



THE CHAMP

monthly newsletter

of the Champlain Valley Chapter of ASHRAE

PRESIDENT'S MESSAGE



The calendar says its spring, but the weather hasn't caught up yet. I hope by the time you are reading this the sun is proud and the sap is flowing. Right now old man winter is still running the show and the skiing is as good as it has been all winter

I would like to thank everyone who attended the March meeting. We had 61 people in attendance! For the first time since we started holding meetings at the Hampton, we utilized two conference spaces. The acoustical speaker was interesting, informative, and amusing. As they always do the Hampton provided an outstanding meal.

For our April meeting we will be making the trip to Vermont Technical College where the student chapter will be hosting the event. To avoid conflict with the college vacation schedule, the meeting will be on Wednesday, April 16th starting at 5:30. The first presentation will be on the brand new anaerobic digester that VTC built on campus. They are now converting farm waste to power. This will be followed by dinner and an opportunity to tour the new digester.

...continued on page 2

ASHRAE CVC UPCOMING EVENTS

WEDNESDAY, APRIL 16, 2014

Starting 5:30pm at VTC Barre

The April Chapter meeting will be hosted by the Vermont Technical College student chapter and will be held at their campus in Barre, VT.

- 5:30 – 6:45 Digester presentation and tour
- 6:45 – 7:15 Dinner
- 7:15 – 8:00 Student presentation

HILL PHOENIX REFRIGERATION SEMINAR

Tuesday, April 15 Starting at 7:30am

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I would also like to point out that our chapter is sponsoring a refrigeration training that will be put on by Hillphoenix. That training is going to be held at the Hampton on the 15th of Apr. Registration will be at 7:30am; the class will begin at 8:00am and run through 4:00. Lunch will be provided. Please visit our web page for details on the class topic and also to register.

I will see you all at VTC

Nathan Mascolino
ASHRAE CVC PRESIDENT

TECHNOLOGY TRANSFER

“What? I can’t hear you!” Now we understand acoustics better. Right? We had a great meeting this past month with two presentations by BRD Noise and Vibration Control and a great visit by a group of senior mechanical engineering students from Norwich University.

The acoustics presentation from BRD – presented by Bruce Majer – was well received. Bruce covered the basics of the definition of “noise”, its generation within a mechanical-HVAC environment and methods of measurement. The second part of his presentation continued with a discussion of noise and vibration and concluded with a series of attenuation alternatives especially suited for rooftop unit applications.

Our April meeting will be our annual meeting at Vermont Tech in Randolph. I want to encourage you to make the effort to attend because – besides the great food and connections with your colleagues

– we will be having a presentation and tour of their digester. Look for more information within this newsletter.

Looking ahead, on May 7th, we are planning to have two presentations on energy recovery from DAC: heat pipe energy recovery systems and pumped glycol energy recovery systems.

Finally, as a reminder, if you are looking for additional continuing educational points, check out the following ASHRAE webcast on April 17th: <https://www.ashrae.org/membership--conferences/webcasts>.

Rob J. Favali
ASHRAE CVC TECHNOLOGY TRANSFER CHAIR
rfavali@dubois-king.com

SAVE THE DATE



CVC ASHRAE will be sponsoring a viewing of the Free Webcast....

Buildings in Balance: IEQ and Energy Efficiency

Date: April 17, 2014
Time: 1:00pm – 4:00PM

This webcast will feature industry experts who will identify the link between energy efficiency and Indoor Environmental Quality (IEQ) through the integrated design process. Viewers will be able to recognize the importance of the four cornerstones of IEQ and how system selection can benefit both energy efficiency and IEQ.

TREASURE'S REPORT

As of March 12, 2014 our TD Bank account is \$7,434.01 and our bills are paid up to date with our ASHRAE CVC account reconciled.

We appreciate everyone's support in our monthly newsletter advertising as our Chapter sent out this month (2) Scholarships one for our VTC ASHRAE Award and the other for the Past Presidents Scholarship Award. Congratulations to the student winners.

If at any time, anyone has any questions regarding our chapters financial status please don't hesitate to contact me.

Peter Bailey

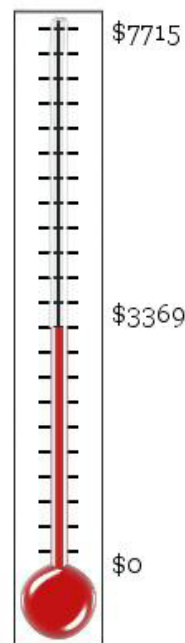
ASHRAE CVC TREASURER

RESEARCH PROMOTION

We are have a pretty good RP year so far and with the upcoming events (Summer Tailgate Party & Hill Phoenix Training) we should be in really good shape. If there is anyone in our membership that may be interested in volunteering some time to help out with the tailgate party in June please shoot me a message or approach me at one of our monthly meetings. Even if you can just man the registration table for an hour it would be a huge help.

Rob Ward

ASHRAE CVC VICE PRESIDENT /
RP CHAIR



**2013-2014
Progress !!!**



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2013-2014 ASHRAE CVC MEETING CALENDAR

MAR. 2014
Vol. 28 No. 07

SEPTEMBER 5	OCTOBER 2	NOVEMBER 6	DECEMBER 4	JANUARY 8
<p>4:30pm BOG Meeting @ Hampton Inn, Colchester</p> <p>6:00pm General Meeting</p> <p>7:00pm Dinner Break</p> <p>Meeting Presentation(s) / Topic(s)</p> <p>>> Bill Root, PE GWR Engineering "My NET ZERO Home – The Real Facts"</p>	<p>4:30pm BOG Meeting @ Hampton Inn, Colchester</p> <p>5:00pm Social Hour</p> <p>5:45pm 1st Presentation</p> <p>>> Len Damiano, (Ebtron) "Building Pressurization Control for Adequate IEQ"</p> <p>6:45pm Dinner Break</p> <p>7:30pm 1st Presentation</p> <p>>> Len Damiano, "Demand Control Ventilation Strategies"</p> <p>Additional Information: Both Courses are USGBC accredited.</p>	<p>4:30pm BOG Meeting @ Hampton Inn, Colchester</p> <p>6:00pm General Meeting</p> <p>7:00pm Dinner Break</p> <p>Meeting Presentation(s) / Topic(s)</p> <p>>> Trevor Gensch, Daikin "VRF Design Compliance with ASHRAE 15"</p> <p>Additional Information: RSES Joint Meeting MEMBERSHIP Promo Night</p>	<p>4:30pm BOG Meeting @ Hampton Inn, Colchester</p> <p>6:00pm General Meeting</p> <p>7:00pm Dinner Break</p> <p>Meeting Presentation(s) / Topic(s)</p> <p>>> DL SPEAKER Gordon Sharp "Holistic Technologies & Strategies for Deep Energy Reductions in Laboratories"</p>	<p>4:30pm BOG Meeting @ Hampton Inn, Colchester</p> <p>6:00pm General Meeting</p> <p>7:00pm Dinner Break Meeting</p> <p>Meeting Presentation(s) / Topic(s)</p> <p>>> Jessie Robbins, AIA Freeman French Freeman "Update on LEED v.4.0"</p> <p>Additional Information: Holiday Mixer; Open Invitation to VT-AIA and VGBN Members</p>
FEBRUARY 7	MARCH 5	APRIL 2	MAY 7	JUN./JUL./AUG.
<p>4:30pm BOG Meeting @ Hampton Inn, Colchester</p> <p>Meeting Presentation(s) / Topic(s)</p> <p>>> Facilities tour, University of Vermont AIKEN building Tour</p> <p>Additional Information: LUNCH MEETING TIME TBD</p>	<p>4:30pm BOG Meeting @ Hampton Inn, Colchester</p> <p>6:00pm General Meeting</p> <p>7:00pm Dinner Break</p> <p>Meeting Presentation(s) / Topic(s)</p> <p>>> Bruce Majer, BRD Noise & Vibration Control "Acoustics 101"</p> <p>>> Bruce Majer "RTU Sound Attenuation"</p>	<p>4:30pm BOG Meeting @ Hampton Inn, Colchester</p> <p>6:00pm General Meeting</p> <p>7:00pm Dinner Break</p> <p>Meeting Presentation(s) / Topic(s)</p> <p>>> VTC PRESENTATIONS</p>	<p>4:30pm BOG Meeting @ Hampton Inn, Colchester</p> <p>6:00pm General Meeting</p> <p>7:00pm Dinner Break</p> <p>Meeting Presentation(s) / Topic(s)</p> <p>>> Jim Shiminski, DAC "Heat Pipe Energy Recovery Systems"</p> <p>>> Jim Shiminski, DAC "Pumped Glycol Energy Recovery Systems"</p> <p>Additional Information: MEMBERSHIP Promo Night</p>	<p>JUNE EVENTS -Tail Gait</p> <p>JULY EVENTS -TBD</p> <p>AUGUST EVENTS -TBD</p>

STUDENT ACTIVITIES

VTC CHAPTER

Committee Chair: Shawn LaBelle

Student Chapter Advisor: Chris Reilly

Student Chapter President: Esther Covey

Just a reminder, April's monthly meeting will be held at VTC on Wednesday April 16th. The students will be presenting on their ASHRAE Student design and VTC's newly constructed Anaerobic Digester. Following the presentations will be a tour of the new digester facility. For more info in regards to the anaerobic digester please visit the following website: <http://digester.vtc.edu/>. The meeting agenda is the following:

5:30 – 6:45 Digester presentation and tour

6:45 – 7:15 Dinner

7:15 – 8:00 Student presentation

The Champlain Valley Chapter is happy to announce the recipient of this year's Past President's Memorial Scholarship (\$2,000) and VTC ASHRAE Award (\$500). John Kubacz is the recipient of this year's Past Presidents Memorial Scholarship and Esther Covey is the recipient of this year's VTC ASHRAE Award. Both are student at VTC in the Architectural Engineering Technology Program. On behalf of the chapter I would like to congratulate John and Esther. This year the awards will be presented at VTC's Award Ceremony on Thursday April 16th @ 6pm in the Judd Gymnasium.

Thank You!

Shawn LaBelle

ASHRAE CVC STUDENT ACTIVITIES CHAIR

GRASSROOTS GOVERNMENT AFFAIRS COMMITTEE

Vermont law requires that the residential energy code (RBES) and the commercial energy code (CBES) be updated on appropriate schedules. The next energy code updates are currently underway and it is expected to continue through 2014.

A notice was given to our Committee about Stakeholder meetings related to the updates. Our intent was to attend the scheduled March 12 meeting in Montpelier, but unfortunately, the meeting was cancelled due to a good old winter snow storm that occurred at that time. Currently there are two remaining Stakeholder meetings that our members should be aware of. One is scheduled for May 7th at Burlington Electric Department, the other is scheduled for May 9th at the Windsor Welcome Center.

More information about the energy code updates can be found at the following web address: http://publicservice.vermont.gov/topics/energy_efficiency/code_update#stakeholder

There is also a link to a form on the website that allows individuals to provide feedback on the energy standards.

Our Committee will track the progress of the updates and keep our Chapter Member's informed of potential changes to our current energy codes.

Dick Wilcox

ASHRAE CVC GGAC CHAIR



Join us at ASHRAE's 2014 Annual Conference
June 28–July 2 | Seattle, Washington | www.ashrae.org/seattle

Special first time attendee registration fee available

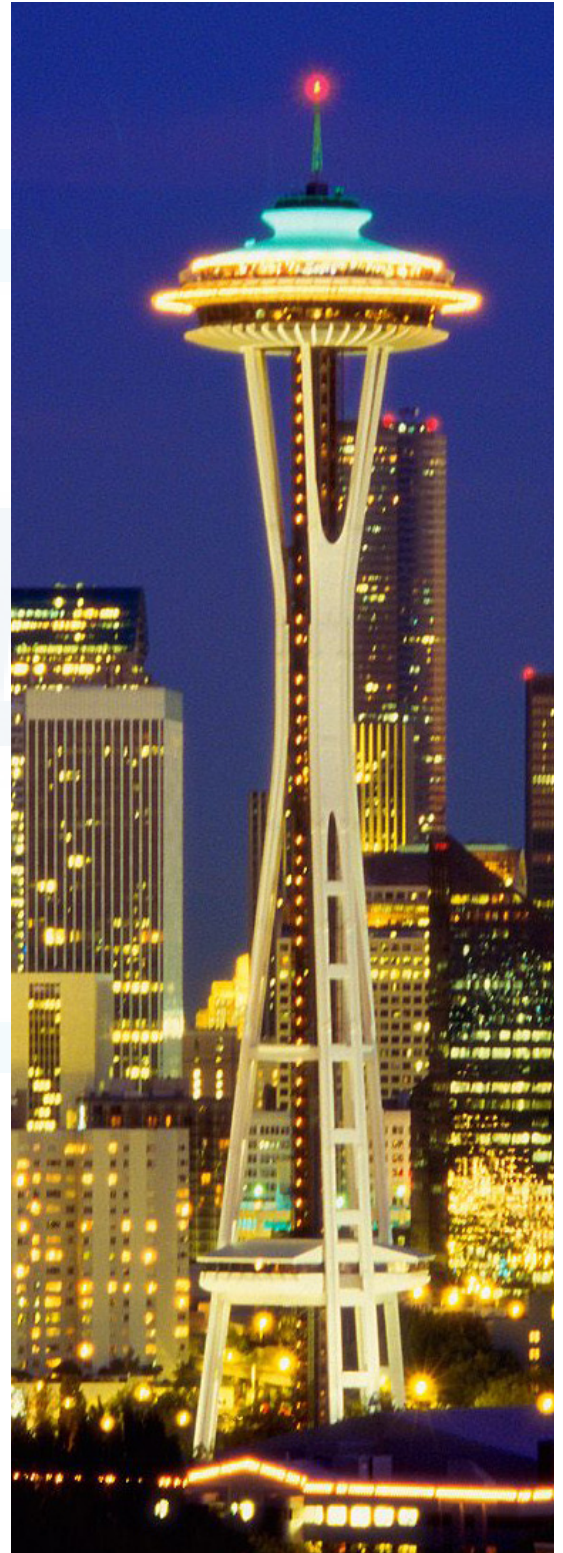
Join ASHRAE in Seattle! Take advantage of the opportunity to discuss and examine the latest topics in the building industry, such as high performing buildings and integrated design, through the technical program; participate in technical tours; attend ASHRAE Learning Institute courses; and earn professional credits.

Research Summit - held in conjunction with the 2014 Annual Conference. The summit addresses the latest research results, innovative research techniques and forecasts future research directions.

Technical Program - presentations and papers focus on current research worldwide; core HVAC&R applications and systems; and Integrated Project Design, Energy Modeling and Building Efficiency Performance.

Networking - share ideas and learn from fellow members from your hometown and around the world.

ASHRAE Learning Institute - choose from two full-day professional development seminars and seven half-day short courses to stay current on new HVAC technologies.





2013-2014 Board of Governors,
Officers & Chairpersons

BOG MEETING MINUTES

MARCH 2014 BOG Meeting Minutes

Date: 3/7/2014

Location: Vermont Heating & Ventilating, Winooski, VT

Time Called to Order: 4:02pm

Called to Order By: Nathan Mascolino

Minutes Recorded By: Cody Lezak

ATTENDANTS

Rob Favali	Dubois & King
Peter Bailey	Dodge Engineering & Controls
Nathan Mascolino	VHV
Rachael Mascolino	VEIC
Cody Lezak	VEIC
Mike Cook	ARC Mechanical
Rob Ward	VHV
Joshua Chiappone	Trane
Shawn Labelle	VHV
Blaine Connor	

LAST MEETING MINUTES

Peter Bailey made a motion to approve the meeting minutes from February. Rachael Mascolino seconded the motion and the motion carried.

OFFICER REPORTS

1) Student Activities – Shawn Labelle

a) a) The applications for the Past Presidents Scholarship were reviewed with an in depth discussion about the qualifications of each candidate. Rob Favali made a motion to award the \$2000 scholarship to one of the two applicants

that were provided. Shawn Labelle seconded the motion. Nathan called the motion to a vote and the motion passed. A motion was then made by Rachael to split the scholarship between the two candidates, awarding \$1000 to each candidate, Shawn seconded the motion and a discussion followed. Nathan called the motion to a vote and the motion did not pass. Rob Ward made a motion to award the scholarship to John Kubalz and Pete Bailey seconded the motion. A discussion followed. Nathan called the motion to a vote and the motion carried.

b) There is an awards ceremony at VTC April 17th at which we will be asked to present the Past Presidents Scholarship to the award winner. Rob Favali agreed to attend and present the award as Nathan will be unable to attend.

2) Membership Promotion – Josh Chiappone

a) Josh reminded the BOG that the next membership promotion night will be May general meeting. Rachael Mascolino made a motion to make a door prize for the May meeting not to exceed \$50. Rob Favali seconded the motion. Nathan moved the motion to a vote and the motion passed.

3) President – Nathan Mascolino

a) Nathan reminded the group that newsletter articles are due next Friday.

b) The CRC will be August 15th, 16th, and 17th this summer. Nathan noted that he will not be able to attend the CRC this year and we will need to send at least a delegate and alternate to the CRC. There was a general discussion about what officers will need to attend. It was agreed that the conversation will need to be continued at the next BOG meeting.

4) Nominating Committee – Rob Favali

a) Rob Favali presented the nominations for the open positions to the BOG on behalf of the nominating committee. There is still one open position, Research Promotion.

5) Research Promotion – Rob ward

a) Rob provided a brief update that the vendors are continuing to sign up for the expo on wheels event planned for June.

b) RP funding was discussed and it was noted that we have currently raised more than we did last year at this point.

OLD BUSINESS:

None

NEW BUSINESS:

Mike Cook reminded the BOG that auditors will need to be selected for the audit that is required at the end of fiscal year.

MEETING ADJOURNED

A motion was made by Rachael Mascolino to adjourn the meeting. It was seconded by Mike Cook and the motion was carried. The meeting adjourned at 5:28 PM.

These minutes are the writers understanding of the discussions involved. If there are any exceptions taken, or omissions, please notify the writer immediately.

LEADERSHIP QUOTE OF THE MONTH

“Do not follow where the path may lead. Go instead where there is no path and leave a trail.”

~ Ralph Waldo Emerson

GENERAL MEETING MINUTES

March, 2014 General Meeting Minutes

Date: 3/5/14

Location: Hampton Inn, Colchester, VT

Minutes Recorded By: Cody Lezak, Secretary

ATTENDANTS

Rachael Mascolino	VEIC
Rob Favali	DuBois & King Inc
Rob Ward	Vermont Heating & Ventilating
Nathan Mascolino	VHV
MJ Poynter	Efficiency Vermont
Peter Bailey	DEI
Mike Spasyk	DuBois & King
Cody Lezak	VEIC
Ray Hickey	Hickey ACS
Tom Zoller	Trane
Joseph Kazukenus	Thermal Environment Sales
Jason Hudspath	Thermal Environment Sales
Steve Kreigh	Mylan
Karen Supan	Norwich University
Nathan Bacon	Norwich University Student
Robert Bauch	Norwich University Student
Tashon Brown	Norwich University Student
Isaac DeRego	Norwich University Student
Peter Gill	Norwich University Student
Christopher Gour	Norwich University Student
Daniel Grund	Norwich University Student
Jamie Hall	Norwich University Student
Ethan Hanks	Norwich University Student
William Helterbran	Norwich University Student
Caitlin Holliday	Norwich University Student
Axel Karpovics	Norwich University Student
Michael Koutouzis	Norwich University Student
Savannah Medlar	Norwich University Student
Samuel Phaneuf	Norwich University Student
Cornelius Pretorius	Norwich University Student
Matthew Roberts	Norwich University Student
Nicholas Stewart	Norwich University Student

Steven Tiernan	Norwich University Student
Victor Traven	Norwich University Student
Chad Wasson	Norwich University Student
Gregory Liebert	Liebert Engineering, Inc.
Ray Spears	TRANE Burlington VT- C2
Ravi Parikh	Burlington Electric Department
Esther Covey	Vermont Technical College
Howard Merson	Efficiency Vermont
Chad Nichols	EIC
Jeremy Rathbun	DuBois and King Inc.
Dan Reilly	Gourley Company
Michael VanHorn	Control Technologies
Todd Hallock	FW WEBB CO
Dick Wilcox	Vermont Heating & Ventilating
Bill Root	GWR Engineering
Bill Gregory	L.J. Early Co.
Nigel Churchill	VHV
Steve Dumas	D&K
J.C. McCann	Burlington Electric Company
Josh Netz	Grundfos
Kris Kollevoll	BRD Noise & Vibration
Jake Marin	Efficiency Vermont
Courtney Hart	VTC
Amanda Rochon	VTC
Warren Irish	VTC
John McCann	BED
Mike Cook	ARC
Steve Booth	Efficiency Vermont/VT Gas

Following the second presentation Nathan Mascolino introduced the nominating committee and Bill Rut made a motion to approve the selection of the nominating committee. Steve Kreigh seconded the motion. The membership voted on the motion and the motion passed.

These minutes are the writers understanding of the discussions involved. If there are any exceptions taken, or omissions, please notify the writer immediately.

ASHRAE ANNUAL CONFERENCE



Join us at

ASHRAE's 2014 Annual Conference

June 28—July 2
Seattle, Washington
www.ashrae.org/seattle

This month's general meeting included a with a Q&A session during the social hour with chapter members for attending students from Norwich University and Vermont Technical College. Grundfos and Efficiency Vermont had vendor tables staffed for the social hour as well.

The social hour was followed by a two part presentation on acoustics. The first half focusing on acoustic basics while the second half focusing on RTU noise suppression strategies. A break for dinner separated the two presentations.



The **ASHRAE Champlain Valley Chapter** and the **Hillphoenix Learning Center** provides training programs for you and your team to keep you well informed of the latest technologies and trends in the industry. Get the knowledge you need to help mitigate costs, protect your profits and increase your bottom line.

The Learning Center is conducting the following course in your area:

Direct Expansion (DX) Refrigeration Racks/ Wiring Troubleshooting / Walk-In Refrigeration

This Hillphoenix Learning Center course will cover this year—Direct Expansion (DX) Rack Systems, Walk-in Coolers and troubleshooting/reading wiring schematics. This course is intended to provide participants with a working knowledge of the sequence of operations in Rack systems and service; how to read a wiring diagram and troubleshoot any problems and a review of Walk-In Coolers.

Value of this Course

The material covered in this course is designed to provide you with the knowledge you need to intelligently discuss DX System with customers and to explain the Hillphoenix answers to those needs. Whether you are a sales associate, a dealer, company employee, a customer or a field service engineer, the information in this course will aid you in working towards your company's success.



Tuesday, April 15, 2014

Hampton Inn • Mountain View Drive • Colchester, VT 05446

7:30 a.m.
8:00 a.m. – 4:00 p.m.

Sign in and registration
DX Systems, Wiring and Walk-In Course
Costs - TBD

LUNCH WILL BE PROVIDED

ASHRAE JOBS



Dear Chapter Webmaster:

ASHRAE partners with the job board service Bird Dog to promote employment opportunities for the ASHRAE community. This effort is called ASHRAE Jobs. The link to ASHRAE Jobs (www.ashraejobs.com) can be found on the ASHRAE home page.

Forbes Magazine ranked engineer one of the 10 hardest jobs to fill in the US today. 4 of the top ten positions included engineer, skilled trades, technician and sales. Reasons for this vary, but emerging macro level trends include:

The Obama administration's pledge to rebuild America's energy grid, energy efficiency incentives and infrastructure is increasing the need for talented engineers.

There are far too few new college graduates in engineering to replace retiring engineers.

Employers don't want to hire two or three engineers with a variety of specialties. They want one engineer who is trained in several areas.


Today, employment specialists see successful

companies shifting their talent acquisition strategies from being reactive to an "always recruiting" proactive approach. Another trend is organizations recruiting for attitude and cultural fit and then training new hires to do the job.

Since ASHRAE migrated ASHRAE Jobs to reside in the BirdDog applicant tracking system (ATS), ASHRAEJobs is now a one-stop location where your employers can search for certain skill sets and demographics that they are "always looking for" and build a talent community.

My very best regards,
 Bryan May
 EVP of Business Development
 BirdDog


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... advertising/sponsors continued on page 15



2013 CHAPTER REGIONAL CONFERENCE (CRC) AWARDS

Here are the (10) awards the Champlain Valley Chapter received at the 2013 CRC in Burlington, Vermont August 17, 2013 during the awards luncheon.

- ▶ Participation in Student Design Competition- “HVAC System Design Calculations”
Shawn Labelle - Champlain Valley & Students of Vermont Technical College
- ▶ Participation in Student Design Competition- “HVAC System Selection”
Shawn Labelle - Champlain Valley & Students of Vermont Technical College
- ▶ Outstanding Performance
Champlain Valley Chapter, **Nathan Mascolino P.E.**
- ▶ Websitation of Excellence
Rachael Mascolino, Champlain Valley, www.ashraevt.org
- ▶ Black Ink Award
Cara Gorman, Champlain Valley, THE CHAMP
- ▶ High Honor Roll, Star, Special Citation
Tom Dacres - Champlain Valley Chapter
- ▶ Chapter Service Award
Peter F. Bailey - Champlain Valley Chapter
Shawn R. LaBelle - Champlain Valley Chapter
Richard J. Wilcox - Champlain Valley Chapter
- ▶ Golden Gavel Award - Outstanding (Best Overall) Chapter Performance
Thomas F. Dacres, Jr. - President



Congratulations to the efforts of the entire 2012 – 2013 Champlain Valley Chapter team including Officers, Board of Governors, Committee Chairs and volunteers for a successful year!

2013-2014 PRESIDENTIAL NEWSLETTER

DATE: June 1, 2013

TO: Chapter Presidents, ASHRAE Membership Promotion Committee, ASHRAE Student Activities Committee, ASHRAE Research Promotion Committee, ASHRAE Chapter Technology Transfer Committee, ASHRAE Grassroots Government Activities Committee, Young Engineers in ASHRAE Committee, Regional Historians, Assistant Regional Chairs, Board of Directors

FROM: William P. Bahnfleth, PhD, PE



SUBJECT: PRESIDENTIAL AWARD OF EXCELLENCE (PAOE)

ASHRAE chapters are the backbone of the Society and play a central role in achieving its goals. Through our collective efforts, ASHRAE chapters are a vital, global driver of progress in building science and technology.

My Presidential theme, "Shaping the Next," focuses on the importance of goals, planning, and commitment to enable us to fulfill our responsibility to our world - making buildings safe, healthy, productive, comfortable environments in harmony with nature - by developing ourselves – the professional community and transforming our work – what we do, how we do it, and who we do it with.

The PAOE for the coming year reflects these points of emphasis. It also includes new section for Grassroots Government Activities, coinciding with the initiation of ASHRAE's new Grassroots Government Activities Committee (GGAC).

Highlights of new activities for which PAOE points will be awarded include:

75 points for establishing and updating annually a chapter long term strategic plan (minimum of 3 years) with goals for chapter growth, leadership, and financial stability.

100 points for a project that provides education and support for Indoor Air Quality (IAQ) in the professional community and/or Society at large

50 points for each chapter program on Indoor Air Quality/Environmental Health

50 points for each chapter program dealing with global issues

150 points for establishing and annually updating a list of government officials (at any level of government relevant to buildings, engineering or construction, including building officials, school system facility staff, state energy code officials, etc.) along with their contact information. In addition, translation of ASHRAE publications by Chapter members will now be given the same credit as authoring an article.

There are seven categories included in this year's PAOE: Chapter Operations, Chapter Technology Transfer, Grassroots Government Activities, Historical, Membership Promotion, Research Promotion, and Student Activities. To achieve PAOE, the chapter must earn the minimum points in five of the following six categories: Chapter Operations, Chapter Technology Transfer, Grassroots Government Activities, Membership Promotion, Research Promotion, and Student Activities. Please refer to the criteria specified in each of the categories for calculating the PAOE points. For additional information or clarification, consult the PAOE Frequently Asked Questions (FAQ) section on the ASHRAE website. Please note that appropriate documentation must be kept by the Chapter to support PAOE point input, and that "chair" is defined as the individual listed in the Chapter Information Questionnaire (CIQ) on file with Society.

I appreciate the dedication, enthusiasm and hard work you bring to improving our Society and providing value to our membership. I look forward to working with you during the coming year.

Mission Statement

ASHRAE will advance the arts and sciences of heating, ventilation, air conditioning, refrigeration and related human factors to serve the evolving needs of the public and ASHRAE members.

Vision Statement

ASHRAE

- ~ Will be the global leader in the arts and sciences of heading, ventilation, air conditioning & refrigeration.
- ~ Will be the foremost, authoritative, timely and responsive source of technical and educational information, standards and guidelines.
- ~ Will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and embracing diversity.

PRESIDENTIAL AWARD OF EXCELLENCE TOTALS

Presidential Award of Excellence (PAOE) is the point system ASHRAE Region and Society use to help track the Chapter's activities. The chapter gets points in the below categories for activities that we do throughout the year. The awards banner that you see at the meetings represents CVC's accomplishments over the years. Below are definitions of what some of those awards are. If you want to know more about PAOE check out the www.ashrae.org website and do a search for the PAOE newsletter.

End of Year Awards Available to the Chapter:

PAOE: Minimum in five of the six categories

Special Citation: Minimum in 5 of the 6 categories with a minimum total of 4600 points

STAR: PAR in all categories

Honor Roll: PAOE for at least 4 consecutive years

High Honor Roll: STAR for at least 4 consecutive years

Premier: PAOE every year since the chapter's inception or since 1970; minimum of 4 years; chapter's first year is excluded

Sustainability Activities Award: A Chapter Sustainability Award in the form of a certificate is available for each chapter that obtains a total of at least 200 points from the items listed under Sustainability

Activities in the Chapter Operations category of PAOE. The Chapter with the highest PAOE Sustainability point total will receive a Regional award in the form of a glass plaque and a certificate. Level 1 = less than 100 members; Level 2 = 100-249, Level 3 = 250-449, Level 4 = 500 or more.

Category	PAR	2013 - 2014
Membership Promotion	800	0
Student Activities	500	656
Technology Transfer	1050	0
Research & Promotion	1050	640
History	300	75
Grassroots Government Activities	650	0
Chapter Operations	1000	1110
Chapter TOTAL	5050	2481

GENERAL MEETING

2013-2014 BOARD OF GOVERNORS

Joshua Chiappone T: 518-817-8669 joshua.j.chiappone@jci.com	Shawn LaBelle T: 802-857-5011shawn. ShawnL@amivt.com
Rachael Mascolino T: 802-540-7846 rmascolino@veic.org	Mike Cook T: 802-291-0911 mcook@arcmech.com
Dick Wilcox T: 802-655-8805 dwilcox@vhv.com	Thomas Dacres, Jr., LEED AP BD+C 802- 655-8805 x 152 tomd@vhv.com

2013-2014 CHAPTER OFFICERS

President	Nathan Mascolino, PE, LEED AP 802-861-6148 nathanm@vhv.com
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