



**REGION 2
CRC 2016 MINUTES**

MONCTON, NEW BRUNSWICK, CANADA

at

**DELTA BEAUSEJOUR HOTEL
750 MAIN STREET
MONCTON
NEW BRUNSWICK, CANADA**

Friday August 26, 2016 to Sunday August 28, 2016

Host: NB/PEI Chapter #117

MINUTES APPROVED
At CRC 2017 Montreal
Fri Aug 25/2017

Action Items from the CRC 2016

Action Item	Description	Owner	Timeline
1	Regional newsletter to be prepared (approx 3 to 3 per year) to improve communication to chapters.	ARC Ibrahim Semhat	Ongoing
2	Regional manual to be completed and posted to web site.		Completed
3	A Regional speakers list to be prepared and added to Regional web site.	RVC CTTC Daniel Robert	
4	Regional Manual of Operations to have added RVC visit responsibilities (who arranges and pays for travel, hotel, meals)		
5	new stationery letterhead for ASHRAE Research Canada [ARC] incorporating the new ASHRAE logo and name of the Corporation.	Daryl Boyce to check into creation of letterhead	

ORIENTATION SESSION – Friday Aug 26, 2016 8:35am

The following attended the Orientation Session

CHAPTER	DELEGATE	ALTERNATE
#100 Halifax	Chris Theriault	Conan Baker
#117 NB/PEI	Sharlene Innes	Robert Hoadley
#013 La Ville de Quebec	Xavier Dion Ouellet	Dave Bouchard
#014 Montreal	Samuel Lavoie	Simon Khaled
#015 Ottawa Valley	Abbey Saunders	Daniel Redmond
#016 Toronto	Marco Ottavino	Peter Turk
#027 Hamilton	Frank Mesicek	Iain Hill
#116 London Canada	Khalid El-Kadri	Phil Cook
#141 Windsor	Paul Greff	Nathen Cook

Name	CHAPTER or SOCIETY	POSITION
Ginger Scoggins	Society	Society VP
Sheila Hayter	Society	Society Treasure
Joyce Abrams	Society	Society Staff
Doug Cochrane	Toronto	DRC
Ibrahim Semhat	London Canada	ARC
Isabelle Lavoie	Montreal	RMCR
Darryl Boyce	Ottawa	ASHRAE Research Canada
David Underwood	Toronto	Society Pres member
Dan Boudreau	NB/PEI	2016 CRC Chair
Garry Waselynychuk	NB/PEI	2016 CRC Vice-Chair
Tom Pollard	London Canada	CRC Secretary
Guy Perreault	Quebec	Nominating
Nicolas Lemire	Montreal	Nominating Alternate
Anthony Jonkov	Montreal	RVC RP
Daniel Robert	Montreal	RVC CTTC
Ben Oliver	London	RVC SA
Ronald Gagnon	Montreal	RVC GGA
Audrey Dupuis	Montreal	RVC YEA
Mark Lawrence	Halifax	RVC MP
John Willden	NB/PEI	SA
Alan Porter	Toronto	RP Chair
Steve Clayman	Toronto	GGA Chair
Adam Moher	Windsor	

Abhishek Khurana	Toronto	CTTC
Kevin Clannon	NB/PEI	Historian
Reaz Usmanali	Hamilton	MP Co-Chair
Beatriz Salazar	Toronto	

Doug Cochrane, DRC, welcomed everyone to Moncton and the 58th ASHRAE Region 2 Orientation Session at 8:35am on Fri Aug 26, 2016.

Doug welcomed the Society staff and that this might be the first CRC with 3 women from Society in attendance.

Doug thanked those in attendance for giving up their time for the CRC and ASHRAE. Doug asked that everyone be on time, in seats, and functional for each of the CRC sessions.

Doug Cochrane, DRC, then reviewed the voting process - Delegates to vote on any motions with Alternate filling in if required so that each chapter gets one vote.

Doug then ask that each of those in attendance then introduced themselves, their position, and one or 2 things that others might not know about themselves (each in attendance then introduced themselves).

Doug then asked to appoint Tom Pollard as the CRC Secretary - Moved by: NB/PEI-Sharlene Innes, 2nd by: Montreal-Samuel Lavoie - approved by all Delegates (9/0/0).

Doug reviewed and approved the CRC Agenda – the Honors and Awards put into Nominating 1st session, the CRC 2017 Budget to be presented on Sunday - approved by all Delegates (9/0/0). Doug advised everyone to attend all the business sessions and then to complete the travel vouchers if required to get reimbursed.

{refer to Appendix A – CRC 2016 Agenda}

Next Doug reviewed the roll-off dates for Regional and Society positions to ensure these are spread out over 3 years. Doug explained that the GGA term will be adjusted to 3-year term (to 2018). The other RVC positions do not require any changes to their current terms. If a RVC position requires a temporary fill-in person, then this would only be required to the end of the term to keep the same number of new positions that are needed to be replaced each year.

Rolling off in June = Membership Promotion, Research Promotion, YRC
That need to be filled in nominating

Honours & Awards also important to review. Past Chapter Presidents typically have enough points and Delegates need to ensure the member bios are updated and that they apply. Also, Regional Award of Merit should be reviewed and applied.

Doug Cochrane, DRC, then called on Dan Boudreau for an update on CRC events and activities. Dan reviewed the agenda and indicated that there is a Technical Tour on Fri afternoon along with a sight seeing tour – need to ensure those attending get on the correct bus. A Welcome Party is nearby along with Dinner Boot Cruise on Saturday.

Dan indicated silent auction items are on display.

Doug Cochrane, DRC, then called on Darryl Boyce to discuss ASHREA Research Canada.

Darryl Boyce indicated that ASHRAE Research Canada has the annual meeting at the CRC with the Delegates voting on any items. Darryl Boyce had a package given out to the Delegates. ASHRAE Research Canada established in 1972 to allow for company contributions to be conserved as a deduction for tax purposes.

Doug Cochrane, DRC, then asked to adjourned to allow the Caucus Session for Delegates and Alternates to begin (the Caucus group remained in the main meeting room with the Regional meeting in the adjoining room).

THE ORIENTATION SESSION THEN ADJOURNED AT 9:20AM

TO ALLOW FOR THE FIRST CAUCUS SESSION.

MINUTES OF THE REGION 2 PLANNING MEETING – Friday Aug 25, 2016 9:40am

Attended by DRC, ARC, RVC's

RVC visit schedule reviewed. Each RVC to try to visit each chapter during their 3 year term. Additional visits suggested to Windsor who has lower members, a 2nd year President and will be hosting CRC in 2018.

Award presentations to prepared and winners given to Ibrahim Semhat so that slides can be viewed and updated before the luncheon. Ibrahim Semhat will show award on screen and describe each. The RVC can then add more information and present the award if they are in attendance. Society people will be asked to hand out the some PAOE Awards.

Toronto may have the Society annual meeting in 2022 which is also the year for hosting Region 2 CRC. Toronto may ask London to switch so that both do not occur in the same year.

Regional Web site to ensure that regional award winners are also listed.

Society also has created an Chapter Opportunity Fund with a total of \$9750 allowed for Region 2. Fund to be used to allow for above and beyond what typically would be done by a chapter. The Windsor and Ottawa chapters have submitted so far.

WORKING LUNCH – Friday Aug 26, 2016 12:00pm

The 2016-17 Presidential Theme: Adapt Today to Shape Tomorrow

MINUTES OF THE FIRST BUSINESS SESSION – Friday Aug 25, 2016 1:15pm

The following attended the 1st Business Session

CHAPTER	DELEGATE	ALTERNATE
#100 Halifax	Chris Theriault	Conan Baker
#117 NB/PEI	Sharlene Innes	Robert Hoadley
#013 La Ville de Quebec	Xavier Dion Ouellet	Dave Bouchard
#014 Montreal	Samuel Lavoie	Simon Khaled
#015 Ottawa Valley	Abbey Saunders	Daniel Redmond
#016 Toronto	Marco Ottavino	Peter Turk
#027 Hamilton	Frank Mesicek	Iain Hill
#116 London Canada	Khalid El-Kadri	Phil Cook
#141 Windsor	Paul Greff	Nathen Cook

Name	CHAPTER or SOCIETY	POSITION
Ginger Scoggins	Society	Society VP
Sheila Hayter	Society	Society Treasure
Joyce Abrams	Society	Society Staff

Doug Cochrane	Toronto	DRC
Ibrahim Semhat	London Canada	ARC
Isabelle Lavoie	Montreal	RMCR
Darryl Boyce	Ottawa	ASHRAE Research Canada
David Underwood	Toronto	Society Pres member
Dan Boudreau	NB/PEI	2016 CRC Chair
Garry Waselynychuk	NB/PEI	2016 CRC Vice-Chair
Tom Pollard	London Canada	CRC Secretary
Guy Perreault	Quebec	Nominating
Nicolas Lemire	Montreal	Nominating Alternate
Anthony Jonkov	Montreal	RVC RP
Daniel Robert	Montreal	RVC CTTC
Ben Oliver	London	RVC SA
Ronald Gagnon	Montreal	RVC GGA
Audrey Dupuis	Montreal	RVC YEA
Mark Lawrence	Halifax	RVC MP
Alan Porter	Toronto	RP Chair
Steve Clayman	Toronto	GGA Chair
Tim McGinn	Southern Alberta	Guest Speaker
Vitaly Galdobin	Toronto	YEA
David Rasmussen	Hamilton	History Chair
Dan Castallon	Windsor	GGA
James Smith	Windsor	MP & 2018 CRC Chair
Adam Meeker	Windsor	Secretary

Doug Cochrane, DRC, opened the 1st Business Session at 1:15pm on Fri Aug 26, 2016 by welcoming back everyone.

Doug asked that new guest introduce themselves.

APPROVAL OF 2015 CRC MINUTES

Doug Cochrane, DRC, called for **Motion** for approval of the minutes from 2015 CRC held by the Hamilton Chapter. Moved by Hamilton Frank Mesicek -, 2nd by NB/PEI- Sharlene Innes. All voted in favour of the motion and the 2015 CRC Minutes were **Approved** (9/0/0)

STATUS OF PAST SOCIETY MOTIONS

Doug Cochrane, DRC, called on Isabelle Lavoie, RMCR for a reported on the status of motions that have been forwarded to Society

{refer to Appendix B – Previous Motion Summary}

Isabelle Lavoie, RMCR then presented the draft motions that had been prepared so far so that the Delegates could be aware, review and discuss later in the CRC. Isabelle asked that any new additional motions be prepared and forwarded so that they

will be ready for the Sunday Business Session.

SOCIETY OFFICER REPORT

Doug Cochrane, DRC, called on Ginger Scoggins, Society VP for the Society Officer Report.

{refer to Appendix I – Society Report}

Ginger Scoggins then presented on general Society activity and events. ASHRAE has approx. +56,100 members with 79% in US & Canada. The largest increase in membership has been overseas. A new Connect a Colleague allows anyone to send an email invitation to a possible new member.

ASHRAE Research reached a new level at \$2,570,000 which is 2% increase from last year.

ASHRAE Scholarships awarded +\$152,000 and need to ensure that applications are submitted as the committee sometimes can not award all the amount. There is also new Presidential Scholarships available.

Society is in its 3rd year of the Strategic Plan - Connect, Educate, Extend, and Adapt.

ASHRAE has been working to update the Building Energy Quotient (BEQ) program and update to Indoor Air Quality (IAQ). Several publications have been updated and standards are continuous maintenance.

Certification and Training sessions have expanded and ongoing.

ASHRAE Handbook updates are now using a web site to revisions and collaboration.

ASHRAE has been using social media, ASHREAxCHANGE web site, Basecamp.

A mega CRC for a joint conference with Region 13 and Region At Large is happen in Bangkok, Thailand along with the fall Society Board meeting.

ASHRAE conferences, meeting information and dates are also available on the Society web site.

SOCIETY STAFF REPORT

Doug Cochrane, DRC, called on Joyce Abrams, Society Staff for the Staff Report.

{refer to Appendix J – Staff Report}

Joyce Abrams then explained that Society Staff are there to assist all members. Please ask any questions. Society staff contact information is available on the web site with phone numbers and email addresses. If unsure as to who to direct an inquiry, just ask and it will be forwarded to the correct person. If unsure, just send to Joyce and she will ensure that it gets directed to the correct person.

Joyce Abrams also indicated information is available on “How to get involved in ASHRAE” by joining a technical committee, a handbook group. Just need to know that a member is interested to get involved.

Joyce Abrams invited those that might be in Atlanta to let them know and they can arrange access and a tour of Society headquarters.

Doug Cochrane, DRC, indicated that attendees to the Society conference in Las Vegas can apply to become a room monitor for a morning or afternoon of work and this gets them free registration and access to the other sessions.

CHAPTER REPORTS

Doug Cochrane, DRC, called upon each chapter delegate for their reports and highlights of the past year activities.

{refer to Appendix C – Chapter Reports}

#100 Halifax - Chris Theriault
#117 NB/PEI - Sharlene Innes
#013 La Ville de Quebec - Xavier Dion Ouellet
#014 Montreal - Samuel Lavoie
#015 Ottawa Valley - Abbey Saunders
#016 Toronto - Marco Ottavino
#027 Hamilton - Frank Mesicek
#116 London Canada- Khalid El-Kadri
#141 Windsor - Paul Greff

A 15-minute break occurred in the middle of the afternoon during the chapter presentations.
The remainder of the chapter reports continued after the break.

BASECAMP

Doug Cochrane, DRC, then indicated that all should have received an invitation to join Basecamp. Recently Region 2 just updated to Version 3. Basecamp allows discussions, message boards, sharing of files, chat, to-do lists, calendars. Some CRC information has already been uploaded.

CHAPTER OPPORTUNITY FUND

Doug Cochrane, DRC, then explained the new Chapter Opportunity Fund. Region 2 has \$9,750USD available (\$12,395CAN) that can be used for new activities by the chapters. Applications need to be submitted and approved so that Doug can forward to Society. Funds can be used by a Member, a Chapter, or the Region. Delegates should have received a separate package with information and some ideas on how the money could be used.

Submissions are due by Sept 30/2016. Then the Region 2 Team will decide on how to allocate the funds. Applications to indicated how money could be used and the amount requested.

REGIONAL VICE-CHAIR (RVC) REPORTS

Doug Cochrane, DRC, then started the RVC reports and highlight the year activities as a region.
{refer to Appendix D – RVC Reports}

Grassroots Government Activities (GGA) - Ronald Gagnon
Research Promotion (RP) - Anthony Jonkov

{remained of RVC reports completed on Saturday morning }

THE 1st BUSINESS SESSION ADJOURNED AT 5:15PM ON FRI AUG 26, 2016

**EVENING EVENTS
WELCOME PARTY
HOSPITALITY SUITE**

MINUTES OF THE SECOND BUSINESS SESSION – Saturday Aug 27, 2016 8:30am

The following attended the 2nd Business Session

CHAPTER	DELEGATE	ALTERNATE
#100 Halifax	Chris Theriault	Conan Baker
#117 NB/PEI	Sharlene Innes	Robert Hoadley
#013 La Ville de Quebec	Xavier Dion Ouellet	Dave Bouchard
#014 Montreal	Samuel Lavoie	Simon Khaled
#015 Ottawa Valley	Abbey Saunders	Daniel Redmond
#016 Toronto	Marco Ottavino	Peter Turk
#027 Hamilton	Frank Mesicek	Iain Hill
#116 London Canada	Khalid El-Kadri	Phil Cook
#141 Windsor	Paul Greff	Nathen Cook

Name	CHAPTER or SOCIETY	POSITION
Ginger Scoggins	Society	Society VP
Sheila Hayter	Society	Society Treasure
Joyce Abrams	Society	Society Staff
Doug Cochrane	Toronto	DRC
Ibrahim Semhat	London Canada	ARC
Isabelle Lavoie	Montreal	RMCR
Darryl Boyce	Ottawa	ASHRAE Research Canada
David Underwood	Toronto	Society Pres member
Dan Boudreau	NB/PEI	2016 CRC Chair
Garry Waselynychuk	NB/PEI	2016 CRC Vice-Chair
Tom Pollard	London Canada	CRC Secretary
Guy Perreault	Quebec	Nominating
Nicolas Lemire	Montreal	Nominating Alternate
Anthony Jonkov	Montreal	RVC RP
Daniel Robert	Montreal	RVC CTTC
Ben Oliver	London	RVC SA
Ronald Gagnon	Montreal	RVC GGA
Audrey Dupuis	Montreal	RVC YEA
Mark Lawrence	Halifax	RVC MP
Alan Porter	Toronto	RP Chair
Steve Clayman	Toronto	GGA Chair
David Rasmussen	Hamilton	History Chair
James Smith	Windsor	MP & 2018 CRC Chair

Adam Meeker	Windsor	Secretary
Aaron Smith	Halifax	RP
James Scudamore	London	GGA/Secretary
Marc Rossignol	Halifax	YEA Chair
Maxime Boivin	Quebec	Newsletter
Guillaume Cormier	Quebec	SA
Andrea Daigle	Quebec	Historian
Sylvain-Pierre Crete	Quebec	YEA
Robyn Ellis	Hamilton	GGA
Matthew Peachman	NB/PEI	CTTC
Sonia Pournazari	Montreal	YEA
Jean Bundock	Quebec	GGA
Jonathan Vigneault	Quebec	RP
Sean Teizeira	Montreal	CTTC/SA
Mustafu Morsy	Hamilton	CTTC
Reaz Usmanali	Hamilton	MP

Doug Cochrane, DRC, opened the 2nd Business Session at 8:34am on Sat Aug 27, 2016.

Doug called on new guests to introduce themselves.

Doug then asked Dan Boudreau, 2016 CRC Chair, for an update on the day's activities. Dan reviewed the agenda and meeting rooms that will be used for the workshops. Dan also indicated that silent auction items have been setup for bids.

REGIONAL VICE-CHAIR (RVC) REPORTS (continued)

Doug Cochrane, DRC, then continued the RVC reports with highlights of the year activities as a region.

{refer to Appendix D – RVC Reports}

{continuation of RVC reports that had started on Friday afternoon}

History - Tom Pollard (for Rod Potter who was last years chair)
Young Engineers In ASHRAE (YRC/YEA) - Audrey Dupuis
Student Activities (SA) - Ben Oliver
Membership Promotion (MP) - Mark Lawrence
Chapter Technical Transfer (CTTC) - Daniel Robert

REGIONAL STATISTICS

Doug Cochrane, DRC, called upon Ibrahim Semhat, ARC, to show the Region 2 Chapter Statistics Table prepared from the chapter reports.

{refer to Appendix C - Chapter Reports table}

The chapter dues paying members are used in the calculation for the chapter region fund dues. The total of 1748 chapter dues paying members will be used for the Regional Fund and for CRC 2017 Montreal.

New members and new students has increase from the past year. Delinquents show at the end of the summer and need to be

followed up over the next few weeks. Joyce Abrams, Society Staff indicated that approx. 40% of members are still with the June renewal date.

Each chapter is also required to have an audit/review of the chapter funds at the end of each year (June).

Distinguished Lecturers used by Region 2 totaled 14 for the past year including some combined visits. Chapters should combine and ensure that the DL's are used for the upcoming year.

REGIONAL MANUAL OF CHAPTER OPERATIONS

Doug Cochrane, DRC, called upon Isabelle Lavoie, RMCR to provide an update on the Regional Manual of Operations. A version will be posted to Basecamp.

Isabelle indicated that a section to be developed would be for who is responsible for RVC visits (hotel, transportation, meals) and to assist the chapter when a regional officer visits. Visits should also include employers, schools, local officials. Chapters need to ensure that their RVC visits are worthwhile and to plan with their meeting topics.

Everyone should have received an invitation to Basecamp3.

THE 2nd BUSINESS SESSION ADJOURNED AT 9:40AM ON SAT AUG 27, 2016.

**THE REMAINDER OF THE MORNING AND AFTERNOON
CONSISTED OF WORKSHOPS**

**LUNCH AND AWARDS PRESENTATIONS
SAT AUG 27, 2016 – 11:30AM TO 1:30PM
*{refer to Appendix F – for Awards}***

MINUTES OF THE THIRD BUSINESS SESSION – Sunday Aug 28, 2016 8:30am

The following attended the 3rd Business Session

CHAPTER	DELEGATE	ALTERNATE
#100 Halifax	Chris Theriault	Conan Baker
#117 NB/PEI	Sharlene Innes	Robert Hoadley
#013 La Ville de Quebec	Xavier Dion Ouellet	Dave Bouchard
#014 Montreal	Samuel Lavoie	Simon Khaled
#015 Ottawa Valley	Abbey Saunders	Daniel Redmond
#016 Toronto	Marco Ottavino	Peter Turk
#027 Hamilton	Frank Mesicek	Iain Hill
#116 London Canada	Khalid El-Kadri	Phil Cook
#141 Windsor	Paul Greff	Nathen Cook

Name	CHAPTER or SOCIETY	POSITION
-------------	---------------------------	-----------------

Ginger Scoggins	Society	Society VP
Sheila Hayter	Society	Society Treasure
Joyce Abrams	Society	Society Staff
Doug Cochrane	Toronto	DRC
Ibrahim Semhat	London Canada	ARC
Isabelle Lavoie	Montreal	RMCR
Darryl Boyce	Ottawa	ASHRAE Research Canada
David Underwood	Toronto	Society Pres member
Dan Boudreau	NB/PEI	2016 CRC Chair
Garry Waselynychuk	NB/PEI	2016 CRC Vice-Chair
Tom Pollard	London Canada	CRC Secretary
Guy Perreault	Quebec	Nominating
Nicolas Lemire	Montreal	Nominating Alternate
Anthony Jonkov	Montreal	RVC RP
Daniel Robert	Montreal	RVC CTTC
Ben Oliver	London	RVC SA
Ronald Gagnon	Montreal	RVC GGA
Audrey Dupuis	Montreal	RVC YEA
Mark Lawrence	Halifax	RVC MP
Alan Porter	Toronto	RP Chair
Steve Clayman	Toronto	GGA Chair
David Rasmussen	Hamilton	History Chair
James Smith	Windsor	MP & 2018 CRC Chair
Adam Meeker	Windsor	Secretary
Aaron Smith	Halifax	RP
Marc Rossignol	Halifax	YEA Chair
Andrea Daigle	Quebec	Historian
Sylvain-Pierre Crete	Quebec	YEA
Robyn Ellis	Hamilton	GGA
Matthew Peachman	NB/PEI	CTTC
Jean Bundock	Quebec	GGA
Mustafu Morsy	Hamilton	CTTC
Reaz Usmanali	Hamilton	MP
Sonia Pournazari	Montreal	
Alexis Gagnow	Quebec	Webmaster

Doug Cochrane, DRC, opened the 3rd Business Session at 8:30am on Sun Aug 28, 2016.

Doug welcomed everyone back and called on new guests to introduce themselves.

Doug called for the presentations of the Saturday Workshop Reports.

WORKSHOP REPORTS

CHAPTER TECHNICAL TRANSFER (CTTC) WORKSHOP REPORT

8 out of 9 chapters in attendance with 7 chairs

Input was provided by each chapter and assisted to get the chairs up to speed faster. A list of local speakers needs to be updated. Shared ideas between new and old chairs.

STUDENT ACTIVITIES (SA) WORKSHOP REPORT

8 out of 9 chapters in attendance with 8 chairs

Past and new chairs discussed what they did over the past year, what is planned and what worked and did not work.

GRASSROOTS (GGA) WORKSHOP REPORT

7 out of 9 chapters in attendance with 7 chairs with a few visitors

Government level ideas discussed. Important to network and keep updated with regulations.

RESEARCH PROMOTION (RP) WORKSHOP REPORT -

6 out of 9 chapters in attendance with 5 chairs

Centralized training with 4 attending on July with remainder planned to attend in Sept. The workshop at CRC also helps to tie everything together (3 chairs attended centralized training and the workshop). Chapters typically have a golf tournament which raised funds for the chapter and research. RP goals have been set by the chapters.

YOUNG ENGINEERS IN ASHRAE (YEA) WORKSHOP REPORT -

6 out of 9 chapters in attendance with 6 chairs (total of 7 in attendance)

The PAOE reporting system and requirements reviewed. Discussed need to target students before end of school. Need to get local chapter members engaged.

MEMBERSHIP PROMOTION (MP) WORKSHOP REPORT -

8 out of 9 chapters in attendance with 6 chairs (total of 11 in attendance)

A sharing and brain storming session on ideas about getting new members and retaining existing members. Chairs prepared and submitted their goals. Planned to have some conference calls during the year to follow-up and discuss status.

HISTORICAL WORKSHOP REPORT

6 out of 9 chapters in attendance with 2 chairs plus others (newsletter) (total of 6 in attendance)

Reviewed awards and how to apply. Reviewed PAOE requirements and how to achieve. Each chapter should have a history night and could be with Past Presidents, Life Members, Fellows who all have history and will share some of their background and stories. Capture photos and scan items to post on the web sites. Almost everyone now has a cell phone with a camera. Discussed what can be archived – everything! Chapter historical displays are also set up in the hospitality suite.

CHAPTER OPERATION WORKSHOP REPORT

9 out of 9 chapters in attendance (total of 21 in attendance)

Interaction session to review chapter functions and how to organize meetings. Some items included as a summary from the Manual of Chapter Operations.

NOMINATING REPORT

Doug Cochrane, DRC, called on Guy Perreault, Nominating and Nicolas Lemire, Nominating Alternate on the report from the Caucus Sessions.

Guy reported that the positions had been completed. Everyone came prepared to the meetings and the summer planning session assisted in having candidate names brought forwarded.

The new Nominating Member and Alternate are:

Nicolas Lemire - Nominating Member
Isabelle Lavoie - Nominating Alternate
Guy Perreault - Nominating Reserve Alternate

Guy reported that several additional member names had been brought forwarded for Chapter and Regional Awards. Need to have Member's bio's updated to be considered for awards.

REGIONAL FINANCES – CRC 2015 Hamilton

Doug Cochrane, DRC, called on host chapter (NB/PEI) to review the past chapter's crc (Hamilton).

{refer to Appendix G – CRC 2015 Financial - Hamilton}

Doug called on NB/PEI - Sharlene Innes, Delegate.

Sharlene indicated that the CRC 2015 summary statements of the CRC that was reviewed. David Rasmussen, CRC 2015 Chair added that the company sponsors helped cover the additional costs of the events at the Tiger Field as it was more then expected. The profit from the CRC is shared between the chapter and the regional.

Motion: to accept the CRC 2015 Hamilton CRC Statements

Moved by NB/PEI - Sharlene Innes, 2nd by Halifax - Chris Theriault - **Approved** by all Delegates (9/0/0)

REGIONAL FUND – REGION STATEMENTS

Doug Cochrane, DRC, then presented that the Regional Fund Reports for 2015-2016

{refer to Appendix H – Regional Fund}

Doug then indicated that RVC visits has not been fully used. Regional fund received money from the chapters based on chapter dues paying members.

The new RMCR positions will increase expenses for their attendance at winter and summer Society meetings. CRC expenses and sharing of profit has been included. Past CRC at London and Hamilton have helped to increase the Regional fund.

Motion: to accept the Regional Fund 2015-2016 Statements

Moved by NB/PEI - Sharlene Innes, 2nd by Windsor - Paul Greff - **Approved** by all Delegates (9/0/0)

Doug Cochrane, DRC, then presented that the Regional Fund Budget for 2016-2017

Doug explained that there is an issue with moving the bank account from Quebec to Ontario. The Region needs to be registered in Ontario for this to occur (approx. \$1250 one time expense).

Doug indicated that approval of final budget approval would be delayed with transfer of bank account and required expenses.

Doug deferred the approval of the Region Budget to allow for further discussion of RVC expenses and what is covered.

CRC 2017 BUDGET

Doug Cochrane, DRC, then asked Isabelle Lavoie, CRC 2017 Chair to present the budget for next years CRC in Montreal.

{refer to Appendix E – CRC2017 Budget - Montreal}

Isabelle indicated the forward of the 2017 CRC would be the same as previous with start on Fri morning, continuing Sat and finishing on Sunday at noon. The awards would be resented on Friday evening due to the venue.

The CRC registration costs are proposed at \$450-Full, \$350-Partial, \$250-Companion. Hotel room rate is \$159/night with parking at \$15/night. The block of rooms will be held until June 30. Registration will open on April 1.

Motion: to accept the Regional Fund 2015-2016 Statements

Moved by Windsor - Paul Greff, 2nd by NB/PEI - Sharlene Innes - **Approved** by all Delegates (9/0/0)

SILENT AUCTION

Doug Cochrane, DRC, then asked Dan Boudreau - 2016 CRC Chair to report on the silent auction. Each chapter was asked to bring some items for the silent auction.

Dan reported that \$1390 had been raised. NB/PEI will use the funds as part of their research promotion goal. Those that had bid and won items then to see Dan to arrange payment.

Doug Cochrane, DRC, then called for a short break before the motions are discussed

{a 10-minute break was taken at this time before the business session resumed}

2016 SOCIETY AND REGIONAL MOTIONS

Doug Cochrane, DRC, reconvened the business session. Doug called on Isabelle Lavoie to present and read the motions that had been prepared by the Delegates (the order that motions were discussed has been revised to group Society and Regional motions together in the following summary information):

S=Society Motion, R=Regional Motion

2016 Motion #	STATUS For/Against/Abstain	MOTION
2016-S-1	Passed 8*/0/1	That Society automatically convert and credit ASHRAE Canadian Member's RP donations made online to Canadian dollars, or allow online donations to be made in Canadian dollars.
2016-S-2	Passed 8*/0/1	To modify the "YEA Members" Chapter Report in order to have three separate columns on the Excel spreadsheet for "First name", "Last name" and "Prefix".
2016-S-3	Passed 8*/0/1	To add 100 PAOE points for each chapter officer or board of governors member who is a woman, with a maximum of 300 points.
2016-S-4	Passed 8*/0/1	That Society provide an additional title in the dropdown menu to assign committee members while completing the Chapter Information Questionnaire (CIQ). We move that all committees listed on the Chapter Service Award Tally Form (MP, RP, SA, YEA, GGAC and CTTC) have the position of "committee member" added to the dropdown options.
2016-R-1	Passed 8*/0/1	That Region 2 present an annual award at the CRC to a Chapter Membership Promotion Chair who has demonstrated exceptional overall performance as determined by the Regional Vice Chair for Membership Promotion.
2016-R-2	Passed 8*/0/1	The creation and facilitation of a non-profit association be set up in Ontario. The association being set up will have Federal capacity in Canada on behalf of Region 2, so we do not have to facilitate this again in future.
	Withdrawn	That the Society BOD approve new stationery letterhead for ASHRAE Research Canada [ARC] incorporating the new ASHRAE logo and name of the Corporation.

*some chapters not present when voting occurred

2016 SOCIETY AND REGIONAL MOTION DETAILS

Society Motion: 2016-S-1

Moved By: London Canada Chapter 2nd By: Montreal Chapter

Moved by: **That Society automatically convert and credit ASHRAE Canadian Member's RP donations made online to Canadian dollars, or allow online donations to be made in Canadian dollars.**

Background: Online RP donations can only be made in USD. A pop-up informs donors to convert their intended Canadian dollar amount to the US dollar equivalent before submitting their donation in US dollars. However, when credit for RP Donations is given to the donor, it is in US dollars. ASHRAE already has a Canadian bank account with the CIBC bank that could be used. Research dollars raised in Canada are 100% used to fund research projects in Canada. When the donation is made by check it is counted in Canadian dollars already. It is the credit cards and online donations that cause the problem.

This has two effects:

- 1- The Chapter receives the reduced credit of the US dollar amount towards their RP goal.
- 2- The donor receives the reduced credit, this could cause the donor to be lowered out of honor roll level or other RP donation tiers.

Fiscal Impact: \$2000 (estimated for time involved in software update and staff time)

Vote Count: **PASSED** For: 8* Against: 0 Abstained: 2 (* Quebec chapter not present)

Society Motion: 2016-S-2

Moved By: Montreal Chapter 2nd By: Halifax Chapter

Motion: **To modify the “YEA Members” Chapter Report in order to have three separate columns on the Excel spreadsheet for “First name”, “Last name” and “Prefix”.**

Background Information: The current format makes it harder for the chapters to export the YEA members list in an easily usable fashion. Also, for the French speaking chapters, the initial needs to be changed from “Mr” to “M.”, so having separate columns would help in that regard.

Fiscal Impact: Staff time

Vote Count: **PASSED** For: 8* Against: 0 Abstained: 2 (* Quebec chapter not present)

Society Motion: 2016-S-3

Moved By: Montreal Chapter 2nd By: Ottawa Chapter

Motion: **To add 100 PAOE points for each chapter officer or board of governors member who is a woman, with a maximum of 300 points.**

Background Information: The objective is to promote gender diversity across chapter boards. ASHRAE had an ad hoc committee for Women in ASHRAE and they held women breakfasts at the Society meetings. This would be a logical step towards continuing to encourage women involvement in ASHRAE, especially at the chapter level.

Fiscal Impact: none

Vote Count: **PASSED** For: 8* Against: 0 Abstained: 1 (* Quebec chapter not present)

Society Motion: 2016-S-4

Moved By: Ottawa Valley Chapter 2nd By: Montreal Chapter

Motion: **That Society provide an additional title in the dropdown menu to assign committee members while completing the Chapter Information Questionnaire (CIQ). We move that all committees listed on the Chapter Service Award Tally Form (MP, RP, SA, YEA, GGAC and CTTC) have the position of “committee member” added to the dropdown options.**

Background Information: Currently the CIQ dropdown menu includes a list of available positions including chair and co-chair for typical chapter operation committees (MP, RP, SA, YEA and CTTC, GGAC). In addition, it is currently the responsibility of members to keep their ASHRAE bio up-to-date. Maintaining an up-to-date ASHRAE bio is often onerous and problematic as the system crashes and does not save all data frequently.

In many cases, committee chairs have multiple committee members that assist in performing the various required tasks. These members should be recognized for volunteering on these committees and this information should automatically appear on their ASHRAE bio. Not having this information automatically appear on the member's ASHRAE bio makes the review of potential candidates such as the Chapter Service Awards more difficult.

Fiscal Impact: Staff Time

Vote Count: **PASSED** For: 8* Against: 0 Abstained: 1 (* Quebec chapter not present)

Region 2 Motion: 2016-R-1

Moved By: Halifax Chapter 2nd By: NB/PEI Chapter

Motion: **That Region 2 present an annual award at the CRC to a Chapter Membership Promotion Chair who has demonstrated exceptional overall performance as determined by the Regional Vice Chair for Membership**

Promotion.

Background: Recognition for ASHRAE volunteers is important. Membership Promotion Chairs are currently recognized by the Society through the presentation of Blue, Red, and Green Ribbons, for recognition of specific MP goal performance. Having an award by the Region would provide an opportunity to recognize an individual who has had overall exceptional performance. Currently seven of thirteen regions also have regional awards. Currently, Region 2 presents other such awards for RP, SA, CTTC, and YEA chairs' exceptional performance.

Fiscal Impact: Maximum of \$50 annually for the purchase of the award.

Vote Count: **PASSED** For: 8* Against: 0 Abstained: 2 (* Quebec chapter not present)

Region 2 Motion: 2016-R-2

Moved By: Toronto Chapter 2nd By: Montreal Chapter

Motion: **The creation and facilitation of a non-profit association be set up in Ontario. The association being set up will have Federal capacity in Canada on behalf of Region 2, so we do not have to facilitate this again in future.**

Background Information: Presently, the Regional 2 Treasurer can't open a bank account in Ontario due to banking rules. Therefore we are not able to conduct Region 2 business from Ontario. We therefore can't transfer the Regional funds (approx. \$30K) from Quebec to Ontario. David Benedetti, Region 2 Treasurer, has investigated on Region 2's behalf on what we need to approve. David would like to be allowed to contract a company called Ontario Business Central to facilitate the opening of our new non-profit association in Ontario. Detailed info provided at Region 2 meeting in Montreal. This association set up will be a federal association so we do not have to facilitate this again in future for other future Region 2 treasurers. Once this is approved the new name of our association will need to be chosen. Please refer to the info provided in Montreal as the name needs to be created a specific way. Once this is facilitated, David can then go to bank and open an account.

Fiscal Impact: Approximately \$1000.00 CDN - Motion is for a not to exceed \$1000.00 CDN to facilitate the new nonprofit association.

Vote Count: **PASSED** For: 8* Against: 0 Abstained: 1 (* Quebec chapter not present)

Motion: WITHDRAWN

Moved By: Hamilton Chapter 2nd By: Windsor Chapter

Motion: **That the Society BOD approve new stationery letterhead for ASHRAE Research Canada [ARC] incorporating the new ASHRAE logo and name of the Corporation.**

Background: 1. Recent correspondence from HQ in Atlanta Aug 24/2016 recommended that a motion approved by the Region 2 CRC Delegates would be needed to get new letterhead.

2. Until the recent upgrade to the ASHRAE logo and letterhead, ASHRAE Research Canada had their own distinctive letterhead that ASHRAE members could use in their RP campaign to show that all the money collected would be invested in Canada in ASHRAE's research program.

3. Note! The word invested should be used in all Canadian solicitations [and used in all RP Centralized training] to eliminate any interpretation that the investments/contributions are donations to a registered charity which ARC is not.

Mistakes have actually happened in Canada. 4. This distinctive ARC letterhead could also state in small font that Canadian RP investments are a business expense that can be used in a Tax Return

Fiscal Impact: Cost to create a letterhead

Vote Count: **WITHDRAWN** For: 8* Against: 0 Abstained: 1 (* Quebec chapter not present)

Supplemental: changed to an action item with E-mail will be sent to Daryl Boyce from ARC to make the request for this change as may not require Board approval for a letterhead to be created.

END OF MOTIONS

Doug Cochrane, DRC, called upon Ginger Scoggins, Society VP as she had to leave early for flight.

Ginger thanks everyone for the contributions and assistance in helping ASHRAE operate. The CRC was very well run.

REGIONAL FUND – REGION STATEMENTS

Doug Cochrane, DRC, then returned to the Regional Budget 2016-2017 discussion.

{refer to Appendix H – Regional Fund Budget}

The chapter member numbers and budget numbers has been updated. Discussions involved amounts to be allowed for RVC, YEA and the Leaders program requirements. The allocation of RVC expenses from Region 2 funds for Society meetings was to help offset the costs for attending but may not cover all costs. It is expected that the RVC will arrange to have other costs covered by their chapter, employer or by themselves.

2016-2017 REGIONAL OFFICERS VISITS

Doug Cochrane, DRC, then presented a preliminary table with proposed visits by RVC's to the Chapters. Society allows the DRC to assign visits and Doug will review, update and advise the chapters. The RVC's can then schedule visits with the chapters at a suitable meeting date. RVC should also have an official visit to their home chapter.

Region 2 has 18 visits permitted by Society each year. The summer planning meeting uses 8 and therefore 10 are allocated for RVC chapter visits.

UPCOMING CRC DATES AND LOCATIONS

Aug 25 to 27, 2017 - Montreal, QC - Chair: Isabelle Lavoie

Aug 24 to 26, 2018 - Windsor, ON - Chair: James Smith

Aug 2019 - Halifax, NS

Aug 2020 - Quebec, QC

Aug 2021 - Ottawa, ON

Doug Cochrane, DRC, mentioned that Toronto has applied to host the Society Annual meeting in 2022 and may ask to switch their CRC with London (London for 2022 and the Toronto for 2023) so as to not have the Society meeting and CRC in the same year.

FINAL REMARKS

Doug Cochrane, DRC, then asked if any other business is needed to be brought forward.

David Underwood indicated that the CRC was very well run by the NB/PEI Chapter and also by Doug to keep the meetings under control.

Doug Cochrane, DRC then proposed a motion that the meeting be adjourned.

Moved by: Montreal Chapter, 2nd by: Windsor Chapter - **Approved** by all Delegates (9/0/0).

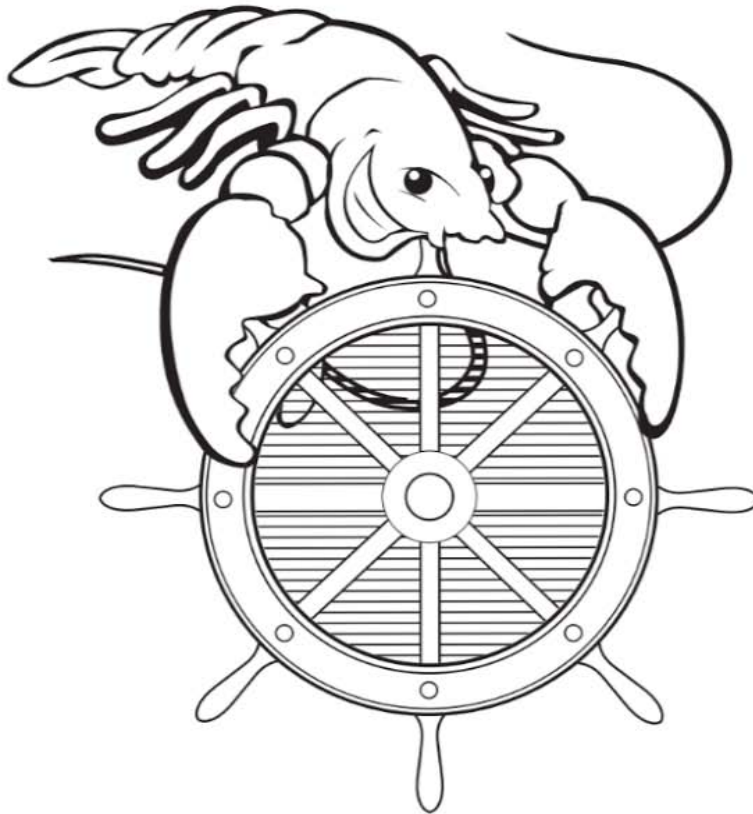
The Third Business Session of the 2016 CRC was concluded.

**THE 3rd BUSINESS SESSION & CRC ADJOURNED AND CONCLUDED
AT 12:04PM ON SUN AUG 28, 2016**

A CRC debriefing meeting was held for NB/PEI Chapter and Montreal Chapter after the adjournment.

Welcome Package

ASHRAE



Region II CRC 2016

Moncton, NB

Presented by





On behalf of the City of Moncton, welcome to all delegates of the American Society of Heating, Refrigerating and Air-Conditioning Engineers' Regional Conference.

Moncton is happy to act as host city for this year's ASHRAE conference. Our dynamic city, situated in the heart of the Maritimes, takes pride in providing a unique blend of Maritime hospitality and Acadian *joie de vivre*.

We trust that you will take this opportunity to enjoy not only a fantastic Conference, but also the many features that make Moncton great! We are happy to welcome you to our city.

Au nom de la Ville de Moncton, nous souhaitons la bienvenue à tous les participants à la conférence régionale de l'American Society of Heating, Refrigerating and Air-Conditioning Engineers.

Moncton est fière d'avoir été choisie pour accueillir la conférence cette année. Située au cœur des Maritimes, notre ville dynamique est un heureux mélange de l'hospitalité typique des Maritimes et de joie de vivre acadienne.

Nous vous souhaitons une conférence enrichissante et un séjour des plus agréables à Moncton. Bienvenue chez nous!

Moncton City Council / Conseil municipal de Moncton



Table of Contents

Detailed Agenda - CRC Moncton 2016.....	3
Companion Agenda - CRC Moncton 2016	7
General Information	9
Greater Moncton International Airport, Transportation and Taxis	9
Hotel information, Parking and Conference Level Map.....	9
Moncton Maps	9
Technical Tour - Highfield Street Water Pumping Station	12
Welcome Party- St. James Gate.....	12
Lobster Tales Cruises - Dinner & Activity	12
Companion Tour - Hopewell Rocks & Bay of Fundy Coastal Tour.....	13
Companion Tour - Moncton Farmers Market.....	14
Companion Tour - Resurgo Place: Moncton Museum and Transportation Discovery Centre	14
Things to Eat, See and Do in Moncton	15
Local Restaurants.....	15
Local attractions	15
CRC Moncton 2016 Planning Committee - Contact Info	16
Donors.....	17
Hospitality Suite Donors.....	18
Major Sponsors.....	19
Sponsors	19

Detailed Agenda - CRC Moncton 2016

Day 0 Thursday August 25, 2016

17:00-20:00	CRC Registration	Conference Level Lobby (top of escalator)
17:00-21:00	Dinner on Your Own	Consult your Welcome Package or talk to an event volunteer at the Registration Desk regarding suggestions
21:00-01:00	Hospitality Suite	Petitcodiac Room

Day 1 Friday August 26, 2016

ALL DAY	HISTORY DISPLAY	Petitcodiac Room
07:00 - 17:30	CRC Registration	Conference Level Lobby (top of escalator)
07:00 - 08:30	Breakfast	Shediac C Room
08:30 - 09:30	Orientation Session/ ASHRAE Research Canada	Shediac A/B Room (Open to All) <ol style="list-style-type: none"> 1. Welcome Remarks - D. Cochrane 2. Introduction - All 3. Appointment of the recording secretary - D. Cochrane 4. Review and approval of the business meetings agenda - D. Cochrane 5. Review of Honors and Awards – D. Rasmussen/N. Lemire 6. Review of RVC roll off dates – D. Cochrane 7. Travel Vouchers - requirements 8. Presentation of today's later events – D. Boudreau 9. ASHRAE Research Canada – D. Boyce 10. Picture (DRC, Delegates and Alternates) for Regional Historian
09:30 - 09:45	Break	Reception Foyer (outside Shediac Rooms)
09:30 - 11:45	Technical Tour	Highfield Street Water Pumping Station technical tour. Bus departs at 09:30. Meet in the Conference Level Lobby outside of the Petitcodiac Room. Buses depart from hotel main entrance. Ensure that you get on the correct bus.
09:45 - 11:45	Caucus Session	Shediac A/B Room <ol style="list-style-type: none"> 1. Delegates and Alternates – G. Perreault/N. Lemire

09:45 - 11:45	DRC/RMCR/ARC/RVCs Regional Meeting	Boardroom 1. Chapter Visit Planning 2. Review of Awards 3. Region II Manual of Operations 4. Region II Website and Basecamp 5. Chapter Opportunity Fund
12:00 - 13:00	Presidential Luncheon - Working Lunch	Shediac C Room Presidential Theme presentation – Sheila Hayter
13:10 - 17:15	Business Meeting #1	Shediac A/B Room (Open to All) 1. Call to Order – D. Cochrane 2. Approval of 2015 CRC Minutes – D. Cochrane 3. Report on 2015 CRC Motions – I. Lavoie 4. Reading of any prepared Motions for 2016 CRC – I. Lavoie 5. CRC 2017 Budget – I. Lavoie 6. Society Officer Report VP – G. Scoggins 7. ASHRAE Staff Report – J. Abrams 8. Chapter Reports (5 min. each) - Chapter Presidents 9. Meeting adjournment – D. Cochrane
14:00 – 16:00	Technical Seminar	Shediac C 1. Low Impact Mechanical Systems - Tim McGinn, P.Eng., LEED AP, long time ASHRAE Distinguished Lecturer
15:15 – 15:30	Break	Reception Foyer (outside Shediac Rooms)
18:00 - 21:00	Welcome Party	St. James' Gate (short walk). Meet in the Conference Level Lobby outside of the Petitcodiac Room.
21:00 – 01:00	Hospitality Suite	Petitcodiac Room

Day 2 Saturday August 27, 2016

ALL DAY	HISTORY DISPLAY	Petitcodiac Room
07:00 - 11:30	CRC Registration	Conference Level Lobby (top of escalator)
07:00 - 08:30	Breakfast	Shediac C Room
08:30 - 09:45	Business Meeting #2	Shediac A/B Room (Open to All) 1. Call to Order – D. Cochrane 2. Presentation of today's later events – D. Boudreau

		<ol style="list-style-type: none"> 3. Regional Statistics – I. Semhat 4. RVC Reports (5 min. each) <ol style="list-style-type: none"> a. CTTC – D. Robert b. SA – B. Oliver c. GGAC – R. Gagnon d. RP – A. Jonkov e. Historian – T. Pollard f. YEA – A. Dupuis g. MP – M. Lawrence 5. Region II Manual of operations – I. Lavoie 6. Meeting adjournment – D. Cochrane
09:45 -10:00	Break	Reception Foyer (outside Shediak Rooms)
10:00 - 11:20	Committee Workshop	Shediak C Room: CTTC Part 1
10:00 - 11:20	Executive Session #1	Shediak A/B Room <ol style="list-style-type: none"> 1. Delegates and Alternates – G. Perreault/N. Lemire
11:30 - 13:30	Awards Luncheon	Ballroom A
13:30 - 17:00	Committee Workshops	<ul style="list-style-type: none"> • Shediak A/B Room: Chapter Operations • Shediak C Room: CTTC Part 2 • Boardroom: Research Promotion • Kedgwick Room: History • Madawaska Room: Student Activities • Restigouche Room: Membership Promotion • Matapedia Room: YEA • First Nations Room: Grassroots Government Advocacy
15:00 - 15:15	Break	Reception Foyer (outside Shediak Rooms)
17:15 – 23:00	Dinner & Activity	Lobster Tales Boat Cruise, Shediak – buses depart promptly at 17:15 in the back parking lot. Meet in the Conference Level Lobby outside of the Petitcodiac Room.
23:00 – 01:00	Hospitality Suite	Petitcodiac Room

Day 3 Sunday August 28, 2016

07:00 - 08:30	Breakfast	Shediac C Room
07:30 - 08:30	Executive Session #2 (if required)	Shediac A/B Room 1. Delegates and Alternates – G. Perreault/N. Lemire
08:30 - 12:00	Business Meeting #3	Shediac A/B Room (open to all) 1. Workshop Reports including Motions from workshops – Workshop Delegates (5 min. max) a. CTTC, SA, GGAC, RP, YEA,MP, History 2. Report from Executive sessions – G. Perreault/N. Lemire 3. Regional Fund - D. Cochrane (on behalf of Y. Trudel & New Treasurer D. Benedetti) a. Approval of 2015 CRC Financial Statement – S. Innes b. Approval of 2015-2016 Final Financial Statements audited by NB/PEI Chapter – S. Innes c. Approval of 2016-2017 Region II Budget 4. CRC 2017 Budget Approval – D. Cochrane 5. Motions – I. Lavoie 6. DRC/RVC Chapter visits schedule for the year – I. Semhat 7. New Business – D. Cochrane a. What to put on the regional website to make it more useful for the chapters? Region II basecamp site b. Chapter opportunity fund 8. CRC dates for the next three years – D. Cochrane a. Montréal : 3 rd week – August 25-27 2017- Chair: Isabelle Lavoie b. Windsor: 3 rd week – August 24-26 2018 – Chair: James Smith c. Halifax: 3 rd week – August 23-25 2019 – Chair: If Toronto holds annual meeting in 2022 London to move host for CRC up a year 9. Final Remarks - D. Cochrane 10. Meeting Adjournment – D. Cochrane
10:00 – 10:15	Break	Reception Foyer (outside Shediac Rooms)
12:00 - 13:00	CRC Debriefing	Shediac A/B Room (all are welcome)

Companion Agenda - CRC Moncton 2016

Day 0 Thursday August 25, 2016

17:00-20:00	CRC Registration	Conference Level Lobby (top of escalator)
17:00-21:00	Dinner on Your Own	Consult your Welcome Package or talk to an event volunteer at the Registration Desk regarding suggestions
21:00-01:00	Hospitality Suite	Petitcodiac Room

Day 1 Friday August 26, 2016

ALL DAY	HISTORY DISPLAY	Petitcodiac Room
07:00 - 17:30	CRC Registration	Conference Level Lobby (top of escalator)
07:00 - 08:30	Breakfast	Shediac C Room
08:30 - 09:30	Orientation Session/ ASHRAE Research Canada	Shediac A/B Room (Open to All) <ul style="list-style-type: none"> 1. Welcome Remarks - D. Cochrane 2. Introduction - All 3. Appointment of the recording secretary - D. Cochrane 4. Review and approval of the business meetings agenda - D. Cochrane 5. Review of Honors and Awards – D. Rasmussen/N. Lemire 6. Review of RVC roll off dates – D. Cochrane 7. Travel Vouchers - requirements 8. Presentation of today's later events – D. Boudreau 9. ASHRAE Research Canada – D. Boyce 10. Picture (DRC, Delegates and Alternates) for Regional Historian
09:30 - 17:30	Hopewell Rocks & Bay of Fundy Coastal Tour	Guided bus tour, admission to all sites, and lunch is all included. Bus departs promptly at 09:30. Meet in the Conference Level Lobby outside of the Petitcodiac Room. Buses depart from hotel main entrance. Ensure that you get on the correct bus.
18:00 - 21:00	Welcome Party	St. James' Gate (short walk). Meet in the Conference Level Lobby outside of the Petitcodiac Room.
21:00 – 01:00	Hospitality Suite	Petitcodiac Room

Day 2 Saturday August 27, 2016

ALL DAY	HISTORY DISPLAY	Petitcodiac Room
07:00 - 11:30	CRC Registration	Conference Level Lobby (top of escalator)
07:00 - 08:30	Breakfast	Shediac C Room
08:30 - 11:15	Moncton Farmers Market	Walking tour to the Moncton Farmers Market. Meet in the Conference Level Lobby outside of the Petitcodiac Room or head there at your leisure.
11:30 - 13:30	Awards Luncheon	Ballroom A
13:45 - 16:30	Resurgo Place: Moncton Museum and Transportation Discovery Centre	Walking tour to Resurgo Place. Meet in the Conference Level Lobby outside of the Petitcodiac Room.
17:15 - 23:00	Dinner & Activity	Lobster Tales Boat Cruise, Shediac – buses depart promptly at 17:15 in the back parking lot. Meet in the Conference Level Lobby outside of the Petitcodiac Room.
23:00 – 01:00	Hospitality Suite	Petitcodiac Room

Day 3 Sunday August 28, 2016

07:00 - 08:30	Breakfast	Shediac C Room
08:30 – 13:00	On your own.	No formal activities planned. Consult your Welcome Package or talk to an event volunteer at the Registration Desk regarding suggestions

General Information

Greater Moncton International Airport, Transportation and Taxis

Located 15 minutes from the hotel and can be easily accessible by taxis from the airport. There should be taxis waiting outside the airport entrance. Taxi numbers are listed below if there are none.

Moncton Taxi phone numbers:

White Cab - (506) 857-3000

Air Cab - (506) 857-2000

*Cost from Greater Moncton International Airport to Delta Beausejour is approximately \$20.

Hotel information, Parking and Conference Level Map

Delta Beausejour Hotel

750 Main Street

Moncton, New Brunswick

E1C 1E6

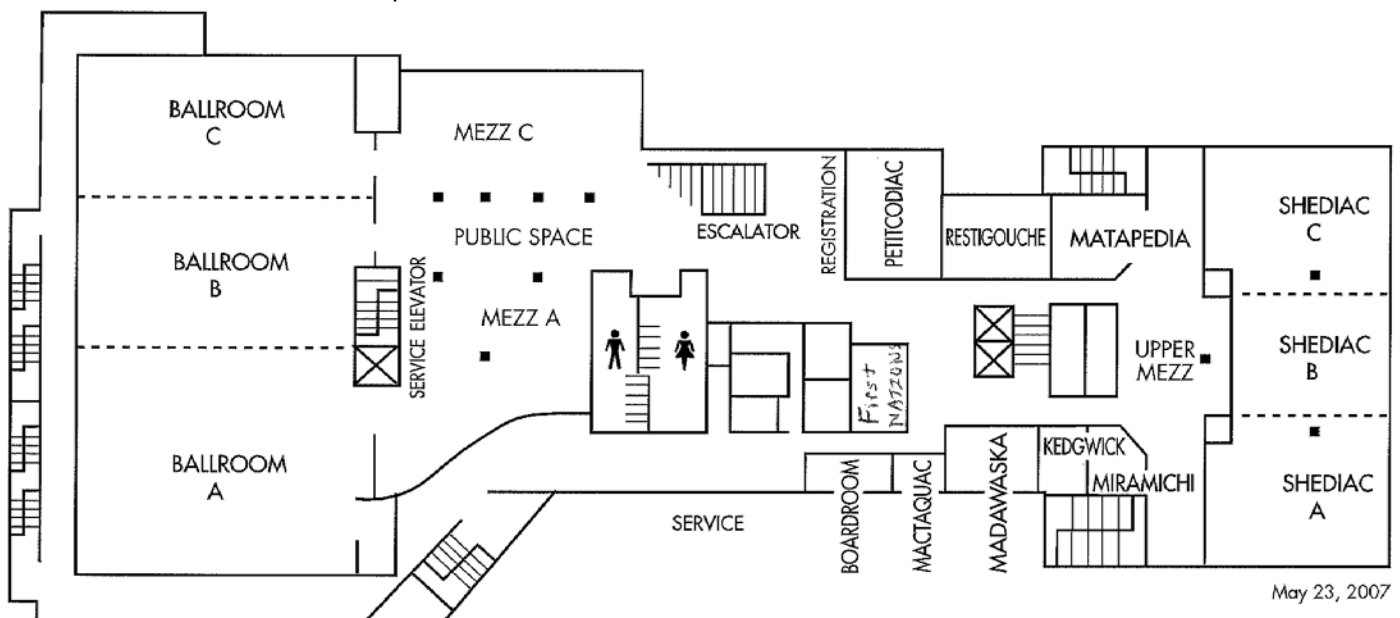
Website: www.deltahotels.com/hotels/delta-beausejour-hotel

- \$15.53 (taxes included) Self Parking for 24hrs
- \$19.26 (taxes included) Valet Parking for 24hrs
- Unlimited in and out privileges

* Prices are subject to change and include 15% HST



Conference Level Map:

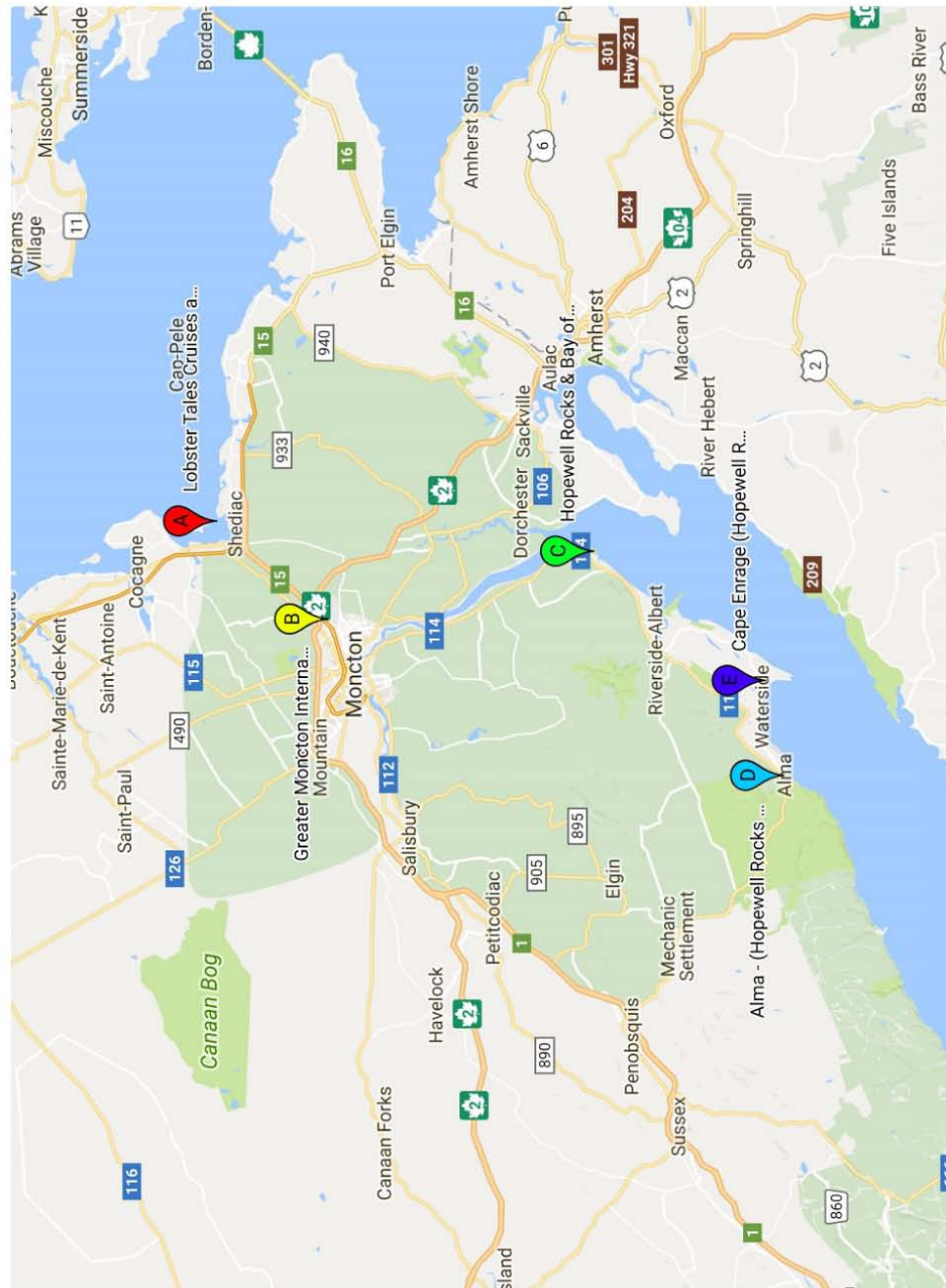


Moncton Maps

Map Link: <https://drive.google.com/open?id=11mPExZBYoT0uYCfDOPFPWdli47Y&usp=sharing>

Feel free to click on the link and save it as a link on your phone or open on a computer to see locations of events specific to the 2016 ASHRAE CRC in Moncton, NB. Also note that within the tag for every location there is more information of the event including time, date, address, websites, etc.

ASHRAE REGION II CRC 2016, Moncton, NB -Surroundings

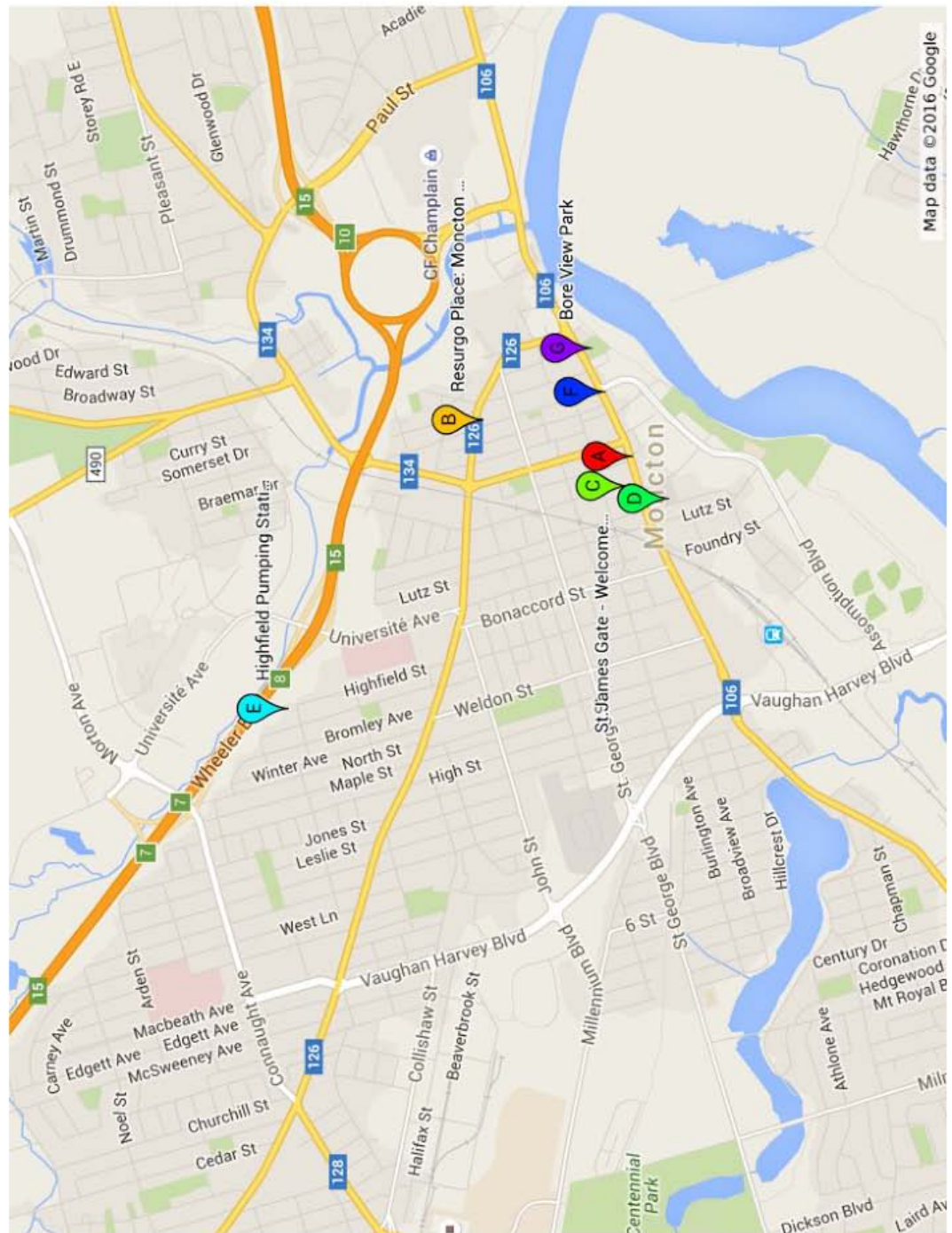


Moncton and surrounding areas

- Lobster Tales Cruises and Captain Dan's Restaurant
- Greater Moncton International Airport
- Hopewell Rocks & Bay of Fundy Coastal Tour - Companion Tour
- Alma - (Hopewell Rocks & Bay of Fundy Coastal Tour) - Companion Tour
- Cape Enrage (Hopewell Rocks & Bay of Fundy Coastal Tour) - Companion Tour

Location of functions and events during the ASHRAE REGION II CRC 2016, Moncton, NB

ASHRAE MONCTON CRC 2016



- Downtown Moncton**
 - Delta Beausejour Hotel
- Resurgo Place: Moncton Museum and Transportation Discovery Centre- Companion Tour**
- St. James Gate - Welcome Party**
- Marche Moncton Market - Companion Tour**
- Highfield Pumping Station - Technical Tour**
- The Keg steakhouse -ASHRAE Dignitaries Supper**
- Bore View Park**

Location of functions and events during the ASHRAE MONCTON CRC 2016

Technical Tour - Highfield Street Water Pumping Station

Highfield Street Water Pumping Station
5 Thanet St, Moncton, NB

Bus departs at 09:30. Meet in the Conference Level Lobby outside of the Petitcodiac Room. Ensure that you get on the correct bus.

09:30-11:45, Friday August 26 2016

The Highfield Pumping Station is the City's main water pumping station. The station has been in continuous service since its construction in 1913. It is located at the north end of Highfield Street adjacent to Wheeler Boulevard. The American Water Works Association (AWWA) has declared the Highfield Pumping Station an AWWA historic landmark.



Welcome Party- St. James Gate

St. James Gate
14 Church St, Moncton, NB E1C 4Y9, Canada
www.st-jamesgate.ca

Meet in the Conference Level Lobby outside of the Petitcodiac Room.

18:00-21:00, Friday August 26 2016



Downtown Pub located a short walk from Delta- Beausejour. Appetizers and 2 drink tickets will be provided. See downtown map for location.

Lobster Tales Cruises - Dinner & Activity

Lobster Tales Boat Cruise, Shediac
60 Pointe Du Chêne Rd, Pointe-du-Chêne, NB E4P 5J6,
Canada
http://www.lobstertales.ca/Index_en.html

Buses depart promptly at 17:15 in the back parking lot. Meet in the Conference Level Lobby outside of the Petitcodiac Room.

17:15-23:00 Saturday August 27 2016



Companion Tour - Hopewell Rocks & Bay of Fundy Coastal Tour

Hopewell Rocks & Bay of Fundy Coastal Tour

<http://roadstosea.com/>

Guided bus tour, admission to all sites, and lunch is all included. Bus departs promptly at 09:30. Meet in the Conference Level Lobby outside of the Petitcodiac Room. Ensure that you get on the correct bus.

09:30 - 17:30 Friday August 26 2016



Hopewell Rocks & Bay of Fundy Coastal Tour *also featuring Cape Enrage & Fishing Village of Alma*



This coastal tour experience along the breathtakingly beautiful Bay of Fundy Coastal Drive will be sure to take everyone's breath away!!

Hopewell Rocks & Bay of Fundy in New Brunswick, Canada is home of the World's Highest Tides! This amazing full day tour allows guests to experience the natural, ecological and cultural history of the area while travelling to Hopewell Rocks, Cape Enrage, Fundy National Park and the Fishing Village of Alma.

Our friendly, professionally certified tour guides love nothing more than sharing their passion for the breathtaking beauty of New Brunswick in a relaxed and informal style that is part of our east coast charm and hospitality!

Come prepared to be educated and entertained the Maritime way!

Anna-Marie Weir, TCP, TCS
Owner/Operator
"Roads To Sea" Guided Tours
(506) 850-7623 North American Toll Free: 1-877-850-7623
www.roadstosea.com



Selected Inaugural Member of Canada's Top 48 Signature Experiences Collection
By Canadian Tourism Commission of Canada



Companion Tour - Moncton Farmers Market

Moncton Farmers Market
120 Westmorland St, Moncton, NB E1C 0R9,
Canada

www.marchemonctonmarket.ca

Walking tour to the Moncton Farmers Market.
Meet in the Conference Level Lobby outside of the
Petitcodiac Room or head there at your leisure.

08:30-11:15 Saturday August 27 2016

When you're looking for a unique experience for the whole family, meet us at the Market, in Downtown Moncton! With over 130 vendors, there is something for everyone. Whether you're looking for bakery items, local produce, fresh meat, cheese and eggs, arts and crafts, holiday items, breakfast, lunch or just a chance to browse our amazing items with a good cup of coffee – we've got it all! The market's charming atmosphere makes it a year-round destination! Open Saturdays 7 a.m. - 2 p.m @ 120 Westmorland Street, Moncton

Companion Tour - Resurgo Place: Moncton Museum and Transportation Discovery Centre

Resurgo Place
20 Mountain Rd, Moncton, NB E1C 2J7, Canada
resurgo.ca

Walking tour to Resurgo Place. Meet in the Conference Level Lobby outside of the Petitcodiac Room.

13:45 - 16:30, Saturday August 27 2016

Resurgo Place, home of the Moncton Museum and Transportation Discovery Centre offers visitors a unique and interactive experience dedicated to history, science and transportation. The new facility, which opened to the public in August 2014, has been expanded to include high-quality exhibitions and hands-on interactives. The reorganized exhibition spaces make it a unique, state-of-the-art facility that offers original programming while continuously promoting heritage.

Resurgo Place is a source of great pride for local citizens and is a dynamic, exciting destination. It is located at 20 Mountain Road in downtown Moncton.



Things to Eat, See and Do in Moncton

Local Restaurants

Pubs Tide & Boar Gastropub (DT) PumpHouse (DT) The Old Triangle Irish Alehouse (DT)	Vegetarian Calactus Restaurant (5 min drive)	Italian Gustos Italian Grill & Bar (DT) Pastalli Pasta House (DT)
International Red Satay Grille (5 min drive) Taj Mahal - Flavor of India (DT) Cinta Ria Malaysian Fusion (DT) Vien Dong (DT) Manuka (5 min drive)	Pizza Zio's Pizza (5 min drive) Vito's Restaurant (5 min drive) Piatto (DT)	Local Fast Food (various locations) Guacamole Mexican Street Food Bangkok Food Truck Heavy Kevy's Food Truck
Coffee spots Cafe Codiac (5 min drive) Clementine (10 min drive) Cafe C'est la vie (DT)	SteakHouse Windjammers (DT) The Keg (DT)	Sushi Osaka Hibachi (DT) Japan Go! (DT) Pink Sushi (DT)

DT: Downtown

More restaurant ideas near the Delta Hotel:

https://www.tripadvisor.ca/RestaurantsNear-g154958-d185559-Delta_Beausejour_Hotel-Moncton_New_Brunswick.html

Local attractions

Magnetic Hill Area Magnetic Hill Zoo Magnetic Hill Park Magnetic Hill Winery Magic Mountain water park Casino NB	Golf courses nearby Royal Oaks Golf Club Fox Creek Golf Club Magnetic Hill Golf and Country Club Moncton Golf and Country Club Country Meadows Golf Club
Municipal Parks Centennial park Irishtown Park	Others TreeGO - Centennial Park Tidal bore - Bore Park (DT) Parlee Beach (20 min drive)
National Parks nearby Fundy National Park (1hr drive) Kouchibouguac (1 hr drive)	Other Useful Websites www.moncton.ca www.townofriverview.ca www.dieppe.ca

DT: Downtown

More ideas of things to do around Moncton:

https://www.tripadvisor.ca/Attractions-g154958-Activities-Moncton_New_Brunswick.html

CRC Moncton 2016 Planning Committee - Contact Info

Name	Position	e-mail	Cell
Dan Boudreau	CRC General Chair	DBoudreau@mcw.com	(506) 869-0013
Gerry Waselynychuk	CRC Honorary Chair/Vice-Chair	-	-
Dwight Scott	CRC Honorary Chair	-	-
Sharlene Innes	CRC Treasurer/Hospitality Co-Chair	sinnes@emcoltd.com	(506) 871-6235
Kevin Clannon	CRC Technology & Attendance Chair/Hospitality Co-Chair	kclannon@master.ca	(506) 875-0675
Mike Boudreau	CRC Webmaster/Registration & Reception Co-Chair	mboudreau@ecsm.ca	(506) 866-3571
Daniel El-Khoury	CRC Registration & Reception Co-Chair/Planning Committee Secretary	delkhour@gmail.com	(506) 961-4348
Jennifer Chapman	CRC Registration & Reception Co-Chair	jennifer@aquavapgroup.ca	(506) 863-9559
Luc Dugas	CRC Sponsorship Chair	-	-
Robert Hoadley	CRC Technical Presentations & Tours Chair	robert.hoadley@rogers.com	(506) 470-9795
John Willden	CRC Photography Chair	johnwillden@gmail.com	(506) 962-5508
Karin Boudreau	CRC Companion Chair	kerinboudreau@live.ca	(506) 381-1974

Donors



°STELPRO



Hospitality Suite Donors



Constellation
Brands



GLOBAL
MECHANICAL SYSTEMS LTD



Coors LIGHT®

Major Sponsors



Sponsors



APPENDIX-B
PAST SOCIETY MOTIONS SUMMARY/STATUS

REGION 2 – 2016 CRC

PAST SOCIETY MOTIONS SUMMARY/STATUS

Hamilton Chapter – 2015 CRC Motion 4:

That Society expand the PAOE criteria in 2016-17, under the Historical category, to permit the Regional Historian to award up to 100 bonus points to a chapter historian for participating in new historical based activities unique to the Region or Society.

Answer: This motion was referred to the President Elect's PAOE Subcommittee for review and consideration and it will be part of the 2016-17 PAOE (see below for Regional Historian assigns). **(Complete)**

- ☐ 100 points: For chapter historian participating in new historical based activities unique to the Region or Society

Hamilton Chapter – Motion 13a (11/5/2015):

That Society modify current ASHRAE "Conference Call Protocol" to allow up to 10 conference call services to be available at Society Meetings.

Answer: This motion was referred to the Electronic Communications Committee (ECC) for consideration. ECC was not in favor of this motion as the conference call protocol does not address policy. **(Complete)**

London Chapter – Motion 13c (11/5/2015):

That Society allow a member to choose how they receive the ASHRAE Journal and associated items. Options would be as an electronic version only or electronic and mailed version.

Answer: This motion was referred to Publishing and Education Council (PEC) for consideration. PEC response is this is currently an option now for any member who contacts customer service. It should be noted, however, there is adverse negative impact for the selection of digital vs. print ASHRAE Journal on advertising. **(Complete)**

Quebec Chapter – Motion 13d (11/5/2015):

That Society review the actual membership benefits to allow the members to get multiple options of technical documents (guidelines, design guides, standards, etc.) included in the membership, rather than the obligation of the selection the current handbook.

Status: This motion was referred to Publishing and Education Council for consideration. PEC Fiscal Planning Subcommittee has been assigned an action time to review the fiscal and staff impact of this motion. In the past, it was important to Society that all members get the same benefit. Additionally, this policy would make it difficult to maintain inventory of physical items. **(Open)**

Hamilton Chapter – Motion 14B (11/5/2015):

That Society enrich the Smart Start Program by adding reduced conference fees to the current reduced membership fees. Target SSP conference fee would be \$25 to \$100 for the first 3 years after graduation.

Answer: This motion was referred to the Conferences and Expositions, Student Activities and YEA Committees for consideration. **(Complete)**

- ☐ CEC response: CEC will research registration figures before responding to this motion. CEC approved the following motion: "That Members Council enhance the SmartStart Program (SSP) by incorporating reduced conference registration fees for SSP members at the established "Speaker" registration rate beginning with the 2017 Annual Conference in Long

APPENDIX-B
PAST SOCIETY MOTIONS SUMMARY/STATUS

Beach.” CEC also recommends that: a.) SSP include mentoring for these members so that they are encouraged to stay active within ASHRAE; and b.) work with chapters to guide new members in finding fiscally responsible ways to attend the conferences.

☐ SAC response: SAC is in favor of this motion. It was discussed that this could be tied to a YEA-Student mentorship where the recipient of the reduced rate would be assigned a student member to mentor during the conference.

☐ YEA response: YEA supports the motion of discounted registration fees for those members participating on the SmartStart program and would recommend tying the discounted rate to the current speakers’ fee.

Halifax Chapter – Motion 29b (11/6/2015):

That Society apply to have ASHRAE Research Canada become a Registered Charity.

Answer: This motion was referred to the Finance Committee and ASHRAE attorneys for review. The Finance Committee was not in favor of this motion because ASHRAE does not qualify as a charity under Canadian law. However, contributions may be deductible as a business expense. **(Complete)**

Halifax Chapter – Motion 29c (11/6/2015):

That Society make the ASHRAE.org website mobile friendly.

Answer: This motion was referred to Publishing and Education Council for consideration and to determine the fiscal impact. Currently only a small percentage of website traffic comes from mobile device implementing will require a redesign of website and review of structural requirements such as avoiding PDF use. Making ASHRAE.org responsive would only pertain to website content not to the membership records portion of the website which has separate functionality and the bookstore which is done through a third party. Cost of the redesign is estimated to be \$50K to \$80K. If a major site overhaul was conducted cost could easily reach \$200,000. As an example, ASME spent several million dollars on its site redesign which was done in three phases. The PEC asked ECC to continue to keep ASHRAE.org website’s “mobile friendliness” as a goal for future website development but no action will be taken at this time. **(Complete)**

Ottawa Valley Chapter – Motion 33 (11/6/2015):

That Society provide additional titles in the dropdown menu used to assign officers during the Chapter Information Questionnaire (CIQ).

Answer: This motion failed. During the 2013 Fall Members Council meeting, the council approved a motion to include all positions listed in the MCO on the CIQ dropdown list. This was implemented and although co-chair positions were not on the list, they were included for the following: MP, RP, GGA, SA, YEA and CRC general chair. Also, several chapters have different committees with different names and responsibilities. It would be very difficult to keep up with the variety of positions since each chapter is different. Chapter members who serve in unofficial chapter positions lists their information on their bio under the Member Entered Data section. **(Complete)**

APPENDIX – C

CHAPTER REPORTS

Region 2 Statistics Table

#117 - NB/PEI Chapter
#100 - Halifax Chapter
#013 - La Ville De Quebec Chapter
#014 - Montreal Chapter
#015 - Ottawa Valley Chapter
#017 - Toronto Chapter
#027 - Hamilton Chapter
#116 - London Canada
#141 - Windsor Chapter

ASHRAE Region II - Statistics 2015-2016

	Halifax	NB-PEI	Québec	Montreal	Ottawa	Toronto	Hamilton	London	Windsor	
Membership Promotion										TOTALS
Area Assigned Members	178	167	184	564	403	1133	286	128	64	3107
Chapter Dues Paying Members	110	167	107	364	236	505	127	82	50	1748
# of new members	22	16	17	55	32	113	21	0	9	285
# of delinquents	3	11	8	80	28	124	29	0	2	285
Student Activities										
# of new Students	19	11	52	152	34	166	21	27	31	513
# of student branches	1	2	3	7	2	7	1	1	1	25
Advisor a member	Yes	2	3	8	2	Yes	1	YES		
CTTC										
# of regular meetings	8	7	7	8	8	7	8	8	9	
Average attendance	25	15	82	179	65	100	35	45	22	
# of other tech. Events	1	2	3	9	6	5	0	1	2	
# of Distinguished Lecturer used	1	2	1	2	1	2	1	2	2	14
# of social events	3	3	3	6	8	5	2	3	3	
# of Refrigeration events	0	2	1	2	0	0	1	0	0	
# of chapter technology awards	0	0	0,0,0	8	6	1	0	0	0	
(Chapter, Region, Society)				(8,8, to come)						
Finances										
Total Funds Balance	\$ 34,000.00	\$ 4,536.35	\$ 66,168.72	\$72,919	\$ 31,616.00	\$ 95,000.00	\$ 23,132.21	\$ 20,401.78	\$ 9,954.19	\$ 357,728.25
Chapter Dues/per member	\$ 65.00	\$ -	\$ 50.00	\$69.58	\$ 60.00	\$ 75.00	\$ 85.00	\$ 50.00	\$ 50.00	
Members cost of Meals	\$ 30.00	\$ 25.00	\$ 45.99	\$52.18	\$ 45.00	\$55-\$65	\$ 45.00	\$ 50.00	\$ 32.00	
Non Member cost of Meals	\$ 40.00	\$ 35.00	\$ 63.24	\$73.93	\$ 65.00	\$65-\$75	\$ 50.00	\$ 60.00	\$ 32.00	
Date of Last Chapter Audit	2015-09-01	2016-06-12	2016-06-01	2015-12-01	2015-05-26	2016-07-01	2015-07-06	July, 2016	2016-10-15	NOTE: AUDIT DATES TO BE UPDATED!

117 Chapter Activity Report Year 2015-2016

Chapter President : Eric Leblanc



**REGION II 2015-2016 REPORT
NB/PEI CHAPTER 117**

Other Technical Events beside chapter meetings

1. Whiskey Tasting Tour w/ Lecture on Whisky Distillation, Fredericton, NB
2. Grimross Microbrewery Tour, Fredericton, NB



REGION II 2015-2016 REPORT NB/PEI CHAPTER 117

YEA Activities

1. Tour of Resurgo Place
2. Social Night out at Tide and Boar
3. Curling Attempted, but cancelled due to lack of interest



REGION II 2015-2016 REPORT NB/PEI CHAPTER 117

Social Events

1. Golf Tournament
2. Moncton Wildcats Game
3. Grimross Microbrewery Tour
4. Whisky Tasting Tour

Research Promotion/Fundraising

- **Chapter Goal** **\$12,500**
- **Total Dollars Raised** **\$15,009**



**REGION II 2015-2016 REPORT
NB/PEI CHAPTER 117**

Chapter Finances

- **Chapter Bank Balance** \$4,536.35
- **Date of Last Audit** 06/12
- **No of Chapter Members** 164



**REGION II 2015-2016 REPORT
NB/PEI CHAPTER 117**

New things implemented during the year:

1. Meetings in Fredericton for first time



REGION II 2015-2016 REPORT NB/PEI CHAPTER 117

Challenges:

1. Loss of a key member of BOG, Dwight Scott, beginning with his illness.
2. Expanding membership participation to PEI, and other areas of NB
3. Monthly Meeting Location still fluctuated
4. Expanding families in personal lives of BOG



REGION II 2015-2016 REPORT NB/PEI CHAPTER 117

Things you are the most proud of:

1. First time to exceed \$15,000 in RP
2. High Five Award
3. Bringing 3 new members to CRC 2015 Hamilton, and having all 3 be active members of the BOG – good investment
4. Sending SA and MP Chairs to Centralized Training



REGION II 2015-2016 REPORT NB/PEI CHAPTER 117

What about year 2016-2017?

1. Mentorship program between Past Presidents and YEA
2. Start student branch at Universite de Moncton
3. UPEI – Bachelor of Engineering Program starting – possible student branch
4. BOG hits the road – June Meeting in PEI w/ Technical Tour, possible joint meeting with IES and AANB/PEI
5. Rob Hoadley will be presenting to the Cold Climate Committee in Fredericton, NB on Sept 8th about ASHRAE
6. Get back to basics, and do them well.



REGION II 2015-2016 REPORT NB/PEI CHAPTER 117

Halifax Chapter Activity Report Year 2015-2016

Chapter President : Aaron Smith



**REGION II 2015-2016 REPORT
HALIFAX CHAPTER #100**



Other Technical Events beside chapter meetings

1. HVAC System Design Training – Level 1



The banner features a gradient background from dark red at the top to light beige at the bottom. In the top right corner, there are three white icons: a snowflake, a flame, and a fan. The main title "ASHRAE Complete Training in HVAC SYSTEM DESIGN" is prominently displayed in the center. Below the title, there are three columns of text, each separated by a vertical line, detailing different training levels and their associated costs for non-members and ASHRAE members.

ASHRAE Complete Training in		
HVAC SYSTEM DESIGN		
HVAC Design: Level I – Essentials Non-Member: \$1,239 ASHRAE Member: \$989	HVAC Design: Level II – Applications Non-Member: \$829 ASHRAE Member: \$779	HVAC Design: Combined: Level I – II Non-Member: \$1,919 ASHRAE Member: \$1,519



REGION II 2015-2016 REPORT HALIFAX CHAPTER #100



YEA Activities

1. YEA/Student Social in September
2. YEA Themed Meeting in May (Social at Campus Bar)



REGION II 2015-2016 REPORT HALIFAX CHAPTER #100



Social Events

1. Golf Tournament
2. Holiday Social
3. Habitat for Humanity Build Day



**REGION II 2015-2016 REPORT
HALIFAX CHAPTER #100**



Research Promotion/Fundraising

- **Chapter Goal** **\$9500**
- **Total Dollars Raised** **\$9,625**



**REGION II 2015-2016 REPORT
HALIFAX CHAPTER #100**



Chapter Finances

- **Chapter Bank Balance** **\$34,000**
- **Date of Last Audit** **9/2015**
- **No of Chapter Members** **178**



**REGION II 2015-2016 REPORT
HALIFAX CHAPTER #100**



New things implemented during the year:

1. Student Branch was active and we joined in on some of their events (tours and social)
2. All Chapter meetings at lunch hour except Student Themed Meeting
3. BOG meetings were held separate from Chapter Meeting – we see each other twice a month
4. Prepared a Chapter Operations Calendar documenting typical activities for our chapter each month of the year
5. Attempted to have our DL Presentation Webcast for members outside Halifax - but no one registered



REGION II 2015-2016 REPORT HALIFAX CHAPTER #100



Challenges:

1. Lost a few Committee Chairs in the first half
2. Advanced Registration for Meetings
3. Connecting with members in Newfoundland when we traveled there for a Tradeshow and brought our DL.



REGION II 2015-2016 REPORT HALIFAX CHAPTER #100



Things you are the most proud of:

1. Trip to Newfoundland for Build Green Atlantic Tradeshow with DL.
2. Visited NS Gov't and City of Halifax with DL Bahnfleth.
3. Habitat for Humanity build day
4. Golf Tournament
5. Meeting RP Goal
6. New Student Branch
7. Successful HVAC Design Course – 36 attendees



REGION II 2015-2016 REPORT HALIFAX CHAPTER #100



What about year 2016-2017?

1. Continue work on History section of Website
2. Host another course, maybe HVAC Design Course Level 2
3. Have another event outside Halifax – Cape Breton or Newfoundland?
4. Continue Work on GGAC activities – Building Energy Disclosure
5. Potential joint event with NB/PEI?



REGION II 2015-2016 REPORT HALIFAX CHAPTER #100



Quebec City Chapter Activity Report Year 2015-2016

Chapter President : Jonathan Vigneault



**REGION II 2015-2016 REPORT
QUEBEC CITY CHAPTER 013**



Other Technical Events beside chapter meetings

1. Technical Tour : La Voie Maltée brewery
2. WebCast
3. Symposium



**REGION II 2015-2016 REPORT
QUEBEC CITY CHAPTER 013**



YEA Activities

1. Technical Tour – La Voie Maltée Brewery



**REGION II 2015-2016 REPORT
QUEBEC CITY CHAPTER 013**



Social Events

1. Membership Night
2. Golf Tournament
3. Brewery Tour



**REGION II 2015-2016 REPORT
QUEBEC CITY CHAPTER 013**



Research Promotion/Fundraising

- **Chapter Goal** **\$20 000**
- **Total Dollars Raised** **\$20 058**



**REGION II 2015-2016 REPORT
QUEBEC CITY CHAPTER 013**



Chapter Finances

- **Chapter Bank Balance** \$66 168
- **Date of Last Audit** 06/2016
- **No of Chapter Members** 184



**REGION II 2015-2016 REPORT
QUEBEC CITY CHAPTER 013**



New things implemented during the year:

1. 15 elementary school visits (K-12 program)
2. Life members night
3. Live Video transmission of chapter meetings to Rimouski (3 times)
4. BOG meetings < 1 hour
5. Follow up of the budget each BOG meeting



REGION II 2015-2016 REPORT QUEBEC CITY CHAPTER 013



Challenges:

1. Loosing members
2. Participation and sponsors for the golf tournament
3. Selling Tabletops at chapter events



REGION II 2015-2016 REPORT QUEBEC CITY CHAPTER 013



Things you are the most proud of:

1. 15 visits to elementary schools : K-12
2. Membership night : a success !
3. Video transmission to Rimouski (40 attending)



**REGION II 2015-2016 REPORT
QUEBEC CITY CHAPTER 013**



What about year 2016-2017?

1. 60th anniversary – December 5th – You are all invited !!!
2. Be more in contact with the employers
3. Making contact between the students and the YEA members
4. Getting more attendance from the engineering firms
5. Promote ASHRAE bEQ



REGION II 2015-2016 REPORT QUEBEC CITY CHAPTER 013



Montreal Chapter Activity Report Year 2015-2016

Chapter President : Jean-Gabriel Joannette



**REGION II 2015-2016 REPORT
MONTREAL CHAPTER 014**



Other Technical Events beside chapter meetings

1. November 5th – CRIQ Laboratories technical visit (by YEA)
2. November 6th – Biodome technical visit (by SA)
3. November 24th – 1st Breakfast meeting of Women in ASHRAE of the Montreal Chapter committee
4. February 10th – Technical presentation and visit during career fair (by SA)
5. February 11th – 2nd Breakfast meeting of Women in ASHRAE
6. March 14th – Half day seminar on sustainability (by CTTC)
7. April 21st – ASHRAE Webcast presented at local CEGEP (by SA)
8. May 9th – Cold-Climate Building Design Guide course by Frank Mills (by CTTC)
9. May 12th – STM technical visit (by YEA)



REGION II 2015-2016 REPORT MONTREAL CHAPTER 014



YEA Activities

1. November 5th – CRIQ technical visit and happy hour afterwards
2. April 5th – Curling tournament
3. May 9th – Participation in a jury for the Science Expo of 3 of our volunteers
4. May 12th – STM technical visit and happy hour afterwards

Social Events

1. December 7th – Volunteers' Christmas dinner
2. February 10th – ASHRAE career fair
3. March 12th – 3 workshops given to 8th & 9th grade girls by our WiA and SA committees
4. March 14th – Special cocktail closing our half day seminar
5. April 23rd – Member's night out (stand-up comedy & dinner)
6. June 7th - Golf Tournament & cycling event



REGION II 2015-2016 REPORT MONTREAL CHAPTER 014



Research Promotion/Fundraising

- **Chapter Goal** **\$30 000**
- **Total Dollars Raised** **\$31 750**



REGION II 2015-2016 REPORT MONTREAL CHAPTER 014



Chapter Finances

- **Chapter Bank Balance** **\$72,919**
- **Date of Last Audit** **12/2015**
- **No of Chapter Members (AAM)** **564**



REGION II 2015-2016 REPORT MONTREAL CHAPTER 014



New things implemented during the year:

1. Spending a truckload of money: Starting to work on Montréal 2.0
2. Women in ASHRAE events – “breakfast conferences”
3. Paying for a “star” presenter, i.e. Steven Guilbeault
4. ASHRAE Course (Cold climate design)
5. Meeting with local authority (RBQ) to comment on new code issue
6. Partnership with Contech (at their event: kiosk and presentation by the RVC of GGAC Ronald Gagnon on bEQ)
7. New social event: Curling tournament



REGION II 2015-2016 REPORT MONTREAL CHAPTER 014



Challenges:

1. Making the volunteers aware of their responsibilities (about 50 volunteers in the Montreal Chapter)
2. Getting the younger governors to speak their minds when voting in BOG meetings
3. Having a joint-meeting with BOMA: did not succeed but will take place this season

Things Jean-Gab is the most proud of:

1. Having a very diverse and interesting program
2. Steven Guilbeault at a dinner meeting: A record of 233 attendees
3. Average of 179 attendees at dinner meeting
4. Short BOG meetings
5. Last minute Cold climate course by Frank Mills
6. 8 submissions at the Region for Technical awards
7. 1 submission (and winner) at the Milton W Garland award

What about year 2016-2017?

1. Digitalization of our newsletter integrated to new website – going paperless!
2. WiA : aiming for 4 activities for this new committee
3. CRC 2017 in Montreal
4. Another star presenter: David Suzuki Foundation's director for QC
5. Joint meeting with BOMA Quebec – technical symposium
6. Participating in MCEE – ASHRAE sponsored presentation
7. Participating in Contech building expo
8. Investments made for improving online registration system



REGION II 2015-2016 REPORT MONTREAL CHAPTER 014



Ottawa Valley Chapter Activity Report Year 2015-2016

Chapter President : Abbey Saunders



**REGION II 2015-2016 REPORT
OTTAWA CHAPTER 015**

YOUR SPECIAL
PICTURE HERE

Other Technical Events Beside Chapter Meetings

1. Air-to-Air Energy Recovery Seminar (Oct)
2. Bank of Canada Headquarters Tour (Nov)
3. Student Career Fair (Mar)
4. NBC vs. OBC Seminar (Mar)
5. IAQ Technical Session (Apr)
6. Shaw Centre Tour – LEED Silver Building (May)



REGION II 2015-2016 REPORT OTTAWA CHAPTER 015

YOUR SPECIAL
PICTURE HERE

YEA Activities

1. Highlander Pub Social (Oct)
2. Tailgaters Pool Night (Dec)
3. Tailgaters Pool Night (Mar)
4. Wing Night (May)



REGION II 2015-2016 REPORT OTTAWA CHAPTER 015

YOUR SPECIAL
PICTURE HERE

Social Events

1. Stroke Play Golf Tournament (Sep)
2. Bowling Social (Nov)
3. Curling Bonspiel (Mar)
4. Scramble Golf Tournament (Jun)



REGION II 2015-2016 REPORT OTTAWA CHAPTER 015

YOUR SPECIAL
PICTURE HERE

Research Promotion/Fundraising

- **Chapter Goal** **\$27,000**
- **Total Dollars Raised** **\$33,897**



**REGION II 2015-2016 REPORT
OTTAWA CHAPTER 015**

YOUR SPECIAL
PICTURE HERE

Chapter Finances

- **Chapter Bank Balance** **\$31,616**
- **Date of Last Audit** **26 May 2015**
- **No of Chapter Members** **236**



**REGION II 2015-2016 REPORT
OTTAWA CHAPTER 015**

YOUR SPECIAL
PICTURE HERE

New things implemented during the year:

1. Push to have multiple members on committees as co-chairs.
2. Program meetings focused on existing projects in the area.
3. Started creating calendars for each of the committee chairs and executive with specific dates and tasks relevant to our OVC operations.



REGION II 2015-2016 REPORT OTTAWA CHAPTER 015

YOUR SPECIAL
PICTURE HERE

Challenges:

1. Last minute cancellation of February monthly program meeting due to extremely poor weather conditions.
2. Pre-registration for monthly meetings.
3. Follow through on RP donations following commitments.
4. Several returning RP donors elected to contribute less to this year's campaign.
5. Full attendance of all Governors, Executive and committee chairs at monthly program meetings.
6. Keeping RP Major Donor happy without jeopardizing program quality for members.



REGION II 2015-2016 REPORT OTTAWA CHAPTER 015

YOUR SPECIAL
PICTURE HERE

Things you are the most proud of:

1. Attendance at monthly program meetings has increased.
2. Able to allocate funds towards the chapter scholarship goal we established the previous year.
3. Success of the career fair.
4. Research promotion accomplishments.
5. Phenomenal participation at the YEA social events.
6. Excellent attendance at social events.
7. Program quality.



REGION II 2015-2016 REPORT OTTAWA CHAPTER 015

YOUR SPECIAL
PICTURE HERE

What about year 2016-2017?

1. Plans in place for two technical seminars.
2. Several options for technical tours already being investigated.
3. Continuation of regular social events, including YEA activities.
4. Many new incoming committee chairs, and a new member to the Board of Governors.
5. Continue working towards our scholarship goal.



REGION II 2015-2016 REPORT OTTAWA CHAPTER 015

YOUR SPECIAL
PICTURE HERE

Toronto Chapter 016

Activity Report

Year 2015-2016

Chapter President : Alan J Porter, P. Eng.



REGION II 2015-2016 REPORT
TORONTO CHAPTER 017

Other Technical Events beside chapter meetings

1. Retro Commissioning Seminar (Two Day) by ASHRAE Fellow, Past President Terry Thompson. BEAP Certification program.Sep 16.
2. Joint ASHRAE/TSMCA tradeshow. Nov 2.
3. Humber College Learning Resources Centre Event-Tour of LEED Silver Building. Feb 24.
4. Commissioning Seminar ASHRAE/BOMA/BCA-Dr. Lucio Mesquita. Mar 7.
5. CIBSE Special Presentation- How Engineers Can Save Civilization- Fiona Cousins, ARUP.May 26



REGION II 2015-2016 REPORT TORONTO CHAPTER 017

YEA Activities

1. Montreal YEA
2. Pub Night Oct 5th
3. Pub Night Nov 12



REGION II 2015-2016 REPORT TORONTO CHAPTER 017

Social Events

1. Decemberfest Wayne Gretzky's and Second City. Dec 7.
2. Career Fair-Ryerson University. March 9
3. Annual Golf Tournament. June 13
4. Annual Cycling Tour. June 13

Research Promotion/Fundraising

- **Chapter Goal** **\$35,000**
- **Total Dollars Raised** **\$37,580**



**REGION II 2015-2016 REPORT
TORONTO CHAPTER 017**

Chapter Finances

- **Chapter Bank Balance** **\$95,000**
- **Date of Last Audit (Pending)** **06/16**
- **No of Chapter Members** **505**



**REGION II 2015-2016 REPORT
TORONTO CHAPTER 017**

New things implemented during the year:

1. Added lunch hour prior to monthly BOG meeting to get general discussions out of the way. BOG meeting agenda could be followed once BOG started. Shortened overall length of BOG meetings.
2. Formalized the Chapter volunteer database to have all volunteers engaged as soon as they are on the list.



REGION II 2015-2016 REPORT TORONTO CHAPTER 017

Challenges:

1. Weak attendance by consultants and consulting firms
2. Increasing Chapter membership as a percentage of Assigned membership.
3. Keeping website current.
4. Un-authorized control of Toronto Chapter Linked-in group
5. BOG Meeting attendance



REGION II 2015-2016 REPORT TORONTO CHAPTER 017

Things you are the most proud of:

1. Growing volunteer base.
2. Increasing consultant participation at BOG and Committee levels.
3. Setting up History website and populating it with digitized content.
4. Career Fair
5. Obtaining an auditor for the Audit.
6. Chapter Constitution and Bylaws Update



REGION II 2015-2016 REPORT TORONTO CHAPTER 017

What about year 2016-2017?

1. Second Annual joint ASHRAE/TSMCA trade show.
2. Add more consultants to the BOG and Committees.
3. Solicit consultants to promote Toronto Chapter to their employees and provide financial support to employees who want to join.
4. Increase the volunteer base
5. Develop chapter leadership for upcoming years.
6. Eliminate unauthorized Linked-in group controller.



REGION II 2015-2016 REPORT TORONTO CHAPTER 017



Hamilton Chapter

037 Hamilton Chapter Activity Report Year 2015-2016

Chapter President : Frank Mesicek



**REGION II 2015-2016 REPORT
HAMILTON CHAPTER 037**



Other Technical Events beside chapter meetings

1. New Hamilton Plant, Nickel Brook Brewery Refrigeration Tour



REGION II 2015-2016 REPORT HAMILTON CHAPTER 037



YEA Activities

1. Pub Nights



REGION II 2015-2016 REPORT HAMILTON CHAPTER 037



Social Events

1. Social Dinner in December



REGION II 2015-2016 REPORT HAMILTON CHAPTER 037



Research Promotion/Fundraising

- **Chapter Goal** **\$9000**
- **Total Dollars Raised** **\$9107**



REGION II 2015-2016 REPORT HAMILTON CHAPTER 037



Chapter Finances

- **Chapter Bank Balance** **\$23132.**
- **Date of Last Audit** **July/2015**
- **No of Chapter Members** **286**



REGION II 2015-2016 REPORT HAMILTON CHAPTER 037



New things implemented during the year:

1. Variety in meeting locations.
2. Getting better leverage from SSU (Simple Sign-Up)
3. Higher costs for Dinners and Golf made a difference.



REGION II 2015-2016 REPORT HAMILTON CHAPTER 037



Challenges:

1. Getting early registrations through SSU. Many last minute people.
2. Getting people to consistently volunteer, due to work/personal demands.



REGION II 2015-2016 REPORT HAMILTON CHAPTER 037



Things you are the most proud of:

1. Great attendance at key meetings; CRC, Winter and Summer!
2. Team Building
3. Greater Student Engagement!



REGION II 2015-2016 REPORT HAMILTON CHAPTER 037



What about year 2016-2017?

1. Change in Leadership and Chairs, given the end of a 2-year cycle.
2. More volunteers than ever!
3. Continued focus on Students.
4. Growth of University of Waterloo Student Chapter.



REGION II 2015-2016 REPORT HAMILTON CHAPTER 037



London Chapter Activity Report Year 2015-2016

Chapter President : Jordan Foster



**REGION II 2015-2016 REPORT
LONDON CANADA CHAPTER 116**



Other Technical Events beside chapter meetings

1. October 2015 – BEQ presentation to City of London staff with DRC Doug Cochrane
2. February 2016 – London District Energy Tour
3. Sustainability committee was started with a couple of meetings hosted throughout the year with community members with a strong influence in various sectors of the sustainability community



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



YEA Activities

1. October 2015 – Hamilton/London Ultimate Frisbee
2. April 2016 – Social soccer game following the webcast for the April Meeting
3. February 2016 – Local factory tour
4. February 2016 – Joined Toronto chapter for student career fair
5. March 2016 – March DL presented to the student chapter



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



Social Events

1. December 2015 – Holiday Cheer Social
2. April 2016 – Soccer social game following webcast
3. June 2016 – Chapter Golf Tournament – Firerock Golf Club



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



Membership

- 128 Society Assigned Members
- 27 Student Members



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



Research Promotion/Fundraising

- **Chapter Goal** **\$12,500**
- **Total Dollars Raised** **\$12,550**



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



Chapter Finances

- **Current Balance: \$20,401.78**
- **Total Income: \$66,063.83**
- **Total Expense: \$65,867.16**
- **Net Income: \$196.67**
- **Audit completed in July 2016**



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



New things implemented during the year:

1. Square app to accept payments at meetings and events by credit card
2. Started table top presentations at meetings
3. Lunch time BOG meetings
4. Waveapp to track finances of the chapter



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



Challenges:

1. Motivating volunteers
2. Finding student sponsors to cover student meal costs at meetings



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



Things you are the most proud of:

1. Golf Tournament Success
2. Past President's meeting – attended by the chapter's first vice president
3. ASHRAE Webcast Attendance and soccer social – 30 attendees
4. New YEA BOG participants



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



What about year 2016-2017?

- **Increase membership**
- **Engage more sectors of the community (i.e. contractors & other disciplines)**
- **Increase student sponsors**
- **Activate College Chapter**



REGION II 2015-2016 REPORT LONDON CANADA CHAPTER 116



Windsor Chapter 141 Activity Report Year 2015-2016

Chapter President : Paul Greff (2016-17)



REGION II 2015-2016 REPORT
WINDSOR CHAPTER 141



Other Technical Events beside chapter meetings

1. ASHRAE Webcast April 21
2. Student Science Fair

YEA Activities

1. YEA member lunch meeting, brainstorm ideas for events

Social Events

1. Golf Tournament
2. December Christmas Social
3. Information Meeting with Visiting Regional Board Members

Research Promotion/Fundraising

- **Chapter Goal** **\$6,500**
- **Total Dollars Raised** **\$8,400**



**REGION II 2015-2016 REPORT
WINDSOR CHAPTER 141**



Chapter Finances

- **Chapter Bank Balance** **\$6,800.44**
- **Date of Last Audit** **10/15**
- **No of Chapter Members**
64



**REGION II 2015-2016 REPORT
WINDSOR CHAPTER 141**



New things implemented during the year:

1. New Website hosted by ourselves to allow for technical advancements not offered by society
2. New Revamped Newsletter
3. New Chapter Banner
4. Table Tops each Chapter meeting
5. Mentoring – Pairing (we pair YEA with OEA)



REGION II 2015-2016 REPORT WINDSOR CHAPTER 141



Challenges:

1. Attendance to meetings
2. Getting members involved
3. New Members to get involved
4. Student Activities
5. YEA events
6. GGA – last year was not active. Need to engage, especially with upcoming government changes.

Things you are the most proud of:

1. New Website – kept up to date regularly
2. Newsletter – new, improved, distributed to all each month
3. Four YEA involvement in the BOG (Pres, Pres-elec, Treas, Sec)
4. Chapter Banner – Newly purchased and displayed at all events
5. Surge of Energy within the Chapter – not dissolving the Chapter
6. 9 new members, net 5 members

What about year 2016-2017?

1. Need to continue our current momentum of positive energy
2. Table Tops – need them at every meeting
3. More Technical and GGA related topics (relevant to the audience)
4. Communication between Committee Chairs
5. Committee Chair Reporting and Support
6. Mentoring of our YEA BOG
7. #myashrae #myashraewindsor #myashrae2– promoting ASHRAE
8. Increased attendance at our BOG meetings



**REGION II 2015-2016 REPORT
WINDSOR CHAPTER 141**



APPENDIX – D

RVC REPORTS

History
Grassroots Government Activities (GGA)
Membership Promotion (MP)
Chapter Technical Transfer (CTTC)
Research Promotion (RP)
Student Activities (SA)
Young Engineers In ASHRAE (YEA)

Regional Historian Activity Report Year 2015-2016

RVC - Rod Potter Ottawa Valley Chapter



**REGION II 2015-2016 REPORT
RVC Historical**

PAOE HISTORICAL 2015-2016

PAOE 2015-2016 (MIN 100;PAR 300)

Quebec = 500

Halifax = 500

Montreal = 500

London = 400

Ottawa Valley = 650

NB/PEI = 475

Toronto = 450

Windsor = 400

Hamilton = 600



REGION II 2015-2016 REPORT
RVC Historical

Chapter Visits and Chapter Visit Highlights

1. 2015.11.02 Toronto

- Visited Toronto Chapter and did presented a history Power Point presentation
- Joint meeting with SMACNA

2. 2016.01.24 Orlando Society meeting

- Attended Historians meeting

3. 2016.03.09 Halifax

- Visited Halifax Chapter and did presented a history Power Point presentation
- Single day visit no overnight



REGION II 2015-2016 REPORT RVC Historical

Communication with the chapters



REGION II 2015-2016 REPORT RVC Historical

New things implemented during the year:

1. Digital Storyboard



REGION II 2015-2016 REPORT RVC Historical

Challenges:

1. Getting people to realize the importance of scanning and posting nearly everything on the Chapter website
2. Getting people to realize the importance of taking photos at ALL events and getting these posted on the Chapter website



REGION II 2015-2016 REPORT RVC Historical



Grassroots Government Advocacy Committee

RVC Region II Activity Report Year 2015-2016

RVC: Ron Gagnon



REGION II 2015-2016 REPORT
RVC GGAC

Chapter Visits and Chapter Visit Highlights

1. Chapter visit

- i. Montreal
- ii. Quebec city

2. Upcoming chapter visit (to be finalized with DRC at CRC)

- i. Ottawa
- ii. Halifax
- iii. NB / PEI



REGION II 2015-2016 REPORT
RVC GGAC

Chapter Highlights

1. All 9 chapter have a GGAC chair
2. Montreal and Quebec city chapter where consulted and participated in the new building energy efficiency law for the province of Quebec to be instated in 2017. BeQ was introduced.
3. Three conferences on BeQ were given (in the brand new French format) good attendance and genuine interest.
4. Quebec city chapter meet with government agencies and ministries on code issues and BeQ. Updated contact list. Multiple newsletter articles, meeting
5. Halifax have an updated contact list and have shared it with other chapters. Local GGAC chair got chair Bahnfleth to meet with local officials while on a DL visit. I will revisit officials during fall.
6. Toronto- active. Multiple people on committee. Updated list. Few BEQ presentations, legislation for energy benchmarking and reporting; legislation for min equipment eff stds, organizing beq training for fall. Presentations to consultants and university. Newsletter articles



REGION II 2015-2016 REPORT RVC GGAC

Communication with the chapters

- CRC training
- E-mail
- Web meeting
- Chapter visits
- New Crazy Canucks initiative (Rob Craddock)



REGION II 2015-2016 REPORT
RVC GGAC

New things implemented during the year:

1. Best practice sharing
2. E-mail updates
3. Chair continuity



REGION II 2015-2016 REPORT
RVC GGAC

Challenges:

1. Feedback from chapters
2. Trying to match up claimed points with what is reported
3. Different levels of engagement.
4. Different proximity with elected officials than in the US
5. Language barrier (Hydro Quebec offer to translate Building EQ documentation with chapter involvement). Request for a society MOU towards Hydro Quebec.



REGION II 2015-2016 REPORT RVC GGAC

Acknowledgments :

1. Presence and support from society staff is swift, efficient and overall fantastic
2. I've now really felt the strength of the force (ASHRAE) when local issues come up and we request support, the ASHRAE network kicks in hyperdrive and info flies back at you at the speed of light.



**REGION II 2015-2016 REPORT
RVC GGAC**



1791 Tullie Circle, NE · Atlanta, Georgia 30329-2305 · Phone: 404.636.8400 · Fax: 404.321.5478 · www.ashrae.org

TO:	Doug Cochrane DRC, Region II	DATE:	August 22, 2016
		SUBJECT:	Region II, Year End Membership Report for CRC
FROM:	Mark Lawrence RVC Region II	REPLY TO:	M. Lawrence Engineering Ltd 22 Canary Cres Halifax NS B3M 1R1 902-222-5364

REGIONAL ACTIVITIES

- 1) See table below for regional statistics by chapter as of the end of May 2016. Highlights include:
 - a) 7 of 9 chapters are showing net negative growth
 - b) New members (as of end of May): -65
 - c) Percent of goal: -107% (goal this year is 61 new members)
 - d) The larger chapters (Toronto and Montreal) are showing the largest losses
- 2) Attended Region II Regional Planning April 9th.
- 3) Chapter visits: 2 of 3 planned visits completed: London, NB/PEI
 - a) London chapter visit included membership discussion with local consulting firm.
 - b) Was unsuccessful contacting Windsor chapter to make arrangements for visit.
- 4) RVC communications with chapter MP Chairs:
 - a) Email newsletters since January: 3

CHAPTER CONTACT

- 1) Spring reporting: 2 of 9 chapters submitted/communicated spring reports
- 2) PAOE Points: 7 of 9 chapters have updated PAOE points as of June 9.

CHAPTER HIGHLIGHTS

- 1) Montreal Chapter was very active in MP events and innovations; excellent work to be congratulated. For example: Grade Advancement campaign moved 28 Associate Members to Full Membership.

CHALLENGES

- 1) Receiving feedback or responses from Chapters.



Shaping Tomorrow's
Built Environment Today

1791 Tullie Circle, NE · Atlanta, Georgia 30329-2305 · Phone: 404.636.8400 · Fax: 404.321.5478 · www.ashrae.org

region name	chapter	Begin (July 1 of current society year)	Current (end of current month)	Del	% Del	New Mem	% New Mem
REGION II	HALIFAX	167	178	3	1.80	23	13.77
REGION II	HAMILTON	245	258	6	2.45	24	9.80
REGION II	LONDON (CANADA)	128	124	0	0.00	13	10.16
REGION II	MONTREAL	564	558	14	2.48	54	9.57
REGION II	NB/PEI	164	161	3	1.83	15	9.15
REGION II	OTTAWA VALLEY	402	406	10	2.49	34	8.46
REGION II	QUEBEC	179	179	4	2.23	16	8.94
REGION II	TORONTO	1154	1132	46	3.99	101	8.75
REGION II	UNASSIGNED REGION II	2	2	0	0.00	0	0.00
REGION II	WINDSOR	58	63	0	0.00	9	15.52

region name	chapter	Cancels	% Cancels	Net Growth	% Net Growth	Transfers
REGION II	HALIFAX	15	8.98	8	4.79	3
REGION II	HAMILTON	26	10.61	-2	-0.82	15
REGION II	LONDON (CANADA)	14	10.94	-1	-0.78	-3
REGION II	MONTREAL	81	14.36	-27	-4.79	21
REGION II	NB/PEI	18	10.98	-3	-1.83	0
REGION II	OTTAWA VALLEY	34	8.46	0	0.00	4
REGION II	QUEBEC	19	10.61	-3	-1.68	3
REGION II	TORONTO	141	12.22	-40	-3.47	18
REGION II	UNASSIGNED REGION II	0	0.00	0	0.00	0
REGION II	WINDSOR	6	10.34	3	5.17	2

Regards,

Mark Lawrence
RVC for Region II

RVC RP Activity Report Year 2015-2016

RVC: Anthony Jonkov



**REGION II 2015-2016 REPORT
RVC RP**

Chapter Visits and Chapter Visit Highlights

1. Quebec City Chapter
2. Hamilton chapter
3. Montreal Chapter

I was well received by each chapter. I attended the BOG meetings in all cases and was able to address the members for a few minutes during the diner event.



REGION II 2015-2016 REPORT RVC RP

Chapter Highlights

1. **New record for Region II : \$179,344.00**
2. All 9 chapters made their goal!!!
3. NB/PEI and Windsor achieved their challenge (High Five + 5%) goal
4. Enbridge still supporting RP...because every year they say this is the last.

ASHRAE RP\$2,538,417.00....new all time high for Society.



**REGION II 2015-2016 REPORT
RVC RP**

Chapter Highlights

CHAPTER	Goal	Final	% of goal
Windsor	\$ 6,500.00	\$ 8,400.00	129.2 %
Ottawa Valley	\$ 27,000.00	\$ 33,879.00	125.5 %
NB/PEI	\$ 12,500.00	\$ 15,009.00	120.1 %
Montreal	\$ 30,000.00	\$ 32,794.00	109.3 %
Toronto	\$ 35,000.00	\$ 37,630.00	107.5 %
London	\$ 12,500.00	\$ 12,816.00	102.5 %
Halifax	\$ 9,500.00	\$ 9,625.00	101.3 %
Hamilton	\$ 9,000.00	\$ 9,107.00	101.2 %
Quebec City	\$ 20,000.00	\$ 20,084.00	100.4 %
TOTAL	\$162,000.00	\$ 179,344.00	110.7%



REGION II 2015-2016 REPORT RVC RP



Communication with the chapters

- Very good communication from certain chapters as I was kept in the loop with the progression of the campaign and was copied on most emails to Society.
- No conference calls with all chapters at once. Mostly one on one phone calls with each RP chair when we were close to a specific deadline
- Some chapters were just sending the money and did not keep me up to date unless I asked.
- Some chapters rarely returned my phone calls



REGION II 2015-2016 REPORT
RVC RP

New things implemented during the year:

1. Asked the RP chairs to focus early on New donors, based on the 10 year history donor list we have access on ASHRAERP.com.
2. More follow ups with struggling chapters



REGION II 2015-2016 REPORT RVC RP

Challenges:

1. Getting RP chairs engaged, especially after a presidential year.
2. Training from Society on how the funds are used and how a project is chosen for RP.... is insufficient. The RP chairs should know....most of them do not know going into the centralized training and Society does not spend enough time on it
3. Getting Enbridge to commit once again for \$10K. The check arrived the day we were closing the campaign.



REGION II 2015-2016 REPORT RVC RP

RVC SAC Activity Report Year 2015-2016

**RVC (incoming): Ben Oliver
RVC (rolling off): Robyn Ellis**



**REGION II 2015-2016 REPORT
RVC Student Activities**

Chapter Visits and Chapter Visit Highlights

1. Ottawa (March)

- Algonquin College
- William P. Bahnfleth, Distinguished Lecturer, Variable Primary Flow Chilled Water Systems

2. Hamilton

- Noise and Classroom HVAC (Feb)
- Super Tall Buildings (Nov)
- McMaster Faculty Club –Dedicated Outdoor Air (Oct)



REGION II 2015-2016 REPORT RVC Student Activities

Chapter Highlights

1. **Montreal** -ASHRAE Montreal Career fair day, 19 students to Orlando, sustainable development day seminar.
2. **Hamilton** -Ultimate Frisbee student/YEA event, Mohawk college Refrigeration class, pre apprentice plumbing class, HRAC course, McMaster 2nd year thermodynamics, 4th year sustainable energy.
3. Toronto –ASHRAE grant for research to Ryerson on “design and prototyping of a heat transfer enhanced hybrid air based building integrated solar photovoltaic/thermal (BIPV/T) collector for net-zero energy building applications,” visit to Lakehead with Doug Cochrane, career fair, students in Orlando.
4. Ottawa –Annual Ottawa Regional Science Fair held at Carleton University >200 students attended!



REGION II 2015-2016 REPORT RVC Student Activities

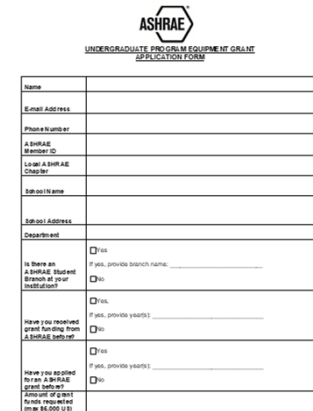
New things implemented during the year:

Senior Undergraduate Project Grant
name changed to
Undergraduate Program Equipment Grant

New form available in September

Applications due mid-December

<https://www.ashrae.org/membership--conferences/student-zone/scholarships-and-grants/about-undergraduate-program-equipment-grants>

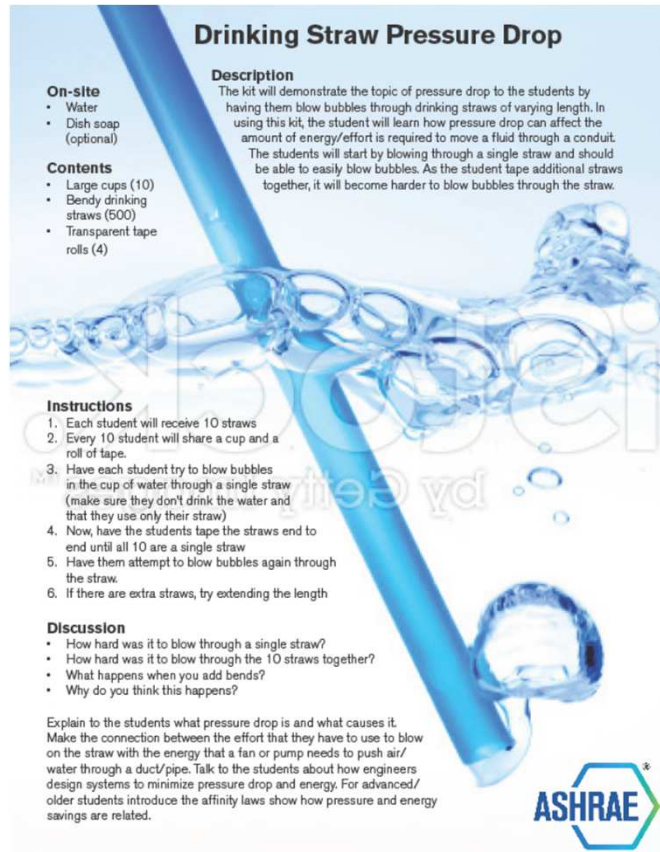


The image shows a sample of the ASHRAE Undergraduate Program Equipment Grant Application Form. The form includes fields for Name, Email Address, Phone Number, ASHRAE Member ID, Local ASHRAE Chapter, School Name, School Address, and Department. It also contains three questions with checkboxes: 'Is there an ASHRAE Student Branch at your institution?', 'Have you received grant funding from ASHRAE before?', and 'Have you applied to an ASHRAE grant before?'. The last question includes a field for 'Amount of Grant funds requested (max \$5,000 US)'.



REGION II 2015-2016 REPORT RVC Student Activities

New things implemented during the year:



STEM kits for K-12

- Pilot project
- Classroom use
- Student Activities
- Ordered through Society



REGION II 2015-2016 REPORT RVC Student Activities

New things implemented during the year:



Centralized SA Training

2016 St. Louis

(2015 Atlanta was
the first year of
training)



REGION II 2015-2016 REPORT RVC Student Activities

New things implemented during the year:



2015 CRC
Bubble
Soccer



REGION II 2015-2016 REPORT
RVC Student Activities

RVC YEA Activity Report Year 2015-2016

RVC: Audrey Dupuis



**REGION II 2015-2016 REPORT
RVC YEA**

Chapter Visits and Chapter Visit Highlights

1. May 2016 - Windsor

- Student night – those student are potential YEA members
- For the size of the meeting, there was a lot of YEA members present
- The goal was to motivate the locals to get engage in the chapter to fill out positions
- Think we did good, saw a couple of new names on the CIQ
- Congrats Paul.



REGION II 2015-2016 REPORT RVC YEA

Chapter Highlights

1. Lots of technical tours everywhere
2. Ottawa had a great turnout for a music/pub night
3. Hamilton and London had a Ultimate Frisbee rerun
4. Montreal had a curling activity where they had consulting firms and manufacturers play against each other companies
5. 2 % increase in YEA members for Region 2



REGION II 2015-2016 REPORT RVC YEA

Communication with the chapters

- Conference call, emails
- Great participation from the chapters for Region 2 programs : Contest for YLW and LeaDRS
- Great participation to YLW from the chapters
- Great participation from the chairs for mid term report



REGION II 2015-2016 REPORT RVC YEA

New things implemented during the year:

1. YCC MBO's : 6 out of 9 YCC did submitted their MBO to me by the end of September. PAOE points for that, will repeat this year.
2. Conference call in December with the chairs



REGION II 2015-2016 REPORT RVC YEA

Challenges:

1. Feedback from the chair. No articles from YEA activities were submitted for the YEA newsletter.



REGION II 2015-2016 REPORT RVC YEA

My special pictures



REGION II 2015-2016 REPORT RVC YEA

CRC 2017 - Montreal - Preliminary Budget	Simulation #1				Simulation #2				Simulation #3			
	Cost	Service	Taxes	Total	Cost	Service	Taxes	Total	Cost	Service	Taxes	Total
Hotel	Alt Hotel				Alt Hotel				Alt Hotel			
Attendees (total)	80				100				120			
Full registration	40				40				45			
Partial registration	35				50				60			
Companion registration	5				10				15			
Rooms	80				100				120			
Cost per night	\$ 159				\$ 159				\$ 159			
Thursday (rooms)	40				50				60			
Friday (rooms)	80				100				120			
Saturday (rooms)	80				100				120			
Total cost	\$ 31,800				\$ 39,750				\$ 47,700			
Expenses												
Friday												
Attendees that day	40				50				50			
Main meeting room for business mtg and banquet	incl.				incl.				incl.			
Additional mtg room for regional meeting break (full)	\$ 350	\$ 70.0	\$ 52.43		\$ 350	\$ 70.0	\$ 52.43		\$ 350	\$ 70.0	\$ 52.43	
breakfast (full)	incl.				incl.				incl.			
Lunch (full)	\$ 261	\$ 52.2	\$ 39.10		\$ 348	\$ 69.6	\$ 52.13		\$ 348	\$ 69.6	\$ 52.13	
Lunch (full)	incl.				incl.				incl.			
Hotel meeting package (full)	\$ 2,680	\$ 536.0	\$ 401.46		\$ 3,350	\$ 670.0	\$ 501.83		\$ 3,350	\$ 670.0	\$ 501.83	
Banquet (full+partial)	\$ 7,120	\$ 1,424.0	\$ 1,066.58		\$ 8,900	\$ 1,780.0	\$ 1,333.22		\$ 10,680	\$ 2,136.0	\$ 1,599.86	
Hospitality suite - (Salle orange-disponible avant le banquet et après)	gratuit				gratuit				gratuit			
S-total	\$ 10,411	\$ 2,082	\$ 1,560	\$ 14,053	\$ 12,948	\$ 2,590	\$ 1,940	\$ 17,477	\$ 14,728	\$ 2,946	\$ 2,206	\$ 19,880
Saturday												
Attendees that day	80				100				120			
Main meeting room for business mtg	incl.				incl.				incl.			
Additional rooms (7 total) YEA and MP in same room break (full+partial)	\$ 1,800		\$ 269.64		\$ 1,800		\$ 269.64		\$ 1,800		\$ 269.64	
	incl.				incl.				incl.			
Breakfast (extra plateau fruits servi dans les 2 foyers) (full+partial)	\$ 252	\$ 50.4	\$ 37.75		\$ 336	\$ 67.2	\$ 50.33		\$ 420	\$ 84.0	\$ 62.92	
Lunch (servi dans les 2 foyers) (full+partial)	incl.				incl.				incl.			
Hotel meeting package (full+partial)	\$ 6,720	\$ 1,344.0	\$ 1,006.66		\$ 8,400	\$ 1,680.0	\$ 1,258.32		\$ 10,080	\$ 2,016.0	\$ 1,509.98	
Hospitality suite - (Salle orange-disponible avant le banquet et après)	gratuit				gratuit				gratuit			
S-total	\$ 6,720	\$ 1,344	\$ 1,007	\$ 9,071	\$ 8,400	\$ 1,680	\$ 1,258	\$ 11,338	\$ 10,080	\$ 2,016	\$ 1,510	\$ 13,606
Sunday												
Attendees that day	80				100				120			
Main meeting room for business mtg	\$ 750		\$ 112.35		\$ 750		\$ 112.35		\$ 750		\$ 112.35	
break (full)	\$ 640	\$ 128.0	\$ 95.87		\$ 800	\$ 160.0	\$ 119.84		\$ 960	\$ 192.0	\$ 143.81	
Breakfast (full+partial)	\$ 1,680	\$ 336.0	\$ 251.66		\$ 2,100	\$ 420.0	\$ 314.58		\$ 2,520	\$ 504.0	\$ 377.50	
S-total	\$ 3,070	\$ 464	\$ 460	\$ 3,994	\$ 3,650	\$ 580	\$ 547	\$ 4,777	\$ 4,230	\$ 696	\$ 634	\$ 5,560

CRC 2017 - Montreal - Preliminary Budget	Simulation #1				Simulation #2				Simulation #3			
	Cost	Service	Taxes	Total	Cost	Service	Taxes	Total	Cost	Service	Taxes	Total
Other expenses												
Saturday Night Event	\$ 10,000	\$ 2,000.0	\$ 1,498.00		\$ 12,500	\$ 2,500.0	\$ 1,872.50		\$ 15,000	\$ 3,000.0	\$ 2,247.00	
Animation saturday - Jessica Harnois	\$ 3,000		\$ 449.40		\$ 3,000		\$ 449.40		\$ 3,000		\$ 449.40	
Hospitality suite (beverages & Food)	\$ 5,000		\$ 749.00		\$ 5,000		\$ 749.00		\$ 5,000		\$ 749.00	
Cadeaux dignitaires x 4	\$ 500		\$ 74.90		\$ 500		\$ 74.90		\$ 500		\$ 74.90	
AV (Micro sans fil pour souper vendredi)	\$ 400		\$ 59.92		\$ 400		\$ 59.92		\$ 400		\$ 59.92	
Companion Program (à la carte)	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
Promotional Material	\$ 2,000		\$ 299.60		\$ 2,000		\$ 299.60		\$ 2,000		\$ 299.60	
Thursday night dinner (dignitaires)	\$ 1,300		\$ 194.74		\$ 1,300		\$ 194.74		\$ 1,300		\$ 194.74	
CRC secretary	\$ 500		\$ 74.90		\$ 500		\$ 74.90		\$ 500		\$ 74.90	
\$-total	\$ 22,700	\$ 2,000	\$ 3,400	\$ 28,100	\$ 25,200	\$ 2,500	\$ 3,775	\$ 31,475	\$ 27,700	\$ 3,000	\$ 4,149	\$ 34,849
Total dépenses sans les chambres	\$ 42,901.00	\$ 5,890.20	\$ 6,426.57	\$ 55,217.77	\$ 50,198	\$ 7,350	\$ 7,520	\$ 65,067.26	\$ 56,738	\$ 8,658	\$ 8,499	\$ 73,894.95
Revenus												
Sponsors - Jessica Harnois	\$ 3,000			\$ 3,000	\$ 3,000			\$ 3,000	\$ 3,000			\$ 3,000
Sponsors - Hospitality Suite	\$ 3,000			\$ 3,000	\$ 3,000			\$ 3,000	\$ 3,000			\$ 3,000
Sponsors - Award Luncheon	\$ 1,000			\$ 1,000	\$ 1,000			\$ 1,000	\$ 1,000			\$ 1,000
Sponsors - 3 days	\$ 3,000			\$ 3,000	\$ 3,000			\$ 3,000	\$ 3,000			\$ 3,000
Seed Money from Region II	\$ 10,500			\$ 10,500	\$ 10,500			\$ 10,500	\$ 10,500			\$ 10,500
Wine for award dinner (Windsor Chapter)	\$ 1,000			\$ 1,000	\$ 1,000			\$ 1,000	\$ 1,000			\$ 1,000
Full registration	\$ 450		\$ 67.41	\$ 20,696.40	\$ 450		\$ 67.41	\$ 20,696.40	\$ 450		\$ 67.41	\$ 23,283.45
Partial registration	\$ 350		\$ 52.43	\$ 14,085.05	\$ 350		\$ 52.43	\$ 20,121.50	\$ 350		\$ 52.43	\$ 24,145.80
Companion registration	\$ 250		\$ 37.45	\$ 1,437.25	\$ 250		\$ 37.45	\$ 2,874.50	\$ 250		\$ 37.45	\$ 4,311.75
Total des revenus				\$ 57,718.70				\$ 65,192.40				\$ 73,241.00
Net balance				2,500.93 \$				125.14 \$				(653.95 \$)



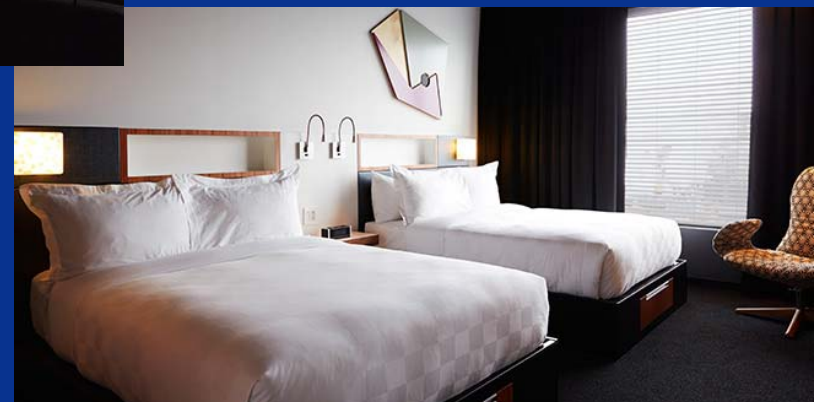
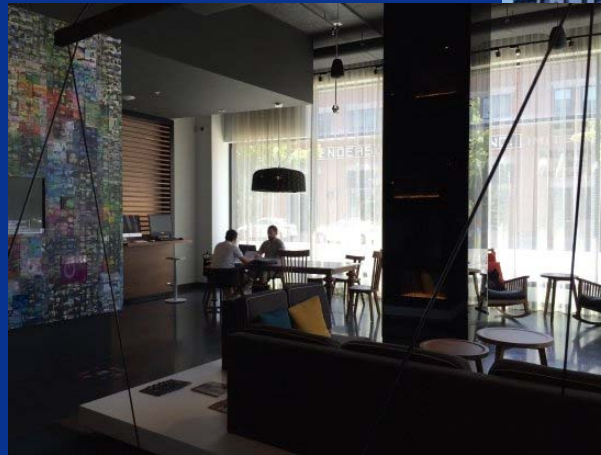
CRC 2017 Montréal

August 25-27, 2017

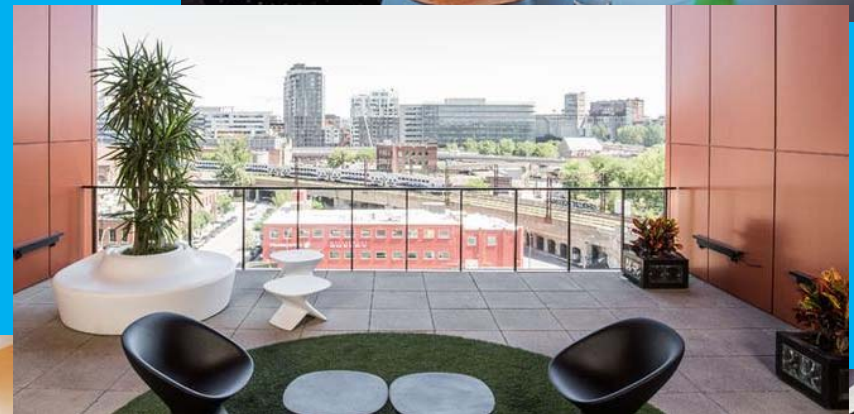
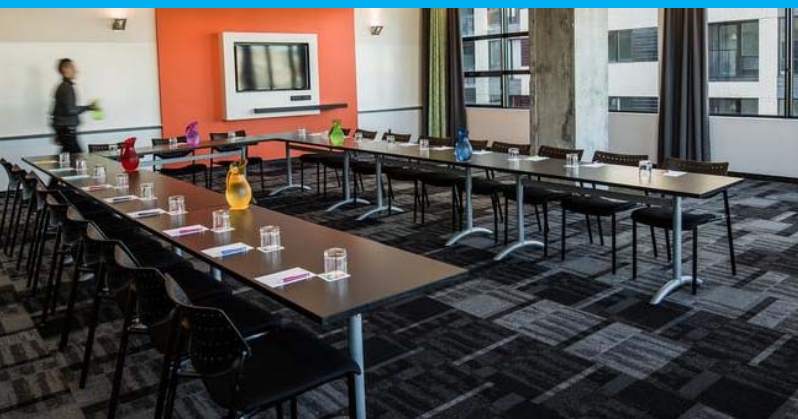
What we
envision
for you?



- Alt Hotel Griffintown
- Boutique Hotel opened in 2015
- Nested in the trendy Griffintown neighborhood
- At the entrance of downtown
- Steps away from the Lachine Canal and Old Montreal
- Many Near by Restaurants
- Rooms with one or two beds
- Ecofriendly building including geothermal system



- Entire conference floor to be ours for the CRC
- With beautiful “different” views of Montreal
- Hotel room at \$159 per night



Friday

- AM & PM: Business Meetings
- Presidential and Award Dinner at the hotel
- Companion Activities

Saturday

- AM: Business Meetings
- PM: Committee workshops
- Evening Social outside the hotel
- Companion Activities

Sunday

- Business Meeting

We are also considering

- Saturday AM: Technical Visit
- YEA leadership session

A man in a dark suit and tie is standing behind a glass surface, holding a black marker. He has just written the word 'Agenda' in a large, white, cursive font. Below the word, there are six numbered lines, each consisting of a number followed by a horizontal line, intended for a list of agenda items.

Agenda

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____

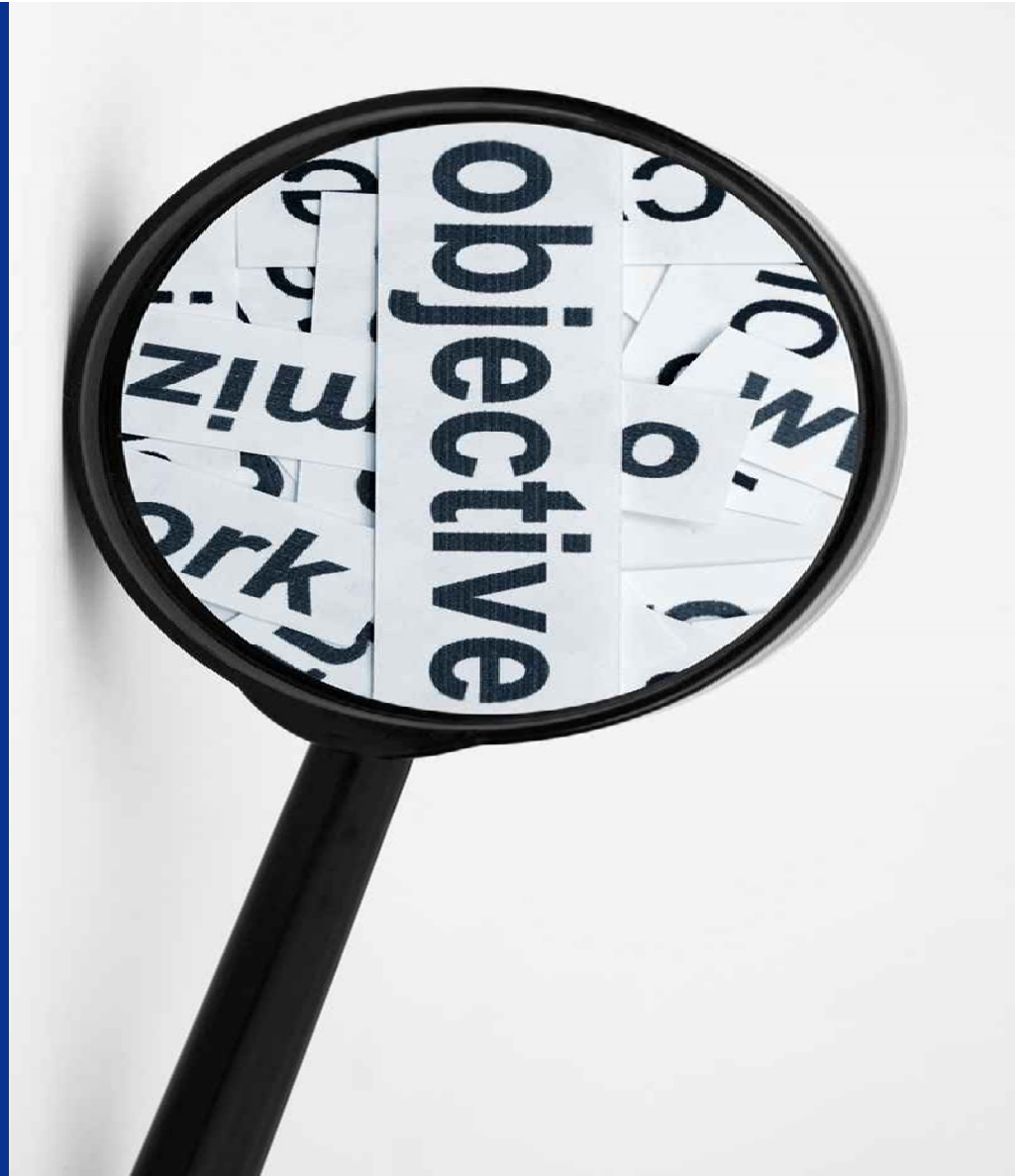
Saturday Dinner with Vegas style Wine Tasting Game

- By Sommelier Jessica Harnois
- Learn the basics and the technique: from visual, olfactory and taste analysis
- Blind tasting of pre-selected wines
- Use of poker chips to guess the taste tag, the grape, whether it originates from the Old or the New World, the origin country and the vintage
- The participant with the most chips wins!
- Don't need to be a wine connoisseur to play
- Blind tasting is a testing challenge even for the most renowned sommelier in the world



Our objective

- Maximize inter-chapter exchanges: everyone to arrive on Friday
- High number of YEA Participants
- Welcome families
- Have chapter to send as many people as possible: CRCs are good volunteer motivator!!!!
- Have a CRC where everyone feels at home



We look
forward to
see all of
you in one
year



ASHRAE Honors and Awards Ceremony

Region II – CRC NB/PEI

Date: Saturday August 27, 2016





GRACE

Performed by: **Dave Potter**





CRC 2017 Montréal

August 25-27, 2017

CTTC ALLEN HANLEY PLAQUE FOR THE BEST CTTC CHAPTER CHAIR

- ❑ This award has been presented since 1997 and is in memory of an outstanding Montreal ASHRAE member who was involved in many ASHRAE technical activities. The award is selected by the Region II Regional Vice-Chair of the Society CTTC Committee and is based on a number of factors.

Award Recipient: **Montreal Chapter- Isabelle-Eve Poirier**

Chapter Star Program: **NB-PEI Chapter – Robert Hoadley**



REGIONAL ASHRAE TECHNOLOGY AWARDS COMPETITION

- ❑ At first glance, the projects in a category where there are two projects or less pass if criteria's and quality are adequate.
- ❑ Second, if more than two projects are competing in the same category, a change of category is privileged to keep as many contestants in the Region, and therefore at Society.
- ❑ Finally, judging is made on projects still in competition in the same categories to determine which are selected for submission in the Region II competition. Rejected projects, if they are of sufficient quality, may be resubmitted the following year. Note that in case of such a competition, the CTTC Regional Vice-Chair will evaluate applications along with an ad hoc committee made of Regional Officers.



REGIONAL ASHRAE TECHNOLOGY AWARDS COMPETITION

The list below represents all of the projects submitted to the Regional competition:

Submission	Category	Chapter	New	Existing
2020 University (Robert-Bourasa) Nicholas Paquet	Commercial	Montreal		x
Bibliotheque Ville de Mon-Royal Martin Roy	Institutional Other	Montreal	x	
Dicom Head Office Daniel Robert	Commercial	Montreal	x	
Sobeys Distribution Center Martin Roy	Industrial Facility	Montreal	x	
Latier Nutrinor Gheorghe Mihalache	Industrial Facility	Montreal		x
McLennan and Redpath Buildings McGill Univeristy Nicolas Paquet	Educational Facility	Montreal		x
Caisse Desjardin de l'Ouest de la Mauricie Martin Roy	Commercial	Montreal	x	
STM-Construction du Centre de Transport de Stinson Julien Allard	Industrial Facility	Montreal	x	
Humber River Hospital Kurt Monteiro	Health Care Facility	Toronto	x	

In total 9 projects submitted (to be submitted for Society no later than August 30th, 2016)



REGIONAL ASHRAE TECHNOLOGY AWARDS COMPETITION

1. Category: **Commercial Building**

Presented to: **Daniel Robert** – Montreal Branch

Building: **Dicom World Head Office**

1. Category: **Existing Industrial Facility**

Presented to: **Gheorghe Mihalache** – Montreal Branch

Building: **Laiterie Nutrinor**



REGIONAL ASHRAE TECHNOLOGY AWARDS COMPETITION

3. Category: **Industrial Facility**

Presented to: **Julien Allard** – Montreal Branch

Building: **STM – Centre de Transport de Stinson**

4. Category: **Health Care Facility**

Presented to: **Kurt Monteiro** – Toronto Branch

Building: **Humber River Hospital**



REGIONAL ASHRAE TECHNOLOGY AWARDS COMPETITION

5. Category: **Institutional Facility**

Presented to: **Martin Roy** – Montreal Branch

Building: **Bibliotheque Ville Mont-Royal**

6. Category: **Industrial Facility**

Presented to: **Martin Roy** – Montreal Branch

Building: **Sobeys Distribution Centre**

7. Category: **Commercial Building**

Presented to: **Martin Roy** – Montreal Branch

Building: **Caisse Desjardins de L'Ouest de La Mauricie**



REGIONAL ASHRAE TECHNOLOGY AWARDS COMPETITION

8. Category: **Existing Education Facility**

Presented to: **Nicolas Paquet** – Montreal Branch

Building: **McLennan and Redpath Building, McGill University**

9. Category: **Existing Commercial Building**

Presented to: **Nicolas Paquet** – Montreal Branch

Building: **2020 Robert Bourassa**



MEMBERSHIP PROMOTION AWARDS

The two awards consist of a certificate for the chapter membership promotion chair and a ribbon for the banner.

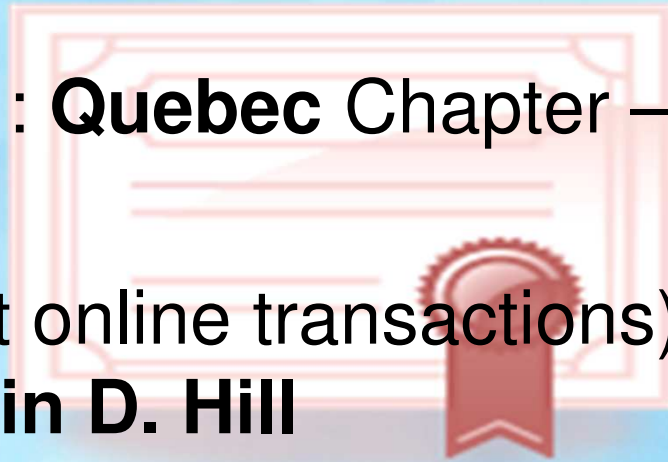
The chapter with the highest PAOE points receives the **BLUE** ribbon and the runner up a **RED** ribbon.

Green Ribbon Award: honours the chapter with the greatest percentage of online transactions for new and renewing members in honour of sustainability.



MEMBERSHIP PROMOTION AWARDS

- **Blue** Ribbon : **Ottawa Valley** Chapter – **Celine Baribeau**
- **Red** Ribbon : **Quebec** Chapter – **Laurence Boulet**
- **Green** (most online transactions) – **Hamilton** Chapter – **Iain D. Hill**



RESEARCH PROMOTION AWARDS

Hayward Murray RP Trophy – Regional Award

This is a regional award and is named after the individual who initiated the paperwork to form a Canadian corporation called ASHRAE Research Canada (ARC) so businesses in Canada would have the same opportunity as in the USA for using their investment as a tax deduction.



RESEARCH PROMOTION AWARDS

**Hayward Murray RP Trophy Regional Award
Recipient**



NB-PEI Chapter – **Mike Boudreau**



RESEARCH PROMOTION AWARDS

- ❑ **Top Five RP Award** - This is a Society-wide competition involving all Chapters in 14 regions world-wide. This award recognizes the top five Chapter RP Chairs in ASHRAE globally with winners selected from four assigned Chapter size groups: Chapters of 1-99 Society Members; 100 to 248; 250 to 499; and 500 + Society Members.
- ❑ **Full Circle Award** – This full circle chevron is won when all the Chapter Executive Officers invest a minimum of \$100 in ASHRAE Research Canada. Chapters winning have their names published in Insights in February as well as listed in the October Journal.
- ❑ **High Five Certificate** – This award is for consistency in fund-raising activities. To win, a Chapter must have raised the most money in the past for the last five years and have had highs in four of the preceding years. This award is now redesigned to be a certificate.



RESEARCH PROMOTION AWARDS

- ❑ **Chapter Treasury Ribbons** – This award is for Chapters making significant contributions to research: Gold for contributions greater than \$10,000; Silver for \$5000 to \$9999; and Bronze for \$2,500 to \$4,999.
- ❑ **Goal Certificates** – This is for the Chapter RP Chair volunteers. There are three ways to win: 1) for exceeding Chapter goal; 2) for establishing a new Chapter High Five – highest result in past five years; 3) for exceeding the Chapter's challenge goal (High Five plus five percent).
- ❑ **Challenge Goal** – This is for Chapters that raised a minimum of five percent over the highest amount raised in past five years).



RESEARCH PROMOTION AWARDS

- ☐ Chapter: **NB/PEI**
- ☐ Chair: **Mike Boudreau**
- ☐ Certificate
- ☐ Full Circle Chevron
- ☐ High Five Chevron



RESEARCH PROMOTION AWARDS

- ❑ Chapter: **Halifax**
- ❑ Chair: **Darrell Amirault**
- ❑ Certificate
- ❑ Full Circle Chevron



RESEARCH PROMOTION AWARDS

- ☐ Chapter: **Quebec**
- ☐ Chair: **Moise Gagne**
- ☐ Certificate
- ☐ Full Circle Chevron
- ☐ Silver Treasury Ribbon
- ☐ Endowment Chevron



RESEARCH PROMOTION AWARDS

- ☐ Chapter: **Montreal**
- ☐ Chair: **Stan Kaji**
- ☐ Certificate
- ☐ Full Circle Chevron
- ☐ Bronze Treasury Ribbon
- ☐ Endowment Chevron
- ☐ Runner up \$ per Member



RESEARCH PROMOTION AWARDS

- ❑ Chapter: **Ottawa Valley**
- ❑ Chair: **Abbey Saunders**
- ❑ Certificate
- ❑ Full Circle Chevron
- ❑ Gold Treasury Ribbon
- ❑ Endowment Chevron



RESEARCH PROMOTION AWARDS

- ❑ Chapter: **Toronto**
- ❑ Chair: **Glenn Kilmer**
- ❑ Certificate
- ❑ Full Circle Chevron
- ❑ Runner Up Total \$ Raised



RESEARCH PROMOTION AWARDS

- ❑ Chapter: **Hamilton**
- ❑ Chair: **Reaz Usmanali**
- ❑ Certificate
- ❑ Full Circle Chevron
- ❑ Bronze Treasury Ribbon



RESEARCH PROMOTION AWARDS

- ❑ Chapter: **London**
- ❑ Chair: **James Scudamore**
- ❑ Certificate
- ❑ Full Circle Chevron
- ❑ Bronze Treasury Ribbon



RESEARCH PROMOTION AWARDS

- ☐ Chapter: **Windsor**
- ☐ Chair: **James Smith**
- ☐ Certificate
- ☐ Runner Up \$ Raised,
Total PAOE Points, \$ per
Member



STUDENT ACTIVITIES AWARDS

- ❑ **Best Student Activities Committee** - is not based solely on the PAOE points accumulated during the year. The RVC looks at improvement over prior years, the quality of the activities organized for students, the dynamism of the SA committee and the overall impact on students in the Chapter are all factors considered in this award.
- ❑ **Best Student Branch of the year** - each Chapter submits their choice of the best branch within their Chapter territory to the RVC. The RVC then looks at each submission for the branch's participation in the ASHRAE program, plus the quality of the activities organized within the branch and finally the impact on the students.
- ❑ **Best Student Activities Committee – Hamilton Chapter, Mark Long.**
- ❑ **Best Student Branch – Montreal Chapter – Mai Anh Dao – Polytechnique de Montreal and ETS.**



Young Engineer in ASHRAE (YEA) AWARD

❑ **Young Engineer in ASHRAE (YEA) Outstanding Chapter Award**

is intended to provide public recognition of a Chapter within Region 2 for their outstanding activities related to YEA in the preceding Society year. With the goal of recognizing the promotion and representation of the 35 and under demographic of ASHRAE, this award will serve to reward chapter(s) for their exceptional participation in YEA activities and for notably accentuating and utilizing the various benefits/programs made available through the Society YEA Committee. The award will be presented annually to one or more qualified chapters at the Region II CRC. Minimum eligibility requirements and selection to be by Region 2 YRC.

❑ **YEA Chapter Award: Ottawa Chapter – Joe Della Valle**



GGAC AWARD

- ❑ Recognizes an individual who demonstrates outstanding efforts at the state, provincial, and recommendation from GGAC local government level on technical issues important to ASHRAE.

Toronto Chapter – Steve Clayman



PRESIDENTIAL AWARD OF EXCELLENCE (PAOE)

- ❑ **PAOE Award** – Minimum points achieved in four of the following five categories: Chapter Operations, Chapter Technology Transfer, Membership Promotion, Research Promotion and Student Activities – Chapter receives a PAOE certificate plus a PAOE red chevron for their banner.
- ❑ **Special Citation Award (ribbon)** – Achieved minimum in four of five categories, with a minimum of 5000 points in total for all categories – the Chapter receives a special citation blue ribbon for their banner.
- ❑ **STAR Award Gold Pin** - PAR achieved in all five categories – the Chapter receives a star award gold pin for their banner and the PAOE certificate is upgraded and has “star award” embossed on left top corner of the certificate.



PRESIDENTIAL AWARD OF EXCELLENCE (PAOE)

- ❑ **Honor Roll** – Chapter has achieved and received the PAOE award certificate and red emblems for achieving par in at least four categories for four prior consecutive years. The award is 1) an upgraded PAOE certificate with “Honor roll” embossed in upper left corner of certificate plus 2) a silver grey/ blue chevron for the awards banner with “Honor Roll” highlighted.
- ❑ **High Honor Roll** – Chapter achieved the STAR award level with PAR points in five categories for more than four consecutive years. The award is 1) an upgraded PAOE certificate with “High Honor Roll” embossed in the upper left corner of the certificate and 2) a High Honor Roll blue on royal blue chevron with “High Honor Roll” highlighted for the Chapter banner.



PRESIDENTIAL AWARD OF EXCELLENCE (PAOE)

- ❑ NB-PEI chapter – Eric J. LeBlanc: **Honor Roll-Special Citation**
- ❑ Halifax Chapter – Aaron R. Smith: **Honor Roll-Special Citation-Sustainability**
- ❑ Quebec chapter – Jonathan Vigneault: **Honor Roll-Star-Special Citation-Sustainability**
- ❑ Montreal chapter – Jean-Gabriel Joannette: **Honor Roll-Star-Special Citation-Sustainability**
- ❑ Ottawa Valley chapter–Georges Maamari: **Honor Roll-Star-Special Citation**
- ❑ Toronto chapter – Alan Porter: **Honor Roll-Special Citation**
- ❑ London chapter – Jordan Foster: **Honor Roll-Special Citation-Sustainability**



PRESIDENTIAL AWARD OF EXCELLENCE (PAOE)

PAOE Sustainability Activities Award

- ☐ Award Recipient: **John S. Molnar**, Hamilton Chapter
 - ☐ Certificate
- ☐ Award Recipient: **Andrew Hrutka**, Windsor Chapter
 - ☐ Certificate



CERTIFICATES OF APPRECIATION

❑ **Chris Fudge**

- ❑ RVC – CTTC (2013 – 2016)
- ❑ Ottawa Valley Chapter

❑ **Robyn Ellis**

- ❑ RVC – SA (2013 – 2016)
- ❑ Hamilton Chapter

❑ **Jeff Clarke**

- ❑ Nominating Chair (2013 – 2016)
- ❑ Montreal Chapter

❑ **David A. Rasmussen**

- ❑ CRC General Chair (2015)
- ❑ Hamilton Chapter



REGIONAL AWARD OF MERIT

- ❑ **Aaron Smith** – Halifax Chapter
 - ❑ **Rod Potter** – Ottawa Valley Chapter
 - ❑ **Cathy Godin** – Ottawa Valley Chapter
 - ❑ **Tom Pollard** – London Chapter
 - ❑ **Ibrahim Semhat** – London Chapter
- 

CHAPTER SERVICE AWARDS

- ❑ **Joseph Claessens** - London Chapter
- ❑ **Dennis Dawe** – London Chapter
- ❑ **Scott Edmunds** – London Chapter
- ❑ **Karl Gilroy** – London Chapter
- ❑ **Jamie Kruspel** – London Chapter
- ❑ **Tom Pollard** – London Chapter
- ❑ **Eric Shaw** – London Chapter
- ❑ **Scott Turner** – London Chapter



CHAPTER SERVICE AWARDS

- ❑ **Derek Vakaras** – London Chapter
- ❑ **Ibrahim Semhat** – London Chapter
- ❑ **Christine Kemp** – Ottawa Valley Chapter
- ❑ **Steve Moons** – Ottawa Valley Chapter
- ❑ **Rod Potter** – Ottawa Valley Chapter
- ❑ **David Benedetti** – Toronto Chapter
- ❑ **Glen Kilmer** – Toronto Chapter



REGIONAL COMMUNICATION AWARDS

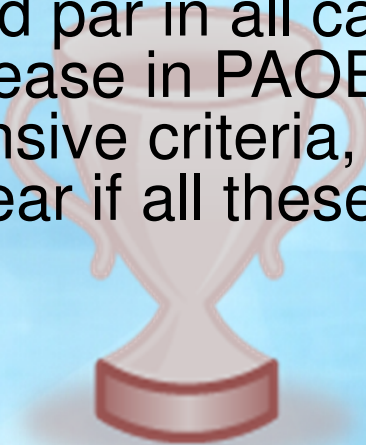
- ❑ This award is given by the DRC for the Chapter which communicates the most with the DRC. It is a discretionary award with the evaluation based on several factors: CRC participation, Chapter newsletters addressed to and received by DRC, MBO sent in to DRC, reporting regularly on the progress of the MBOs, a Chapter budget sent to DRC, and ensuring all Chapter minutes are forwarded to and received by DRC.

London Chapter – Khalid El Kadri



GOLDEN GAVEL AWARD

- ❑ This award is selected by DRC and is awarded to the chapter with the greatest PAOE points, plus chapter must met or exceed par in all categories except history, has shown an increase in PAOE over previous year. With such an extensive criteria, this award is NOT presented every year if all these conditions are not met.

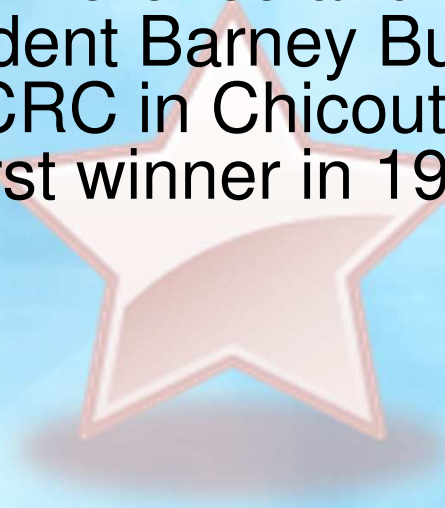


Quebec Chapter - Xavier Dion-Ouelett



REGIONAL MEATBALL TRAVEL AWARD

- ❑ This award is based on travel distance times the attendees at the conference and was started by then Society President Barney Burrows in October 1988 while at the CRC in Chicoutimi, PQ. London, Canada was the first winner in 1988.



Toronto Chapter - Marco Ottavino



SPECIAL THANKS...

CRC VOLUNTEERS



**DELTA BEAUSEJOUR
HOTEL STAFF**



Remembering Dwight Scott



SPECIAL THANKS – SOCIETY GUESTS

- ❑ Sheila J. Hayter – **ASHRAE Treasurer**
 - ❑ Ginger Scoggins – **ASHRAE Society VP**
 - ❑ Joyce Abrams – **ASHRAE Director of Member Services**
- 



ASHRAE Honors and Awards Program

Where To Get More Information

- H&A Web Page
 - www.ashrae.org/honors
- Honors and Awards Committee Staff Liaison
 - cpettigrew@ashrae.org



CRC 2015 Hamilton Chapter

INCOME	BUDGET	ACTUAL	REMARKS
REGISTRATION	\$ 27,800.00	\$ 35,800.00	
CHAPTER ASSESSMENT	\$ 10,896.00	\$ 12,712.00	
CORPORATE SPONSORSHIP	\$ 1,600.00	\$ 7,024.82	SOCIETY CHEQUE (OVER PAID)
WINE (NB/PEI CHAPTER)	\$ 1,000.00	\$ 1,000.00	
FRIDAY SATURDAY EVENTS	\$ 500.00	\$ 1,220.00	
CHAPTER SUPPORT	\$ 2,000.00	\$ -	NOT REQUIRED
TOTAL INCOME	\$ 43,796.00	\$ 57,756.82	
EXPENSES			
BREAKOUT ROOMS	\$ 900.00	\$ 678.00	SHERATON
FRIDAY MEALS		\$ 6,354.56	SHERATON
SATURDAY MEALS		\$ 7,420.15	SHERATON
SUNDAY MEALS		\$ 3,014.84	SHERATON
EXTRA MEETING ROOMS	\$ 517.50	\$ -	SHERATON
ROOM UPGRADES	\$ 800.00	\$ 519.78	PRESIDENT'S/VP/SOCIETY
CRC PROMOTIONAL MATERIAL	\$ 825.00	\$ -	
WELCOME PARTY	\$ 2,100.00	\$ 3,064.32	SHERATON (UNION GAS)
PRESIDENTS MEAL	\$ 6,500.00	\$ -	INCLUDED IN FRIDAY MEALS
AWARDS LUNCHEON	\$ 1,000.00	\$ 1,599.08	SHERATON
SATURDAY NIGHT ENTERTAINMENT	\$ 8,000.00	\$ 12,491.20	TIM HORTONS FIELD (NORTEC)
TECHNICAL TOUR	\$ 500.00	\$ -	
COMPANION TOUR	\$ 780.00	\$ 1,805.19	WINE TOUR (RENEWABILITY ENERGY)
INDIVIDUAL EVENT EXPENSES	\$ 4,400.00	\$ -	
HOSPITALITY EXPENSES	\$ 3,000.00	\$ 2,460.80	FRIDAY & SATURDAY NIGHT
PHOTOGRAPHY	\$ 600.00	\$ 271.18	IAIN HILL
PRINTING/MAILING/PHOTOCOPYING	\$ 1,500.00	\$ 452.00	
AUDIO/VISUAL	\$ 1,400.00	\$ -	
TRANSPORTATION	\$ 4,400.00	\$ 2,933.48	
GIFTS	\$ 1,300.00	\$ 222.05	
OFFICE SUPPLIES	\$ 1,000.00	\$ 319.03	
RECORDING SECRETARY	\$ 800.00	\$ 500.00	CASH TO TOM POLLARD AUGUST 22
MISCELLANEOUS	\$ 2,223.50	\$ 637.74	
CRC COMMITTEE EXPENSES	\$ 1,250.00	\$ 3,213.08	
WEBSITE REGISTRATION FEE		\$ 186.45	
CRC OVERPAYMENT		\$ 1,816.00	CASH TO COCHRANE AUG 22
TOTAL EXPENSES	\$ 43,796.00	\$ 49,958.93	

APPENDIX – H

REGION FUND

Region Fund Summary-2015_2016
App-H02-Financial Report-2015_2016
Region Budget-2016_2017

ASHRAE REGION 2

ANNUAL FINANCIAL SUMMARY REPORT

Period: July 1st, 2015 - June 30th, 2016

DESCRIPTION	CREDIT	DEBIT	BALANCE
Opening balance for this period			36,503.64
INCOMES:			
Chapter's Assessment Dues	11,648.00		
2015 Hamilton CRC Revenues	3,898.94		
Regional Funds dues	13,312.00		
Over payment reimbursement (CRC Hamilton)	1,816.00		
Total Incomes:	30,674.94		67,178.58
EXPENSES:			
Travel and expenses Society meeting		7,972.71	
Planning meeting and CRC plaques		1,374.68	
CRC seed money			
Bank Service Charges		99.15	
Yea Week-End expenses reimbursement + LEADRS		2,497.85	
Total Expenses:		11,944.39	
CLOSING BALANCE: June 30th 2015			55,234.19
Accounts Payable			10,476.00
Outstanding Check for CRC seed money		10,476.00	
		0.00	
Account Closed and Money Order Sent to DRC			N/A
Accounts Receivable			1,230.00
London Chapter	1,230.00		

ASHRAE REGION II REGIONAL FUND

Financial Institution: Caisse Populaire Cap-Rouge
 Branch: 1111, Bvl Chaudière, Québec, Québec, G1Y-3T4
 Account # 60932, Transit # 20426

BY: Yves Trudel,

Date: _____

Audit By: _____

Date: _____

ANNUAL FINANCIAL REPORT

ASHRAE REGIONAL II FUND

CRC 2016 Region II, Moncton NB

August 2016

This report is to summarize the activities during the above financial period 2015/16 for the Region II Fund.

The chapter's dues invoices were based on \$7.00/per member and the previous years member count, and \$ 8.00/ per member for the Regional Fund.

A total amount of \$ 30 674.94 was collected during this period and deposit for the end of June 2016.

When we deduct the total expenses of \$ 11 944.39 the final closing balance is \$ 55 234.19 at the end of June 2016.

At closing time, there was a receivable of \$ 1 230.00 and an outstanding check of \$ 10 476.00.

This report is forwarded to the next CRC host chapter in 2016 to be audited. After approval, the signed copy should be return to the Regional Treasury for records.

Prepared and submitted by: _____ Date: _____

Yves Trudel,

Audited and approved by: _____ Date: _____

Please return a signed copy after the approval.



ASHRAE REGION II Budget 2016-2017

2016-2017 ASHRAE Region II Budget (as of Feb 25/2017)							
Description	2014-2015 Actual	2015-2016 Actual		Due Paying Members	Dues	2016-2017 Budget	Notes
Incomes							Use of 2015-2016 Chapter dues Paying Members
Chapter Assessment Dues		\$ 11,648.00		1748	\$ 7.00	\$ 12,236.00	Payable by each chapter in April
Regional fund dues		\$ 13,312.00		1748	\$ 8.00	\$ 13,984.00	Payable by each chapter in April
overpayment reimbursement (CRC Hamilton)		\$ 1,816.00					
CRC Surplus		\$ 3,898.94 from Hamilton				\$ 337.26 from Moncton	any profit shared between chapter and region
SubTotal Income	\$ 43,000.00	\$ 30,674.94				\$ 26,557.26	
Chapter Opportunity Fund	N/A	N/A				\$ 12,397.55	New and same amount for 2 years in CAD \$ (\$9,750USD)
Total Income	\$ 43,000.00	\$ 30,674.94				\$ 38,954.81	
							Lunch for planning meeting
							Lunch for planning meeting
Expenses							
Planning Meeting	\$ 390.70	\$ -				\$ 450.00	Lunch for planning meeting
ARC/RVC/Regional Leaders Hotel Reimbursement for Winter Meeting	\$ 2,800.00	\$ 7,372.71				\$ 6,000.00	10 regional officers @ 600\$/officer/mtg (based on \$200/night 3 nights); DRC Hotel is covered by Society
	Seattle	Orlando				Las Vegas	
RMCR Hotel Reimbursement for Society Meetings	\$0.00	\$ 600.00				\$ 2,000.00	RMCR required for subcommittee mtg on weekend but members council on Tues so 5 nights at \$200/night for 2 meetings
ARC/RVC/Regional Leaders Hotel Reimbursement for Annual Meeting	\$ 6,800.00	\$ 708.00				\$ 7,800.00	3 new incoming RVC's so adds \$1800 (\$600 x 3) to \$6,000
	Chicago	St Louis				Long Beach	
Other Travel Expenses						\$ 750.00	For Regional Historian Chapter visits and other travel
CRC - Seed money	\$ 23,668.00	\$ 10,476.00		1748	\$ 6.00	\$ 10,488.00	per chapter paid member
Regional Awards Plaques	\$ 504.94	\$ 666.68				\$ 750.00	7 awards: 2 for SA, 1 for YEA, 1 for CTTC, 2 for Chapter Ops, Meatball
Miscellaneous	\$ -	\$ -				\$ 100.00	
Bank Service Charges	\$ 103.90	\$ 99.15				\$ 100.00	
Ontario Account Transfer Fee & set up	\$ -	\$ -				\$ 1,250.00	need to get registered in Ontario for bank transfer
YEA Week-End expenses	\$ 848.85	\$ 856.22				\$ 2,200.00	now doing 2 per year
LeaDRS Program	\$ 1,594.72	\$ 1,641.63				\$ 2,750.00	now doing 2 per year; if shadowing DRC should be there Fri-Wed so 5 nights at \$200/night plus airfare, registration
SubTotal Expenses	\$ 36,711.11	\$ 22,420.39				\$ 34,638.00	
Chapter opportunity fund	N/A	N/A				\$ 12,397.55	New and same amount for 2 years in CAD \$
Total Expenses	\$ 36,711.11	\$ 22,420.39				\$ 47,035.55	
Profit (Loss)		\$ 8,254.55				-\$ 8,080.74	

	June 30/2015	June 30/2016
JUNE 30 - bank balance		
with adjustments for accounts payable/receivable	\$ 36,503.64	\$ 45,988.19

ASHRAE 2016

Vice Presidents Update

Fall 2016 CRCs

Membership Increase – Thank you!

56,105

- Highest year end membership total since 2002
- Region-at-Large had largest percent gain in 2015-16
- Total membership – U.S. and Canada: 79%, global: 21% (increase from 18% two years ago)



Chapters/Regions

- Two newest chapters (Ecuador and Macau) – **181 total chapters**



- Amaravathi Section (India) – 41 total sections
- 13 new student branches outside United States – **236 total student branches**
 - (1) **Canada** – Region II
 - (3) **Pakistan** – Region-at-Large
 - (1) **Brazil** – Region XII
 - (1) **Malaysia** – Region XIII
 - (1) **Indonesia** – Region XIII
 - (3) **India** – Region-at-Large
 - (1) **Kuwait** – Region-at-Large
 - (1) **Nigeria** – Region-at-Large
 - (1) **Croatia** – Region-at-Large

Connect a Colleague



- Easy-to-use referral tool
- Enter a colleague's name and email to have pre-written invitation to join ASHRAE sent on your behalf
- Since March 1st, **1,100 members** have used the tool, resulting in **168 new memberships**
- www.ashrae.org/connect

ASHRAE Reach

An employer outreach program that aims to meet ASHRAE's Strategic Plan goal of driving employer support.

- Target audience:
 - Current employers who support membership/volunteerism of their employees
 - Non-participating companies
- Resources available at www.ashrae.org/reach



ASHRAE Reach folders are distributed to chapter officers and presented at CRCs. Each folder includes:

- ASHRAE Journal
- High Performance Buildings magazine
- Publications Guide
- 3 membership applications

ASHRAE RP Campaign 2015-2016

\$2,570,000 funds raised – *new all time high!*


2% increase over previous year

This is ASHRAE's **seventh year in a row** raising of setting new record high

Thank you!

ASHRAE Scholarships

- ASHRAE Foundation offers solutions for chapters looking for help with managing investment of their local scholarships
- **\$152,000+** in scholarship money awarded for FY 2014-15
 - ASHRAE Society Scholarships: **32**
 - Chapter Awarded Scholarships: **11**




ASHRAE Foundation Offers Scholarship Solutions for ASHRAE Chapters

Does your chapter find the burden of investing the scholarship dollars challenging?

Do chapter continuity issues make investment of chapter assets a potential liability and cause for concern?

The ASHRAE Foundation offers solutions for chapters looking for help with managing the investment of their local scholarships.

See How The Foundation Can Help.



New ASHRAE Presidents Scholarship



- Furthers legacy of ASHRAE Presidential Members
- Provides assistance for undergraduate students whose primary academic interests align with ASHRAE mission
- \$200,000 endowment goal
- www.ashrae.org/foundation-online-giving

Strategic Plan

- 5 years of membership, publications and training data analyzed along with survey of members outside U.S. and Canada
- Data to help define how to better serve members globally and capitalize on opportunities for growth
- Research being analyzed by Planning Committee to make recommendations for action, including estimation of investment required and return expected



Flammable Refrigerant Research

- Part of global effort to phase down use of high global warming potential refrigerants
- **\$5.2 million initiative** by ASHRAE, AHRI and U.S. Department of Energy
- Results to be used in Standards 15 and 34



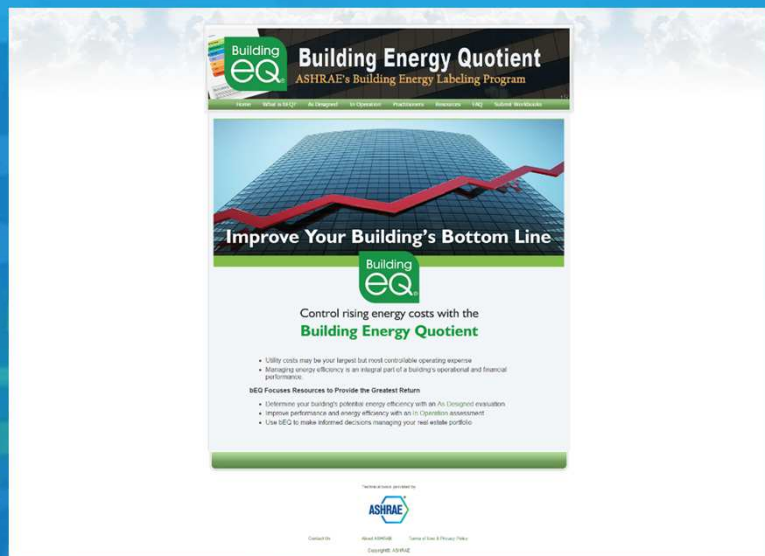
ASHRAE and UNEP

Working together to provide ASHRAE resources as developing countries transition to new refrigerants:



- Web based learning to improve refrigerant literacy among governmental policymakers
- Fact sheets on technology developments related to introduction of new refrigerants into market
- Conference organized by ASHRAE, UNEP, UNIDO and IIR on refrigeration practices in seafood industry to be held in Bangkok
- Linking ASHRAE chapters and members in developing countries with UNEP regional offices to promote more energy efficient practices

ASHRAE's Building EQ



- Voluntary labeling program that draws on successful features of other building labeling and certification programs
- Complements other green building and energy rating/labeling programs
- Provides a way to benchmark performance
- Includes ASHRAE Level 1 Energy Audit and IEQ Survey
- Allows for comparison of As Designed (asset) and In Operation (operational) ratings
- Developing web portal for online entry and automated data exchange

IAQA Update

- ASHRAE/IAQA Dual Membership Discount Program allows members of one association to join the other at 25% discount
- Several IAQA chapters holding joint IAQA and ASHRAE meetings
- IAQA's 20th Annual Meeting to be held at same venue as ASHRAE's 2017 Winter Conference
- International growth – establishing new chapters in Australia and India, and working on agreements for IAQA onsite courses in Hong Kong, China and Malaysia
- IAQA to roll out a new look in 2016

ASHRAE Publications

Planned Publications

Design Guide for Cleanrooms

Design Guide for Duct Systems

Design Guide for Air Terminal Units

Design Guide for Dedicated
Outdoor Air Systems

Design Guide for Sustainable
Refrigeration Facilities & Systems

Member's Survival Guide:
Design/Build Section

Planned Standards

Standard 90.1 (Energy Efficiency)

Standard 90.4 (Data Centers)

*approved at 2016 Annual Conference

Standard 126 (HVAC Air Duct & Fittings with
SMACNA)

Standard 135 (BACnet)

Standard 55 – 2013 User's Manual

Standard 201 – 2016 User's Manual

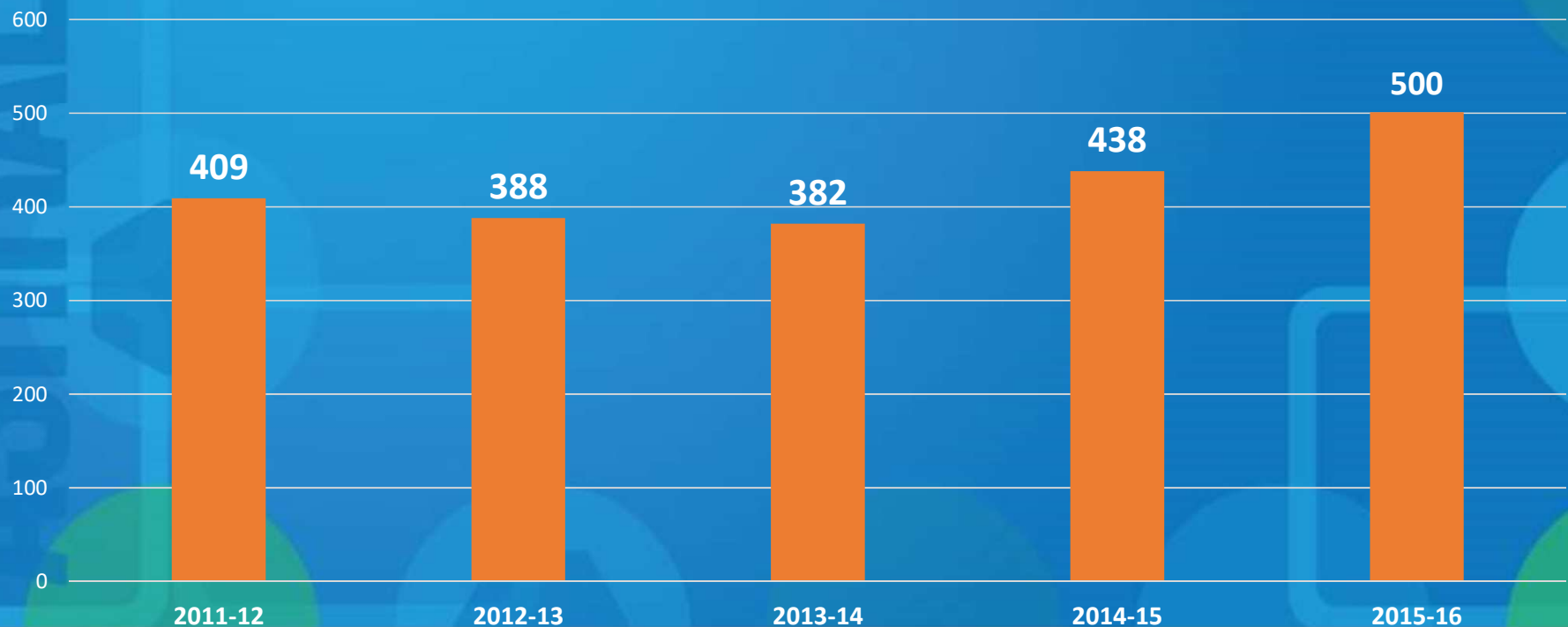
Standard 10 (Interactions Affecting the
Achievement of Acceptable Indoor Environments)

Standard 52.2 (General Ventilation Air Cleaning
Devices for Removal Efficiency by Particle Size)

Standard 160 (Criteria for Moisture-Control
Design Analysis in Buildings)

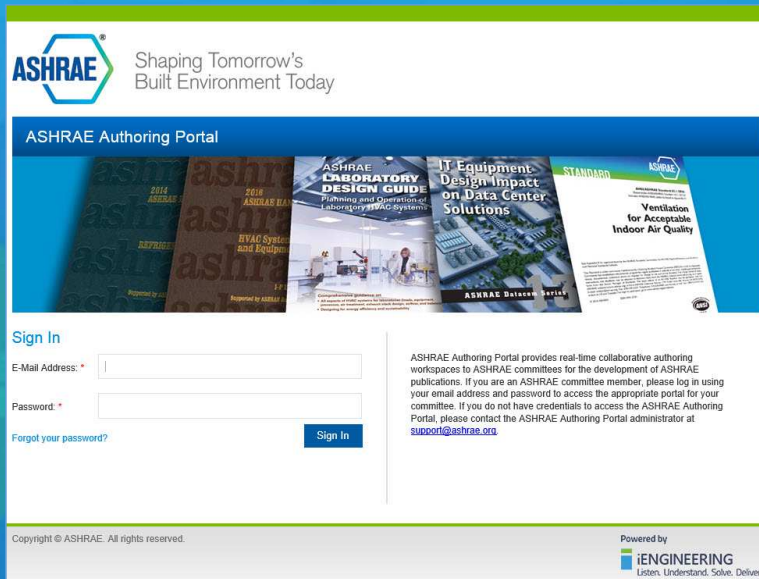
Certification

- Additional **30 minutes** of exam testing time added for non-native English speakers (*Motion from Colombia Chapter - Region XII fall 2015 CRCO*)
- BEAP, BEMP, CPMP and HBDP **all accredited** by ANSI



ASHRAE Authoring Portal for Handbook

authoring.ashrae.org



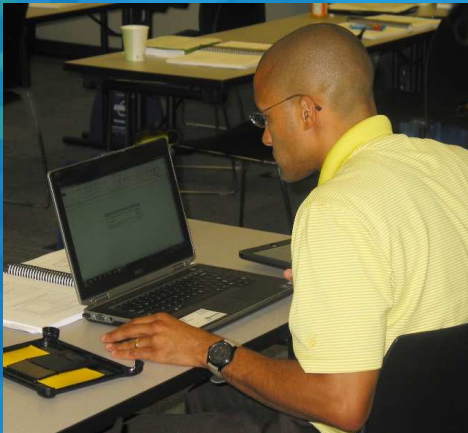
- New document collaboration tool for Handbook chapters
- Allows several authors to work together on document
- Eliminates members having to email large files
- Takes place in ASHRAE-approved environment that safeguards ASHRAE's copyright on behalf of members

ASHRAE HVAC Design & Operation Training – New Course

Improving Existing Building Operation

- 2-day seminar provides techniques to measure existing building performance to make facilities operate more efficiently and economically
- Focuses on built environment and existing HVAC systems
- Proper operation and maintenance of existing HVAC systems discussed
- Introduces different methods for evaluating potential improvements to buildings and systems

Upcoming 2016 HVAC Design & Operation Training Dates



Dates

Aug 8-10

Aug. 11-12

Aug. 18-19

Aug. 24-26

Aug. 29-31

Oct. 17-19

Oct. 20-21

Nov. 6-8

Nov. 9-10

Training

Level I

Level II

Building Operation

Level I

Level I

Level I

Level II

Level I

Level II

Locations

Atlanta, GA

Atlanta, GA

Atlanta, GA

Singapore

Jakarta, Indonesia

Phoenix, AZ

Phoenix, AZ

Dubai, UAE

Dubai, UAE

www.ashrae.org/hvactraining

Social Media



44,584 page likes



21,711 followers



12,892 followers

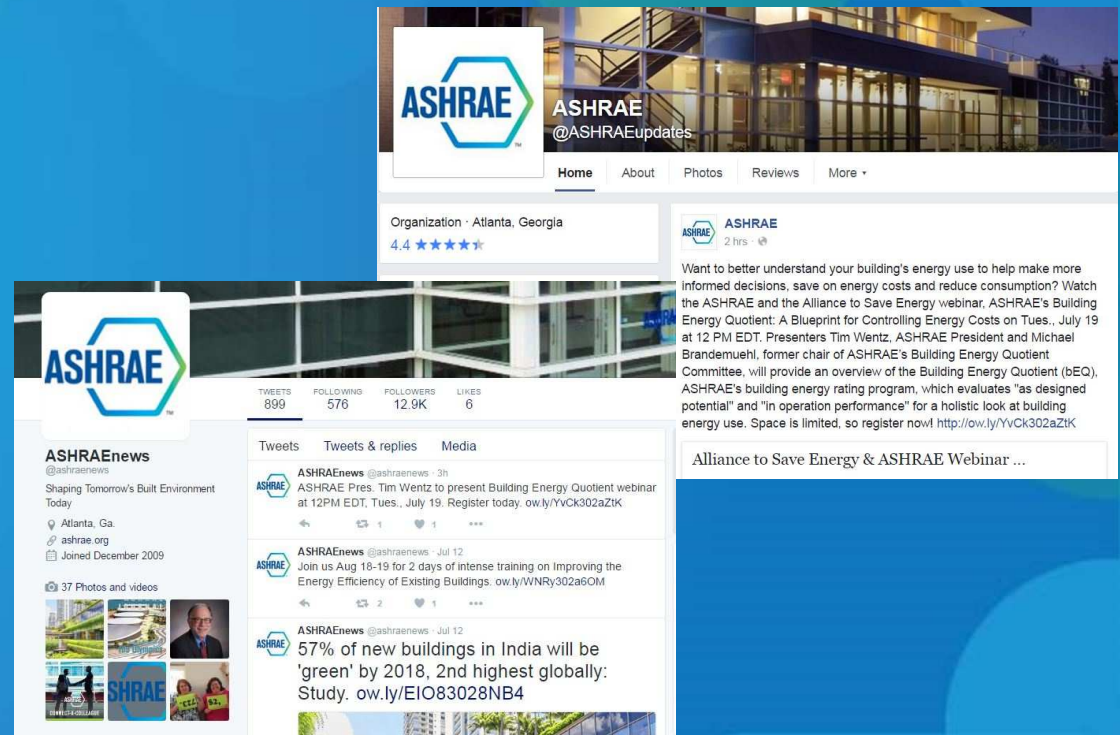


1,131 subscribers



1,491 members

Updated as of 7/13/2016



Joint Chapters Regional Conference

- Region XIII and the Region-at-Large (RAL) in October in Bangkok
- Employs a “mega CRC” model, which has been much discussed within ASHRAE as possible strategy to use in other regions
- More than **400** people expected, representing **25 chapters** from the Region-at-Large and **nine chapters** from Region XIII
- First Board of Directors meeting held outside North America follows CRC
 - Will expand the Board’s perspective and present unique opportunity to work with members from dozens of chapters and countries

ASHRAE Conferences 2016-17

Event	Date(s)	Location
ASHRAE/IBPSA-USA SimBuild 2016: Building Performance Modeling Conference	August 10-12	Salt Lake City, UT
IAQ 2016 Defining Indoor Air Quality: Policy, Standards, & Best Practices Co-organized by Air Infiltration & Ventilation Centre (AIVC)	September 12-14	Alexandria, VA
AHR Expo Mexico	September 20-22	Monterrey, Mexico
2 nd Int'l Conference Efficient Building Design: Materials & HVAC Equipment Technologies	September 22-23	Beirut, Lebanon
Sustainable Management of Refrigeration Technologies in Mobile Marine & Fishery Sectors	April 19-21 (2017)	Bangkok, Thailand
2 nd Int'l Conference on Energy & Indoor Environment for Hot Climates	February 26-27 (2017)	Doha, Qatar

2017 Winter Conference/AHR Expo

ASHRAE 2017 Winter Conference

Las Vegas
Jan. 28-Feb. 1

AHR Expo

Las Vegas
Jan. 30-Feb. 1

Conference badge provides free access to Expo
Expo could surpass **500,000 net square feet** of exhibit space

ASHRAE hopes to beat Conference record set in Las Vegas in 2011





ASHRAE Staff Report

2016 Region II CRC

Moncton, NB

Why Am I Here?



- To listen!
- To answer your questions
- To provide a contact at Headquarters
- To reinforce that ASHRAE staff is here to support you

ASHRAE Staff Overview

Our job is to support the volunteer structure

- Departments: Administration, Administrative Services, *Development*, Government Affairs, *Marketing*, **Member Services**, Publishing & Education, Technology
- Over 120 employees



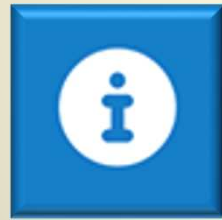
Member Services Department

Oversees activities related to

- Member, chapter, and regional services
- Membership development
- Customer service
- Students and YEA
- Planning and coordination of conference and meeting programs and logistics

Membership

- Benefits of Membership
- Resources to Help with Promotion and Retention



<https://www.ashrae.org/membership--conferences/benefits>

How to Get Involved in Society

- Technical Committees: Plan programs for meetings, write and review Handbook chapters and develop research projects
- Standards Committees: Write standards and guidelines, which establish recommended design and operating practices
- Standing Committees: Aid operation of activities such as development of educational courses, approval of research projects and planning of student activities

<https://www.ashrae.org/society-groups/volunteer/learn-more-about-becoming-a-volunteer>

Your Insight



- How can ASHRAE better serve you?
- What other products or services would you like ASHRAE to offer?

jabrams@ashrae.org

Visit Headquarters

If your travel brings you
to Atlanta, come visit us!