
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## Twin Tiers Chapter

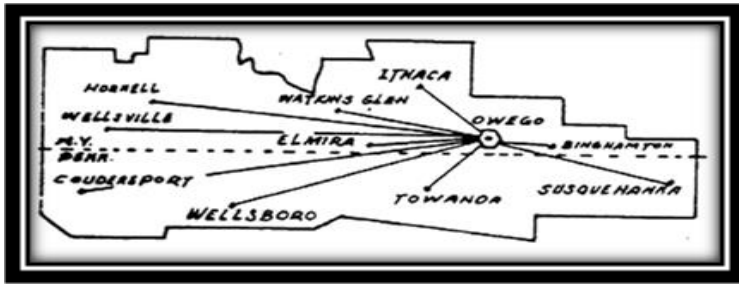
### Presidential Award of Excellence (PAOE)

	Chapter Operations	Chapter Technology Transfer	Electronic Communications	Grassroots Government Activities	Historical	Membership Promotion	Research Promotion	Student Activities	Young Eng. In ASHRAE
MIN/ PAR	600/1200	550/1050	300/700	500/650	100/300	500/800	800/1050	500/800	300/800
Current	0	0	0	0	150	370	0	200	700

POINTS CURRENT AS OF 9/11/2020

### Chapter Committee Chairs

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



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## Twin Tiers Chapter– Monthly Meeting Information

### *2020-2021 Meeting Dates:*

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
22-Sep	Mark Davidson - Camfil USA	The Role of Air Filters in the Filtration and Disinfection COVID-19 Document	-
TBD	Multiple/TBD	Fall Engineering Symposium - VIRTUAL	-
17-Nov	Speaker: TBD	Presentation/Tour: TBD Research Promotion Night	-
15-Dec	Distinguished Lecturer TBD Ithaca, NY	Presentation/Tour: TBD Past President & History Night	-
19-Jan	Binghamton Arena / Hockey Game	Binghamton Arena Tour Membership Promotion Night	-
16-Feb	Speaker: TBD	Binghamton University Tour Student Night / YEA	-
16-Mar	Panel Discussion Meeting	Student Night / YEA	-
20-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	-
18-May	New Brewery Tour	Refrigeration / Donor Recognition Night	-
15-Jun	None	Golf Tournament	-

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

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## 2020 Business Cards

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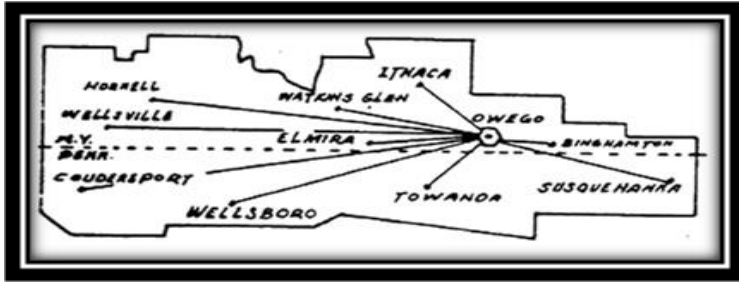
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## 2020-21 Twin Tier ASHRAE Officers

### 2020-21 Officer Instatements

President – Devin Shapley

President-Elect – Adam Keller

Vice President – Matthew Lloyd

Treasurer – Victoria Kramer

Secretary – Dana Schmidt

### 2020-21 Chair Position Instatements

Grassroots Government Activities Chair - Adam Keller

Membership Promotion Chair – Chris Wolak

Student Activities Chair – Jason Gilbert

Research Promotion Chair - Michael McGinnis

Webmaster – Petros Papathomopoulos

Historian – Richard Sanguinito

Newsletter Editor – Andrew Nice

Publicity – Andrew Nice

YEA – Kyle Nedlik

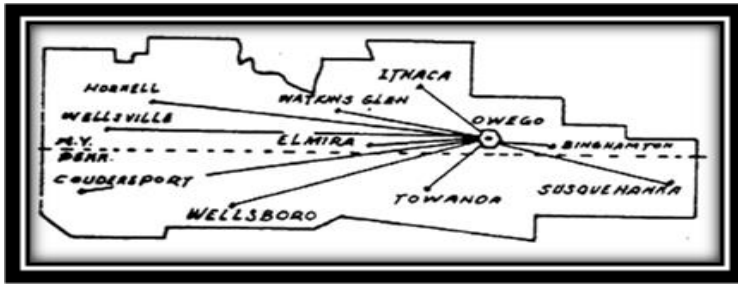
Golf & Clambake Chair – Travis Fisher & Mike McGinnis

Audit Committee – Richard Sanguinito & Andrew Nice

Refrigeration Chair – Rob VanSkiver

Thank you to all our volunteers for  
this upcoming year!

If you or someone you know is interested in  
volunteering their time please contact  
Devin Shapley at this [email](#).



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

## 2020-21 Region 1 Officer Contacts



**Regional Director  
Regional Chair**  
Christopher Phelen  
[Email Me!](#)



**Nominating  
Committee**  
Joseph Furman  
[Email Me!](#)



**Members Council  
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William Walter  
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N/A

**Refrigeration**  
CURRENTLY  
OPEN



**Membership  
Promotion**  
Jason Urso  
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**CRC General  
Chair**  
Christopher Phelen  
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**Region YEA**  
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**Regional  
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**Programs RVC**  
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**Research  
Promotion**  
Tom Zoller  
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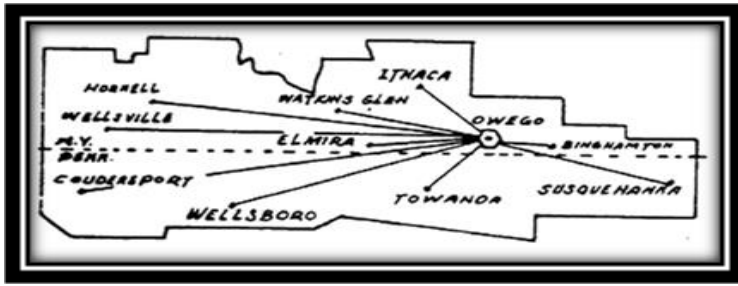
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Communication  
Webmaster**  
Richard Kimball  
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**Nominating  
Committee  
Alternate**  
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**Regional Historian**  
Stanley Westhoff  
[Email Me!](#)



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## September Chapter Meeting Announcement

# September 22, 2020

## ASHRAE Twin Tier September Chapter Meeting

**DATE:** Tuesday, September 22nd, 2020

**TIME:** 12:00 (noon) PM

**MEETING LOCATION:** Virtual - Go To Meeting

**SPEAKER:** Mark Davidson, Camfil USA

**DESCRIPTION:** Mark is the Manager of Technical Marketing which includes responsibility for participating in ASHRAE committees including 170 for healthcare facilities. Prior to that role, Mark was the Food and Beverage Segment Manager for Camfil USA with overall responsibility for growing market share in food or beverage production facilities located throughout the United States.

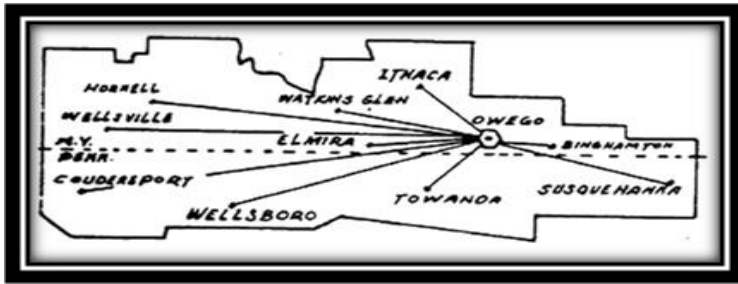
His background in industrial food processing and healthcare facilities gives Mark the understanding required to select the air filtration solution that provides the appropriate level of indoor air quality while tackling the high cost of energy, fewer maintenance staff and a growing shortage of landfill space. Food processing plants and healthcare facilities have a surprising number of common challenges and a more technical filtration solution strikes the right balance between energy cost, service life longevity while maximizing an HVAC system's airflow capabilities. These solutions typically deliver savings to healthcare facilities of between 6 to 12 cents per square foot and between 30% and 40% for a typical food processing facility. This presentation is certified for 1 PDH.

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

**WEBINAR LINK** <http://twintiers.ashraechapters.org/page-programs.html>

**CONTACT:** Adam Keller  
 (Please call, text, or email me at below with any questions or if you get lost)  
 E: [Email Me!](mailto:adam.keller@camfil.com)  
 C: (315) 484-9526





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## Twin Tiers Chapter - Summer BOG Meeting Minutes



<http://twintiers.ashraechapters.org>

Board of Governors Meeting

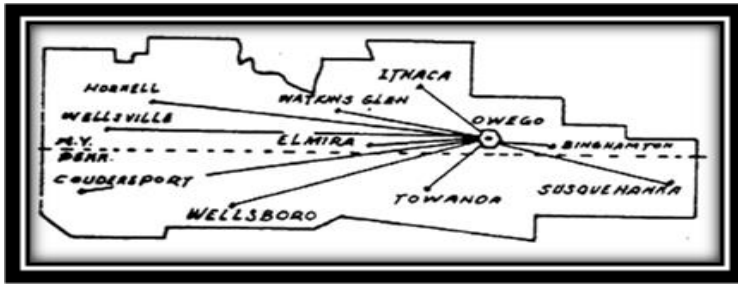
Date: July 30, 2020

Location: Video Conference Call

### Agenda

Meeting was called to order at: 4:07pm by Devin

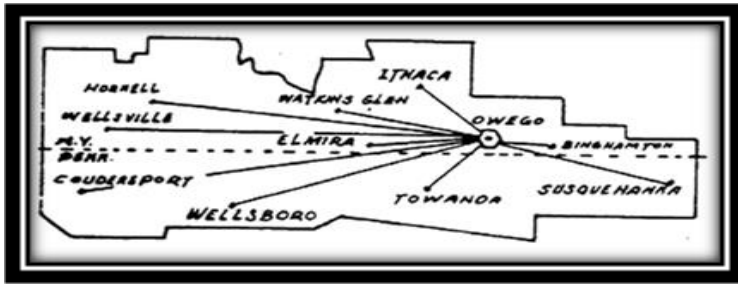
- Call to Order and Attendance:
  - Virtually Attended: 13 People
  - Jason Gilbert, Rob VanSkiver, Adam Keller, Devin Shapley, Mike McGinnis, Andy Nice, Alison Kran, Matt Lloyd, Chris Wolak, Glenn Roberts, Dana Schmidt, Kyle Nedlik, Victoria Kramer
- Item to Discuss:
  - Vote to approve the April Meeting Minutes:
    - Motion to Vote: Rob
    - Second: Chris
    - Introductions
  - Distribute PAOE points list for 2019-2020 to chairs
  - Confirm all chairs/committees/roles filled
  - Review the requirements for each Chair
  - Open Floor
  - CRC Update
- Treasurer's Report (Victoria Kramer):
  - Account Balances
    - M&T: \$8,312.99 (as of 7/30/2020)
    - PayPal: \$ 5,833.30 (from 6/30/2020 to 7/30/2020)
      - Mike has 300 dollar check
    - H.O. Ward \$ 22,304.91 (as of 7/30/2020, Principal: \$20,000)
    - William & Joan Alber: \$ 25,077.58 (as of 7/30/2020, Principal: \$20,000)
  - Review the budget for approval in August
  - (Matt) - Confirm when the 2019-2020 Audit report will be ready for review by the Audit committee – Will pass off to Victoria next meeting.
    - ◻ Chat with Victoria about budget spreadsheet and filling out M&T paperwork
  - Develop plan and fill out paperwork to update authorized signers
  - Develop plan and fill out paperwork to get Devin, Adam, Matt and Victoria Chapter credit cards- Won't be able to all sign at golf tournament
- CTTC (Adam Keller/Matt Lloyd):
- Schedule of events to be published by meeting in October historically? Devin to double check. Fill in location- TBD.
- Discussion and ideas around hosting meetings moving forward
  - Hybrid meeting with CNY Chapter.
  - Outdoor site. Presentation outside.
  - Touring sites will be difficult abiding by all NY COVID guidelines
  - 1<sup>st</sup> meeting- agreed to be hosted virtually. Safest option at this point.
  - PDH to get attendance.



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## Twin Tiers Chapter - Summer BOG Meeting Minutes (Cont.)

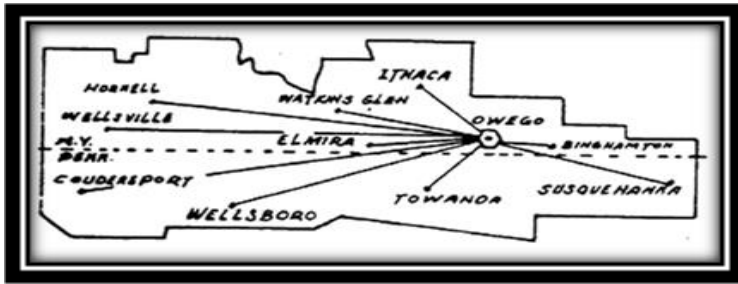
- Combine virtual sessions. Hopefully discuss further at CRC.
- Lunch session.
- Monthly Meeting:
  - ☐ September-virtual meeting. Adam to look for topics/presenters
    - September charge? No cost to chapter for zoom meeting.
    - October- Virtual Symposium. TBD.
    - November and December is TBD.
  - ☐ Check to see if region has zoom login?
- PAOE points-may want to do another BOG meeting next month after CRC after hearing from region about funding, policies, and procedures moving forward.
  - ☐ Schedule meeting to touch base.
- CRC- still happening same weekend. Digital. No other info at this point. Registration TBD.
- Get access at regional level- Kyle to email Chris...about??
- Due to NYS COVID restrictions, we will suspend having distinguished lecturers until further notice.
- Review the year's proposed calendar of events, need to have a draft version up on the website by August 1<sup>st</sup> for PAOE. Include:
  - 2 student nights
  - 1 donor recognition night
  - 1 refrigeration night
  - 1 past presidents / history night
  - 1 YEA night (consider combining with a student night)
  - 1 Membership Promotion night
  - 1 RP Night
- Update on central document storage
- YEA (Kyle Nedlik):
  - Fall YEA Event – Begin brainstorming ideas
  - Game nights, trivia, digital events? Will discuss further at next meeting
- Membership Promotion (Chris Wolak):
  - PAOE points- upgrade to full associate.
  - Can't tag golf as MP event since we won't be able to have meeting. So will wait on MP event



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## Twin Tiers Chapter - Summer BOG Meeting Minutes (Cont.)

- GGAC (Adam Keller):
  - All set
- Student Activities (Jason Gilbert):
  - ☐ To ask if we can reserve February and March for student night.
  - Get student board together if in person meeting to happen
- Research Promotion (Glenn Roberts / Mike McGinnis):
  - All Set
- History (Rick Sanguinito)
  - All Set
- Special Events
  - Golf / Clam bake
  - Potentially have option for to-go food? No buffet style. 60 tables spaced out for social distance seating. 8 teams 32 people
  - ☐ Mike- to talk to Travis to see if we can get to-go food? If so, need to make announcement prior
  - Michelle Leonis? \$2700, \$180 just clam bake tickets
- PAOE (Devin Shapley): See below (as of 7/29/20)
  - Reminder to chairs that they can update PAOE points.
  - Please review any points that are to be assigned by the region and reach out to the responsible person as required
  - Electronic and student activities went up for points
  - Each chair and update points accordingly- If you don't know tie off with Devin
  - ☐ CRC in 2 weeks- then wait to see if another meeting is needed. Devin to send out placeholder invite



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## Twin Tiers Chapter - Summer BOG Meeting Minutes (Cont.)

CATEGORY	PAR	MIN	PTS
<u>Chapter Operations*</u>	1200	600	0
<u>Chapter Technology Transfer*</u>	1050	550	0
Electronic Communications	700	300	50
<u>Governmental Affairs*</u>	650	500	0
Historical	300	100	0
<u>Membership Promotion*</u>	800	500	200
<u>Student Activities*</u>	800	500	0
<u>RP*</u>	1050	800	0
<u>YEA</u>	800	300	550
Total	3/6 and 5/8	8/8	

**Pts** – Have NOT Achieved Min

**Pts** – Have Achieved Min, but not PAR

**Pts** – Have Achieve PAR

- PAOE: Minimum in 5 of the following 6 categories: Chapter Operations, Chapter Technology Transfer, Governmental Affairs, Membership Promotion, RP and Student Activities - **Incomplete**
- Special Citation: Minimum in 5 of the 6 categories, with a minimum of 5,500 points - **Incomplete**
- STAR: PAR in all categories - **Incomplete**
- Honor Roll: PAOE for at least four consecutive years - **Incomplete**
- High Honor Roll: STAR for at least four consecutive years - **Incomplete**
- Premier:** PAOE every year since the chapter's inception or since 1970; minimum of four years; chapter's first year is excluded - **Incomplete**
- New Business

Meeting was adjourned at 4:53

Motioned: Devin

Second: Kyle



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## 2020 Business Cards



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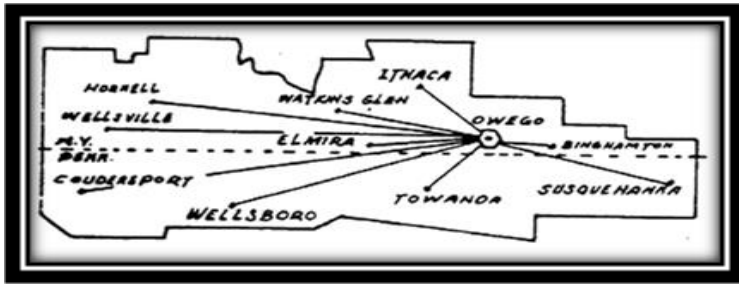
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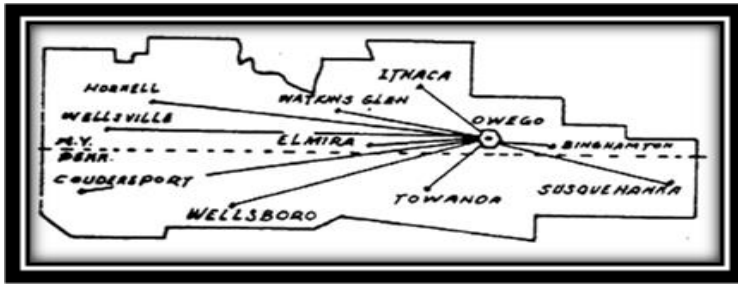
## What Were They Thinking???



**They sure fixed that leaky fan!**

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

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



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## TRAINING



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

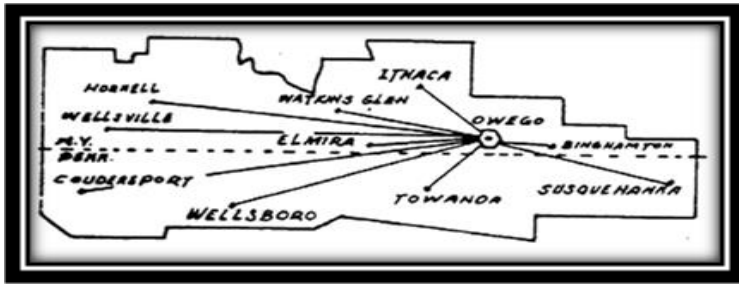
As a licensed professional in New York State, it is your professional responsibility to know the legal and ethical requirements governing the practice of your profession and to be alert to changes in those requirements. The New York State Board for Engineering and Land Surveying, in an effort to help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

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

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

**Take Your PE Ethics Self Test Here!**

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



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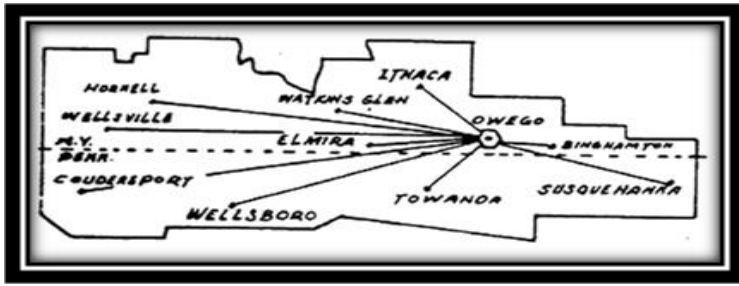
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### Comments? Suggestions?

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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.

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