



**REGION 2
63rd ANNUAL
CRC 2021**

MINUTES

held

**VIRTUAL
(GoTo Meeting)**

Thur Aug 19, 2021 to Friday August 20, 2021

Approved
At 2022 CRC - Ottawa

ORIENTATION SESSION – Thur Aug 19, 2021 2:00pm

The following attended the Orientation Session

<u>CHAPTER</u>	<u>DELEGATE</u>	<u>ALTERNATE</u>
#100 Halifax	Dan Bourque	Jarid Wilson
#117 NB/PEI	John Willden	Kevin Clannon
#013 La Ville de Quebec	Maxime Boivin	Olivier Bernier
#014 Montreal	Mathieu Rondeau	Sonia Pournazari
#015 Ottawa Valley	Adrianne Mitani	Ryan Dickinson
#016 Toronto	Abhishek Khurana	Kurt Monteiro
#037 Hamilton	Robyn Ellis	Mitchell Rohrer
#116 London Canada	Kathleen Mayberry	Rajarajan Denadayalan
#141 Windsor	Amanda Forest	Jamie Smith

<u>NAME</u>	<u>CHAPTER or SOCIETY</u>	<u>POSITION</u>
Don Brandt	Society (Arizona)	Society VP
Tim McGinn	Society (Southern Alberta)	Society VP
Ronald Gagnon	Montreal	DRC
Danny Castellan	Windsor	RMCR
Jeff Clarke	Montreal	ARC
Doug Cochrane	Toronto	Regional Representative
Nicolas Lemire	Montreal	Nominating Chair
Isabelle Lavoie	Montreal	Nominating Alternate
Daniel Redmond	Ottawa	RVC CTT
Michael Genin	Toronto	RVC GA
Ibrahim Semhat	London	RVC RP
Alekhy Kaianathbhatta	Toronto	RVC YEA
Liz Primeau	Ottawa Valley	RVC SA
Tom Pollard	London Canada	CRC Secretary / RVC Historian
Guy Perreault	Quebec	2021 CRC Chair

VISTORS

AJ DeSantis (Windsor), Andy Hrutka (Windsor), Anne-Marie Bundgard (Toronto), David Underwood (Toronto), Eric Pelletier (Windsor), Frank Mesicek (Hamilton), Jean Bundock (Quebec), Mai Anh Dao (Montreal), Marli Moise (Toronto), Mustafa Morsy (Hamilton), Paul Greff (Windsor), Reaz Usmanali (Hamilton)

Ron Gagnon, DRC Region 2, welcomed everyone to the Virtual CRC (the 63rd ASHRAE Region 2) at 2:00pm on Thu Aug 19, 2021.

Ron welcomed VIP guests: Don Brant – Society VP and Tim McGinn – Society VP and also David Underwood – Past Society President.

Ron welcomed the RVCs, Delegates and Alternates.

Ron then read the **ASHRAE Code Of Ethics**

ASHRAE Code Of Ethics Commitment

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Diversity Commitment

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status, belief systems, sexual orientation or education.
(See full Code of Ethics: <https://www.ashrae.org/about/governance/code-of-ethics>)

INTRODUCTIONS

Ron then asked those in attendance to introduce themselves (name, chapter, role).

CRC RECORDING SECRETARY

Ron then asked to appoint Tom Pollard as the **CRC Secretary**
Motion Moved Vote: 9/0/0 **Passed**

CRC AGENDA

Ron then reviewed the **CRC Agenda** which was previously distributed (similar to previous CRC meetings but times adjusted for the Virtual CRC). Regional photo time to be adjusted for when everyone can have webcam turned on.

{refer to Appendix-A1 – CRC 2021 Agenda}

Motion Moved by: Hamilton - Robyn Ellis and 2nd by: Ottawa Valley Adrienne Mitani
Vote: 9/0/0 **Passed**

SOCIETY and REGIONAL HIGHLIGHTS

Ron called on Doug Cochrane regarding the **Society Highlights**

{refer to Appendix-K – ASHRAE Annual Meeting Update}

(moved to a little later as Doug also had another conference call meeting)

REVIEW OF HONORS AND AWARDS

Ron called on Nicolas Lemire and Isabelle Lavoie to discuss the **Society Awards**.

{refer to Appendix-L - Honors and Awards FlowChart}

The Flow Chart has a summary of what is required to obtain awards (one page) which is helpful to see and requirements. There are Chapter service awards and Regional services awards. Chapters should also review for nominations to ASHRAE Fellow. Due dates are Dec 1 and May 1 (hard deadlines) for submission to the Honors & Awards Committee so can be reviewed before the Society meeting. There is also a new 75 year member award. The chapter is also on the web site on the Honors & Awards area.

There could be candidates in the chapters that could have awards presented to them and their members BIO needs to be updated on the Society web site. Older members may need assistance to get BIO's updated.

There is a list of Region 2 past award winners available that can be reviewed.

RVC ROLL-OFF DATES

Ron then reviewed the Regional positions:

2022 = CTT, SA

2023 = MP, RP, YEA

2024 = DRC, RMCR, GA

Tom Pollard, Region 2 Webmaster mentioned that RVC contact names and years are on the Region 2 web site.

SOCIETY and REGIONAL HIGHLIGHTS

Ron then presented the **Society Annual Meeting Highlights** on behalf of Doug and was assisted by Tim McGinn

{refer to Appendix-K – ASHRAE Annual Meeting Update}

Society highlights

- Annual meeting of 970 people down substantially; 3rd virtual meeting
- Toronto & Montreal participated in panel discussion
- Virtual Career Fair for all of Society
- Pub Ed reorganization down to 2 subcommittees (from 4); Finance have a benefit/payback tool to ensure proposals will help the members
- Strategic Plan extended by 1 year due to covid

- Las Vegas winter meeting to be hybrid; encourage virtual meetings
- New Awards: RBC ward for residential building issues; Energy genius award for Building EQ
- Government Affairs: Outreach Day to Queens Park, Ottawa, NRCAN. Working with Region 11
- Region 2 Award Winners:
 - Williams J Collins – Nathan Cook, RP Chair, Windsor
 - Technical Paper Award – Michael Roth, Klimatt, Guelph Hamilton Chapter
 - Use of Reanalysis in Ashrae Applications RP-1745
 - Willis H Carrier– Justin Berquist, NRC Ottawa
 - Feasability of low cost CO2 sensors for DCV Part 1 lab testing
 - 32 years and under outstanding paper
 - Dave Palty Award – Robert Hoadley, NB/PEI Chapter RVC
 - Inaugural award for GAC excellence
- Region II Scholarship Winners
 - Willis Carrier– Erin MacKinnon, Mech Eng, Dalhousie \$10k
 - Lynn Bellenger – Yuna Oh, Mech Eng, U of Waterloo \$5k
 - Duane Hanson – Hayley Knowles, Mech Eng, Dalhousie \$5k
 - Eng Technology– Matthew Big, Mech Eng Tech Bldg Sciences, Seneca College \$5k
 - Ottawa Valley Chapter – Viktor Wozniak, Aerospace Eng, Carleton U \$3k
- Upcoming Events
 - 2022 ASHRAE Winter Meeting – Las Vegas, NV (Jan 29-Feb 2/2022)
 - 2022 ASHRAE International Ventilation Conference (June 22-24/2022)
 - 2022 ASHRAE Annual Meeting (June 24-29/2022)

REGIONAL PHOTO

(taken of Delegates and Alternates – screen capture)

MINUTES OF THE FIRST BUSINESS SESSION – Thur Aug 19, 2021 3:05pm

The following attended the 1st Business Session
see ORIENTATION SESSION list

Ron Gagnon, DRC, opened the 1st Business Session at 3:05pm on Thu Aug 19, 2021.

Ron then reminded everyone about the **ASHRAE Code Of Ethics** and read to the group

ASHRAE Code Of Ethics Commitment

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APPROVAL OF 2020 CRC MINUTES

Ron Gagnon, DRC, called for discussion and **Motion** for approval of the minutes from 2020 CRC - Virtual

Moved by: NB/PEI - John Willden and 2nd by: Ottawa Valley - Adrienne Mitani

All voted in favour of the motion and the 2020 CRC Minutes

Approved (9/0/0)

STATUS OF 2020 REGION 2 MOTIONS SUBMITTED TO SOCIETY

Ron Gagnon, DRC, called upon Dan Castellan, RMCR to report on the motions from last year at Society and the status of these motions.

{refer to Appendix-B - Region 2 Motion Society Status 2021}

READING OF NEW MOTIONS

Dan then presented/read the New 2021 Draft Motions that had been prepared so far so that Delegates and Alternates could do an initial review and discuss before formal discussion and voting on Friday. (refer to motion tables of this 2021 CRC for the actual final motions presented).

2022 CRC BUDGET – OTTAWA, ON

Ron Gagnon, DRC, indicated that with the covid causing changes and constraints by Public Health. Ottawa is still willing to host the 2022 CRC but no venue is currently set and therefore a budget not yet set.

Ron proposed that a “taskforce” be created to assist Ottawa to help prepare. Budget and venue to be set and information forwarded in the fall.

[break for 10 minutes]

SOCIETY OFFICER REPORT

Ron Gagnon, DRC, called on Don Brandt, Society VP AND Tim McGinn for their reports and presentations.

Don Brandt presented and discussed ASHRAE Leadership:

{refer to Appendix – II - ASHRAE Leadership Presentation}

- ASHRAE Policies include: Code of Ethics, Sexual Harassment commitment, Commercialism Policy
view ASHRAE Governing Documents at ashrae.org/about/governance
- Memoranda of Understanding (MOUs)
- Financial Impact of COVID-19
- Diversity, Equity, & Inclusion (DEI) in ASHRAE
- By-Laws changes – change “Member” to “Full Member” was passed
- Task Force for Building Decarbonization & Vision 2030
- Committee and Honors & Awards Nominations needed
- New Global Headquarters <http://www.ashrae.org/newhq>
- Epidemic Task Force (ETF) - COVID-19 resources ashrae.org/covid19
- Membership & Communities
- ASHRAE Support – Research Promotion (RP), Grants & Scholarships
- Government Affairs – 19/20 had 50 events and 20/21 estimated 78 events
- Professional Development – eLearning, Learning Institute, Certification
- New Initiatives from President Mick Schwedler – Learning Pathways
- Publications and Standards – several updates and new
- Resources
- ASHRAE Topical Conferences
- 2022 ASHRAE Winter Conference & AHR Expo

SOCIETY STREAMLINING

Tim McGinn presented Ideas for Streamlining Our Society

{refer to Appendix - I2 - Streamlining Discussion}

- past 2 years, BOD committees investigating opportunities to streamline: no one really making strategic decisions, publications taking too long to come to market, decisions take too long
- created Guiding Principles of Streamlining Process
- Ideas for Regions/ Regional Representation
 - Keep same number of Regions
 - Consider combining two or three regions together to create super-region similar to RAL

Some other option?

- Need input from Members/Chapters
On how to serve the Chapter and Regions better?
What should ASHRAE stop doing or requesting?
What is the most effective way to do things?

SOCIETY STAFF REPORT

(none presented)

CHAPTER REPORTS

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

{refer to Appendix C – Chapter Reports}

#100 Halifax	Jarid Wilson
#117 NB/PEI	John Willden
#013 La Ville de Quebec	Maxime Boivin
#014 Montreal	Mathieu Rondeau
#015 Ottawa Valley	Adrianne Mitani
#016 Toronto	Abhishek Khurana
#037 Hamilton	Robyn Ellis
#116 London Canada	Kathleen Mayberry
#141 Windsor	Amanda Forest

[BREAK after to Chapter Reports – a 15-minute break occurred then the Evening Event / Awards Presentation started]

EVENING EVENT

VIRTUAL AWARDS And TRIVIA CONTEST

Guy Perreault - 2021 CRC Chair also had a fun Trivia Contest with several ASHRAE Region 2 questions.

Guy indicated that it was unfortunate that COVID has forced the in-person meeting to be cancelled and virtual CRC for the second year. It is hoped that next year's CRC will be back to in person in Ottawa.

AWARDS

During the trivia questions, some awards were presented along with winners.

{refer to Appendix E – Award Ceremony List 2021}

MINUTES OF THE SECOND BUSINESS SESSION – Fri Aug 20, 2021 9:00am

The following attended the 2nd Business Session

<u>CHAPTER</u>	<u>DELEGATE</u>	<u>ALTERNATE</u>
#100 Halifax	Dan Bourque	Jarid Wilson
#117 NB/PEI	John Willden	Kevin Clannon
#013 La Ville de Quebec	Maxime Boivin	Olivier Bernier
#014 Montreal	Mathieu Rondeau	Sonia Pournazari
#015 Ottawa Valley	Adrianne Mitani	Ryan Dickinson

#016 Toronto	Abhishek Khurana	Kurt Monteiro
#037 Hamilton	Robyn Ellis	Mitchell Rohrer
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#141 Windsor	Amanda Forest	Jamie Smith

<u>NAME</u>	<u>CHAPTER or SOCIETY</u>	<u>POSITION</u>
Don Brandt	Society (Arizona)	Society VP
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Jeff Clarke	Montreal	ARC
Doug Cochrane	Toronto	Regional Representative
Nicolas Lemire	Montreal	Nominating Chair
Isabelle Lavoie	Montreal	Nominating Alternate
Daniel Redmond	Ottawa	RVC CTT
Michael Genin	Toronto	RVC GA
Ibrahim Semhat	London	RVC RP
Alekhy Kaianathbhatta	Toronto	RVC YEA
Liz Primeau	Ottawa Valley	RVC SA
Tom Pollard	London Canada	CRC Secretary / RVC Historian
Guy Perreault	Quebec	2021 CRC Chair

VISTORS

Andy Hrutka (Windsor), David Underwood (Toronto), Eric Pelletier (Windsor), Eshan Patil (Toronto), Jean Bundock (Quebec), John Molnar (Hamilton), Marli Moise (Toronto), Mike Boudreau (NB/PEI), Mustafa Morsy (Hamilton), Paul Greff (Windsor), Ryan Dickson (Ottawa Valley)

Ronald Gagnon, DRC, opened the 2nd Business Session at 9:00am on Fri Aug 20, 2021.

Ron then reminded everyone about the **ASHRAE Code Of Ethics** and read to the group

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REGIONAL 2 STATISTICS

Ronald Gagnon, DRC, called upon Tom Pollard to show the **Region 2 Statistics Table** prepared from combing each of the chapter reports and allowing a year to year comparison. A review of the Regional Statistics and the chapter membership numbers (assigned and dues paying members) as the numbers effect the Region 2 Budget.

{refer to Appendix C – 2021 Chapter Statistics Table}

Total for Chapter Dues Paying Members = 1507 for 2021

was 1586 in 2020, and 1820 for 2019, and 1771 for 2018

Reduction in Region Dues Paying members will effect the Regional Fund and the Seed for CRC 2022.

REGIONAL VICE-CHAIR (RVC) REPORTS

Ronald Gagnon, DRC, then asked the RVC reports and highlight the year activities as a region.

{refer to Appendix D – RVC Reports}

Chapter Technical Transfer (CTT) - Daniel Redmond
Student Activities (SA) - Liz Primeau
Government Affairs (GA) – Mike Genin
Research Promotion (RP) - Ibrahim Semhat
History - Tom Pollard
Communications Committee (CC) - Tom Pollard
Young Engineers In ASHRAE (YRC/YEA) – Alekhya Kaianathbhatta
Membership Promotion (MP) – John Molnar

Ronald Gagnon, DRC, then asked Dan Castellan (RMCR) for a summary of Region Members Council meeting. Dan indicated motions reviewed and discussed.

ASHARE RESEARCH CANADA

Ronald Gagnon, DRC, called on Guy Perreault for an update on ASHRAE RESEARCH CANADA (ARC).

Guy explained that a board meeting is required with Canadian Chapters in Region 2 and Region 11. A date suitable for Delegates to be set along with ARC Directors to review necessary documents – proposed end of Sept 2021.

ASHARE SOCIETY STREAMLINING FEEDBACK

Ronald Gagnon, DRC, called on Tim McGinn and Don Brandt to allow for discussion about proposed reorganization of the ASHRAE Board, Regions and Committees.

{refer to Appendix - I2 - Streamlining Discussion}

Questions and discussions involved:

Is Board size to large at 31 total?

Other associations have 12 to 15

Should Regions be joined to created lager regions

Will larger Regions create the feeling that less of a voice at Board?

And then would have fewer DRCs on the Board

How is Committee working with Regions? Who should attend CRCs?

Do chapter members know how Society works at the top?

[BREAK to allow for setup and preparation for lunch presentation]

LUNCH EVENT

PRESIDENTIAL ADDRESS

Mick Schwedler, 2021-22 ASHRAE President

Presidential Address:

Personal Growth. Global Impact. Feed the Roots.

Presented by Don Brandt

refer to Society web site – Presidential Theme

<https://www.ashrae.org/about/leadership/ashrae-president>

with link to video: <https://youtu.be/stRra4HZHjc>

MINUTES OF THE THIRD BUSINESS SESSION – Fri Aug 20, 2021 1:11pm

The following attended the 3rd Business Session
see 2nd Business Session list

Ron then reminded everyone about

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WORKSHOP REPORTS

Ronald Gagnon, DRC called for the Regional Workshop Reports that had occurred before the CRC.

Normally a Workshop Attendee would present by as Workshops done virtually, the RVC presented the summary.

CHAPTER TECHNICAL TRANSFER (CTT) WORKSHOP REPORT - Daniel Redmond

Attendance: 12

Challenge was the change from two sessions for a total of 5 hours for in-person workshop to virtual that was 3 hours. Dan plans on 1 on 1 sessions in future for setting of goals. Had to schedule with everyone. New people liked the overview. Plan for a solid year and continued growth.

STUDENT ACTIVITIES (SA) WORKSHOP REPORT - Liz Primeau

Attendance: 5 chapters in attendance

General 2.5 hour workshop and plan for one-to-one sessions. Reviewed reports, K to12, how to do PAOE, discussed student branches, students with capstone projects, increase student numbers as a priority

GOVERNMENT AFFAIRS (GA) WORKSHOP REPORT - Michael Gerin

Attendance: 8 out of 9 chairs

Virtual 2 hours session with great attendance, review Epidemic Task Force. Number of events has been increasing and able to do virtual which is easier and quicker for meetings.

RESEARCH PROMOTION (RP) WORKSHOP REPORT - Ibrahim Semhat

Attendance: 4 out of 9 chairs

Virtual workshop and planning on make-up session. Reviewed what is needed as RP Chair, PAOE roadmap , deadlines, best practices, MBOs. Discussed goals and communications. Regional goal = \$196,000 (same as last year)

HISTORICAL WORKSHOP REPORT - Tom Pollard

Attendance: 8 out of 9 chapters and able to do one-on-one follow-up, 8 returning chairs

Some chapters had items forwarded so could be displayed during the CRC breaks. PAOE revised as 125th anniversary items removed by other items stay the same so need to make up in other areas. Chapter history updates to be done. Some chapters have anniversary dates: Quebec Dec 2021 has 65th, London May 2022 has 50th, Toronto May 2022 has 100th and also the Society summer meeting.

COMMUNICATIONS WORKSHOP REPORT - Tom Pollard

Attendance: 8 out of 9 chapters (13 attendees)

Reviewed PAOE which are similar to last year but have better breakdown of events, publications, social media, promote presidential theme, use ASHRAE marketing, Communication Committee Office Hours Sessions,

YOUNG ENGINEERS IN ASHRAE (YEA) WORKSHOP REPORT - Alekhya Kaianathbhatta

Attendance: 7 out of 9 chapters

Held a workshop in July, members join for different reasons and knowing would help with retention, discussed MBOs,

PAEO and StartSmart. Leadership weekend may be revised due to covid.

MEMBERSHIP PROMOTION (MP) WORKSHOP REPORT - John Molnar

Attendance: 7 out of 9 chapters, Toronto had 4 in attendance

All but 1 are returning chairs, reviewed items from last year and items that did not get done, want to proceed with getting MP recruitment material translated into French, want to follow-up with member retention (cancelled and delinquents), there is a “hardship” option within ASHRAE so could help a member stay as a member.

Awards for PAOE: Blue Ribbon (1st place) – Toronto, Red Ribbon (2nd place) – Montreal

LimeLight (largest growth) - Hamilton

Boomerang (highest retention rate) - Hamilton

CHAPTER OPERATIONS WORKSHOP REPORT – Dan Castellan

Attendance: 24 total with all chapters represented

Reviewed the slide desk/presentation

REGION 2 HONORS & AWARDS

ASHRAE Staff supplied a updated list of winners. The latest version in posted on Basecamp

EXECUTIVE SESSION & NOMINATING REPORT

Ronald Gagnon, DRC, called on Nicolas Lemire from report from the **Caucus and Executive Sessions**.

Nicolas reported that the positions had been completed by using 2 virtual sessions on July 21 & 22, 18 in attendance (missing only 2) with 8/9 chapters participating. Delegates and Alternates came prepared. All positions have names brought forward.

The New Nominating Member and Alternate for next year will be:

Nominating Member - Isabelle Lavoie

Nominating Alternate - Frank Mesicek

Nominating Reserve Alternate - Nicolas Lemire

The Ethics Review Board for next year will be the same as Nominating:

Board Member - Isabelle Lavoie

Board Alternate - Frank Mesicek

Board Reserve Alternate - Nicolas Lemire

Nicolas thanks the Delegates and Alternates who came prepared for the sessions which helped with the discussion.

REGION 2 FINANCES

REGIONAL FINANCES – 2021-2012 BUDGET

{refer to Appendix - H03 - Region II Budget 2021-2022}

Ronald Gagnon, DRC presented the draft Regional Financial Budget for 2021-2012 to allow for review and questions.

Ron explained that regional member numbers are down. This reduces the Chapters Assessment Dues collected.

As the reported Chapter Dues paying members has been reduced to 1507 (down from 1586).

Overlapping RVCs for Annual Meeting attendance has been allowed.

CRC Chapter support – used to help smaller chapters send people to the CRC.

Planned are LEADRS expense and YEA Weekend expense.

Society Winter and Annual/Summer Meetings have been planned for but may not be used if travel restrictions due to covid are still in effect. RVC expenses for Toronto Annual Meeting may be reduced.

Ron had the budget tabled until a review of motions and CRC Ottawa expenses are known.

REGIONAL FINANCES – 2020-2021 AUDIT

*{refer to Appendix - H01 - ANNUAL FINANCIAL SUMMARY REPORT 2020-2021
Appendix - H02 - REGIONAL FINANCIAL REPORT 2020-2021}*

Ronald Gagnon, DRC reviewed the Regional Financials 2020-2021 including incomes and expenses.

Regional activity is limited due to reduced items caused by covid.

The table shows starting balance of \$39,236.03 and ending balance of \$52,240.28 (incomes: \$20,998.51 and expenses: \$7,994.26).

2021 SOCIETY AND REGIONAL MOTIONS

Ronald Gagnon, DRC, reviewed the motion process by reading of the motion with a Delegate to “Move”, then having a Secondar to the motion before the motion can be discussed. If there is no Secondar to the motion, then the motion will die. The Chair votes when there is a tie. There are 2 types of motions: Regional Motions and Society Motions.

Don called on Dan Castellan, RMCR to ready the motions.

Dan read/presented the prepared motions that had been submitted to allow for review, discussion and approval. (The follow motions have been reorganized below to group Society and Region Motions together).

S=Society Motion, R=Regional Motion

2021 Motion #	STATUS For/Against/Abstain	MOTION
2021-S-01	7/0/0	It is proposed that the “Chapters’ reports made available by the Society” states the involvement of chapter’s and region’s assigned members on Technical Committees and other Technical activities at Society level, including involvement TC by June 2022.
2021-S-02	7/0/0	The Toronto Chapter moves that Members Council directs the Conference and Exposition Committee to make 1 of the 8 tracks for the Toronto Annual 2022 meeting on the current hot topic of “Building Decarbonization” by 9/10/2021.
2021-S-03	7/0/0	The Toronto Chapter moves that PAOE Points for YEA5, YEA6 and YEA7 shall be automatic by June 2022.
2021-S-04	Withdrawn	Moved that Society add a selectable chapter position for both ‘Golf Committee Chair’ and ‘Golf Committee Co-Chair’ in the Members CIQ by June 2022.
2021-S-05	Withdrawn	Moved that Society provide support and recommend that the National Plumbing Code of Canada, Ontario Building Code and other provincial codes, allow a sustainable plumbing trap solution in lieu of the current “trap priming” solution.
2021-R-01	FAIL 1/7/0	The Toronto Chapter moves that Regional Nomination Committee can’t have 2 people from the same chapter.
2021-R-02	Withdrawn	Host the CRC Caucus sessions virtually in advance of in person CRC

2021 SOCIETY AND REGIONAL MOTION DETAILS

Society Motions

Society Motion: 2021-S-01

Moved By: Montreal Chapter

Seconded By: NB/PEI Chapter

Motion: It is proposed that the “Chapters’ reports made available by the Society” states the involvement of chapter’s and region’s assigned members on Technical Committees and other Technical activities at Society level, including involvement TC by June 2022.

Background Information: Actual Society reports do not give information to the Chapters about members’ technical involvement at the Society. Members do not declare their involvement on TC to the chapter. Therefore, chapter’s officers

lack knowledge about their assigned members involvement and expertise outside of chapter's operation.

Members and chapters would benefit if chapters had information about members' involvement at Society Level and be able to better recognize members' involvement on some TCs and at Society conferences, invite local members at local events and to share expertise and act as leaders in order to encourage colleges and local experts outside ASHRAE to follow their lead and join ASHRAE (peer to peer coaching, testimonials, shadowing).

Fiscal Impact: unknown

Vote Count: 7/0/0 For/Against/Abstained (Quebec & Halifax not in attendance)

Society Motion: 2021-S-02

Moved By: Toronto Chapter

Seconded By: Montreal Chapter

Motion: **The Toronto Chapter moves that Members Council directs the Conference and Exposition Committee to make 1 of the 8 tracks for the Toronto Annual 2022 meeting on the current hot topic of "Building Decarbonization" by 9/10/2021.**

Background Information: The Task Force on Building Decarbonization of ASHRAE request in July of 2021 that CEC consider one track on building decarbonization. The task force will have many products available by June of 2022 to present in Toronto. We feel this is the most important subject to preserve the future of our planet and will position ASHRAE as the building decarbonization experts.

Fiscal Impact: None as 8 tracks have already been announced

Vote Count: 7/0/0 For/Against/Abstained (Quebec & Halifax not in attendance)

Society Motion: 2021-S-03

Moved By: Toronto Chapter

Seconded By: NB/PEI Chapter

Motion: **The Toronto Chapter moves that PAOE Points for YEA5, YEA6 and YEA7 shall be automatic by June 2022.**

Background Information: This is data that can be easily collected on a society level, very difficult to trace on a chapter/individual level. When members are added as provisional members or promoted to voting positions at TCs, or when they provide technical presentations at society meetings and conferences, should be automatically tracked and added to the appropriate chapters PAOE points trackers.

Fiscal Impact: Unknown. Possibly None.

Vote Count: 7/0/0 For/Against/Abstained (Quebec & Halifax not in attendance)

Society Motion: 2021-S-04

Moved By: Windsor Chapter

Seconded By: Toronto Chapter

Motion: **Moved that Society add a selectable chapter position for both 'Golf Committee Chair' and 'Golf Committee Co-Chair' in the Members CIQ by June 2022.**

Background Information: Presently, Golf Committee is not a recognized position in the CIQ. It takes quite a bit of volunteer time and as such should be recognized in the ASHRAE Individual Bio Report.

Fiscal Impact: (unknown)

Vote Count: WITHDRAWN (discussed that CIQ has Chapter Special Events Committee position)

Society Motion: 2021-S-05

Moved By: Windsor Chapter

Seconded By: Hamilton Chapter

Motion: **Moved that Society provide support and recommend that the National Plumbing Code of Canada, Ontario Building Code and other provincial codes, allow a sustainable plumbing trap solution in lieu of the current "trap priming" solution.**

Background Information: The current accepted process uses water, typically sourced from the potable water supply. This water is being used to trap the sewer gases and prevent them from entering spaces as the gases may be harmful to humans. The water is typically treated as provided as 'City Water', or collected and treated as 'Grey Water'. This 'wet' method of trap guarding disposes of fresh water, attributing to chemicals and energy use that can be greatly reduced in support of energy efficiency and sustainability. Furthermore, many of the Trap priming systems run undetected, which can produce excess amounts of water use as well as the dangerous alternative deficient amount of water allowing sewer gas pass through the trap. In some applications water needs to also be pumped to the source which expends energy in very small amounts though adds up over time.

An alternative method is to provide a solution equal to or similar to a Trap Guard which allows water to pass into the sewer and stops sewer gas from entering the space, without the use of water. This is also easily installed from ground level without requiring additional piping materials to be installed underground which tend to fail. The Trap Guard solution also allows for visual inspection of the material for maintenance purposes.

Example: 100 ft of pex pipe carries approx. 1 gallon of water. One building may have 10 drains x 100 ft = 10 gallons.

Toronto has 67 skyscrapers currently. Lets say avg 40 floors each, and each have only 10 drains. That is over 26,000 gallons

of treated water. The actual number is much higher.

Fiscal Impact: unknown

Vote Count: WITHDRAWN (discussed that ASHRAE is not the proper group for this motion)

Regional Motions

Society Motion: 2021-R-01

Moved By: Toronto Chapter

Seconded By: Quebec Chapter

Motion: **The Toronto Chapter moves that Regional Nomination Committee can't have 2 people from the same chapter.**

Background Information: Having 2 people from the same chapter serving on regional nominating committee can potentially result in the region missing out on talent from other chapters.

Fiscal Impact: NIL

Vote Count: **FAIL** 1/7/0 For/Against/Abstained (Halifax not in attendance)

Society Motion: 2021-R-01

Moved By: Windsor Chapter

Seconded By: Ottawa Chapter

Motion: **Host the CRC Caucus sessions virtually in advance of in person CRC.**

Background Information:

Fiscal Impact: NIL

Vote Count: WITHDRAWN (Operation manual has Caucus required during CRC)

END OF MOTIONS

REGION 2 WEBSITE and BASECAMP

Ronald Gagnon then asked if anyone had questions or items to add regarding the Region 2 website and Basecamp.

Tom Pollard, Region 2 Webmaster indicated that Region 2 RVC's and Chapter contacts for 2021/2022. Society has developed a Wordpress template for chapters is any wish to use (the chapter would need to arrange for hosting at approx. \$300USD).

Everyone should have Basecamp access and Chapters can also use for their Chapter Board functions. CRC information is on Region 2 web site and on Basecamp.

UPCOMING CRC DATES AND LOCATIONS

Aug 26 to 28, 2022 - Ottawa, ON - Chair: Steven Lynch, Evans Mutua

A CRC Task Force will be created to assist Ottawa in arranging for the hosting duties as need to arrange.

Aug 25 to 27, 2023 - London, ON (chair – tbd)

Aug 23 to 25, 2024 - Toronto, ON (chair – tbd)

Note: Toronto Summer Society meeting **June 25-29/2022**

NEW BUSINESS

Ronald Gagnon, DRC, reviewed some new business

Ron has some question if any would want Region 1 joint meetings or Mega CRC would be considered. Could also consider with Region 11 or Region 5.

Concerned were about travel especially for the small chapters. Streamlining of Society may also effect had Regions are grouped.

FINAL REMARKS

Ronald Gagnon, DRC, then thanked the Delegates and Alternates for their participation over the 2 days.

Ron thanked the Society Officers for attending and their time commitment along with CRC presentations.

Don Brandt - Society Vice President

Tim McGinn - Society Vice President

Ron then proposed a Motion that the meeting be adjourned.

The 3rd Business Session of the 2021 CRC was concluded.

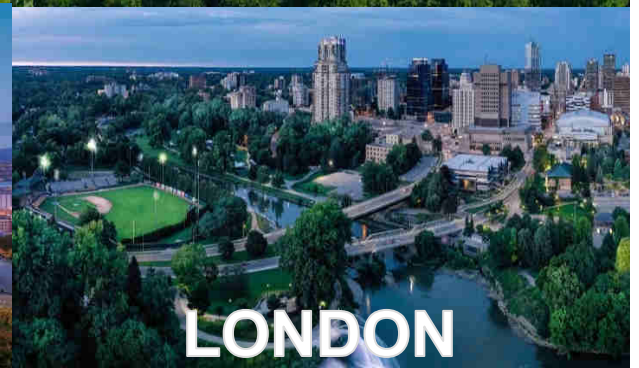
**THE 3rd BUSINESS SESSION & CRC ADJOURNED AND CONCLUDED
AT 3:52PM ON Fri Aug 20, 2021**

A CRC debriefing meeting was held after the adjournment.



Region II

2021 Virtual CRC



Region II, Quebec city, Virtual CRC 2021 Agenda, rev 2

Day 1: Thursday, August 19th

Time (EST)	Event	Participants
14:00 – 14:45	Orientation Session	Delegates, Alternates, Reg. Officers <i>All are welcome</i>
	<ol style="list-style-type: none"> Welcome Remarks ASHRAE Code of Ethics Introduction Appointment of the CRC recording secretary Review and approval of CRC Agenda 2020-2021 Society and Regional Highlights Review of Honors and Awards Review of RVC roll off dates Regional Photo 	<p>R Gagnon R Gagnon ALL R Gagnon R Gagnon</p> <p>D. Cochrane</p> <p>I.Lavoie / N. Lemire R Gagnon Regional team, Delegates and Alternates</p>
14:45 – 17:00	Business Meeting No. 1	Delegates, Alternates, Reg. Officers <i>All are welcome</i>
	<ol style="list-style-type: none"> Call to Order ASHRAE Code of Ethics Approval of 2020 CRC Minutes Report of 2020 Region II Motions submitted to Society Reading of any prepared Motions 2022 Ottawa Valley CRC Budget Bio break 10 min Society Officer Report VP Society streamlining presentation ASHRAE Staff Report Chapter Reports (5 minutes each) <ol style="list-style-type: none"> NB/PEI Québec City Montreal Ottawa Toronto Hamilton London Windsor Halifax Meeting Adjournment 	<p>R Gagnon R Gagnon R Gagnon D. Castellan</p> <p>D. Castellan TBD</p> <p>D. Brandt T. McGinn TBD</p> <p>Delegates John G Willden Maxime Boivin Mathieu Rondeau Adrianne Mitani Abhi Khurana Robyn Elis Kathleen Mayberry Amanda Rose Forest Jarid Mathew Wilson R Gagnon</p>

17:00 – 17:15	Break	All
17:15 – 19:00	Awards Cocktail and trivia	All

Day 2: Friday, August 20th

Time (EST)	Event	Participants	Location
09:00 – 11:30	Business Meeting No. 2	Delegates, Alternates, Reg. Officers <i>All are welcome</i>	
	<ol style="list-style-type: none"> 1. Call to Order 2. ASHRAE Code of Ethics 3. Regional Statistics 4. RVC Reports (5 minutes each) <ol style="list-style-type: none"> a. CTTC b. SA c. GAC d. RP e. CC f. Historian g. YEA h. MP i. RMCR <li style="text-align: center;">Bio break 10 min 5. ARC (Ashrae Research Canada) 6. Society streamlining feedback 7. Meeting Adjournment 	R Gagnon R Gagnon T. Pollard D. Redmond E. Primeau Mike Genin I. Semhat T. Pollard T. Pollard A. kaianathbhatta J. Molnar D. Castellan G. Perrault T. McGinn R. Gagnon	
12:00 – 13:00	Presidential Address	Don Brandt VP	

Time (EST)	Event	Participants	Location
13:00-13:15	Break		
13:15 – 16:00	Business Meeting No. 3	Delegates, Alternates, Reg. Officers <i>All are welcome</i>	
	<ol style="list-style-type: none"> 1. Call to Order 2. ASHRAE Code of Ethics 3. Workshop Reports including Motions (5 minutes max) <ol style="list-style-type: none"> a. CTTC b. SA c. GAC d. RP e. Historian 	R. Gagnon R. Gagnon D. Redmond E. Primeau M. Genin I. Semhat T. Pollard	

	<ul style="list-style-type: none"> f. CC g. YEA h. MP i. RMCR <p style="text-align: center;">Bio break 10 min</p> <ul style="list-style-type: none"> 4. Report from Executive Sessions 5. Finances 6. Approval of 2020 virtual CRC Financial Statement 7. Approval for 2021-2022 Region II Budget 8. Region II Audit 2020-2021 9. CRC 2022 Ottawa Valley Budget Approval 10. Motions 11. New Business 12. Website 13. Basecamp 14. CRC dates for the next three years <ul style="list-style-type: none"> a. Ottawa: Aug 26-28, 2022 b. London: Aug 25-27 2023, tentative c. Toronto: Aug 23-25 2024, tentative 15. New Business <ul style="list-style-type: none"> a. June 25-27, 2022 Society Annual Summer Meeting in Toronto, ON. b. 100th ASHRAE Toronto Chapter anniversary c. 50th ASHRAE London Chapter anniversary 16. Final Remarks 17. Meeting Adjournment 	<ul style="list-style-type: none"> T. Pollard A. kaianathbhatta J. Molnar D. Castellan N. Lemire R. Gagnon R. Gagnon R. Gagnon G. Perreault R Gagnon D Castellan R. Gagnon T. Pollard T. Pollard TBD R. Gagnon R. Gagnon R. Gagnon 	
16:00 – 17:00	CRC Debriefing	DRC, RMCR, RVC's ASHRAE Dignitaries Quebec & Ottawa CRC Chairs <i>All are welcome</i>	

REGION II FALL CRC MOTIONS

Last Revised: 08/13/2021

Toronto Chapter – Motion 6.a (11/10/2020):

That Society, allocate RP funds from branch offices to the correct Chapter, and not to the chapter where that companies HQ resides.

Answer: It is the policy of the RP Campaign to credit gifts according to donor wishes. In most cases, that means that the local chapter is credited for gifts from a company branch, but there are exceptions. The RP Committee is reaching out to the Toronto Chapter in order to understand the circumstances of this motion and to communicate campaign policy. **(Complete)**

Toronto Chapter – Motion 7 (11/10/2020):

That Society continue the HVAC Essentials training in Canada with Canadian instructors while the border between the US & Canada is closed.

Answer: Members Council was not in favor of this motion. It was reported that according to ASHRAE's Professional Development Manager (Karen Murray), ASHRAE has not offered face-to-face HVAC training since March 2020 and do not expect that it will change at this time. However, the Professional Development group have been working on a schedule for online training which will be offered across the globe. Also, Joel Primeau will be one of the online instructors.

Montreal Chapter – Motion 8 (11/10/2020):

That ASHRAE allows members to choose either a standard, a book, a guide, a course or ASHRAE merchandise instead of the annual handbook at the time of renewal.

Answer: Members Council did was already in progress, see information below from MP staff:

Effective beginning SY 2021-22, Full Members and Associate Members will be able to choose one of the following for the benefit of membership each year:

- That year's Handbook (pdf)
- One ASHRAE Standard of the member's choosing (pdf)
- One eLearning Course of the member's choosing

MOTION 8 FAILED. (unanimous voice vote, chair not voting)

Montreal Chapter – Motion 10B (11/10/2020):

That donation to ASHRAE Foundation scholarships from a Canadian chapter or a Canadian Member are recognized by Society in Canadian dollars in order to use the same currency as ASHRAE Research Canada objectives be referred to the Foundation Trustees for consideration with copy to the RP Committee as an information item.

Status: This motion was referred to the Foundation Trustees for consideration with copy to the RP Committee as an information item. **(Open)**

Montreal Chapter – Motion 10.c (11/10/2020):

That Region 2 volunteers identify what MP and GAC documentation is required in French and begin translation which Society will review and post to the Society web site.

Status: This motion was referred to the Communications Committee for comment. **(Open)**

Halifax Chapter – 2020 CRC Motion 4:

That standard local bylaws be updated to allow for e-Votes at board of governor meetings. Currently votes are allowed by people present at the meeting in person only.

Answer: An action item was assigned to the Manual Subcommittee to use the same verbiage of electronic voting in the chapter constitution and bylaws that are currently in the ROB and MCO since this is already available. **(Complete)**

Montreal Chapter – 2020 CRC Motion 5:

That Society dedicates a Go-To-Meeting and Go-To-Webinar administrator access for each Region to facilitate the scheduling of our monthly meeting and virtual events. All chapters could have a dedicated log in account to help plan their events.

Status: This motion is being sent back to the chapter to determine 1) fiscal impact and 2) explore other inexpensive options that are available.

Toronto Chapter – Motion 7a (11/14/2019):

That Society revise the criteria for the Scholarship Program to allow the contribution to be taken in Canadian funds and the scholarship be given in Canadian funds.

Status: This motion was referred to the Scholarship Trustees for consideration and was later referred to the ASHRAE Foundation Trustees since the issue involves the contribution of funds, which is the responsibility and work of the ASHRAE Foundation. **(Open)**

Quebec Chapter – Motion 8 (11/14/2019):

That funding for the Women in ASHRAE (WIA) be restored and maintained as it was before the announcement that ASHRAE was ending its financial support of the WIA program and activities.

Answer: Members Council was not in favor of this motion. The WIA Breakfast (Winter) and WIA Happy Hour (Annual) events and funding were not cut for the two events. The WIA Breakfast and WIA Happy Hour are currently in the 2019-20 budget and will be in the 2020-21 conference budget unless otherwise notified. **(Complete)**

Montreal Chapter – Motion 9 (11/14/2019):

That in order to protect members against identity theft, the Full Date of birth (month-day-year) should not be requested at member's registration but only MONTH and YEAR.

Answer: Members Council was not in favor of this motion. The ASHRAE IT and MP staff took an action item to comment on the current procedures taken to: protect member data; impact of cost and services; and impact on programs that currently uses the full date of birth. Their responses are shown below. **(Complete)**

Comments from MP Staff: From a programmatic stand point, ASHRAE uses the birthdate to determine eligibility for certain member grades. Affiliate is required to be less than 30, Life is 65 or older, Retiree is 55 or older, YEA is 35 years or younger. MP staff also thinks that other awards may have some sort of age requirement, but cannot speak to those with authority. MP staff are also asked for demographics on ASHRAE's membership that tracks age, average age of total membership so the age is used quite a bit. Only allowing month/year would require extensive reprogramming, as IT staff references below. MP staff agrees that we should focus our efforts on data security versus trying to reprogram to remove date. One possibility in the meantime is that the birthdate could be removed from Chapter reports and provide only the age to chapter officers to lower the chance of the date getting into the wrong hands.

Comments from IT Staff: From a technical perspective, protecting member data from theft is vital and should not be limited to the scope of birthdate. IT is skeptical how much additional security would be gained by removing day from the birthdate given the other data that would be lost in a breach condition. ASHRAE has recently conducted a thorough security assessment and continues to use industry best practices and equipment to protect ASHRAE's environment (i.e. firewalls, intrusion protection systems, access control, physical security, security policies, resource isolation, etc.). That said, banks and other

institutions with much larger resources than ASHRAE have indeed been breached and so the threat is real. Fortunately, ASHRAE is likely much lower on the radar compared to larger institutions.

It may be possible to change the underlying date format of this field in ASHRAE's database, however it's difficult to say what kind of rippling impact it would have on the many areas of our site it would impact. For example, our Join, Renew, Profile, Account creation, and Internal/Chapter Reports would all need to be modified and tested. The content management system IT uses, NetForum, by default utilizes a full date and this is what drives many baseline types of data interaction. This would be a fairly sizable effort.

IT's suggestion is to continue to strengthen all data security measures and use our energy for that as opposed to cherry picking single pieces of data. IT already has additional security strengthening projects actively in the works and the member sentiment for security re-affirms ASHRAE's commitment to strong security. IT Staff has an action item to use the month and year on the reports.

Toronto Chapter – Motion 10 (11/14/2019):

That Society hold at least one in four annual (summer) conference in a location outside of the United States.

Answer: Members Council was not in favor of this motion. When selecting a site for ASHRAE's annual conference, Society looks for cities that meet the following criteria (click on the link; this is posted on the ASHRAE.org website under the Conferences section): [Criteria for City/Hotel Selection for an ASHRAE Annual Conference](#)

- Accessibility and convenience to attendees
- Affordability for attendees and for Society
- Ideal Venue layout (i.e. one building or multiple buildings within walking distance)

An average of about 85% of ASHRAE annual conference attendees are based in the United States or Canada, therefore ASHRAE has kept annual conference sites in those two countries. The 2022 annual conference will be hosted in Toronto. Any city is welcome to place a bid on the next available ASHRAE annual conference in 2025. Any inquiries from interested cities can contact meetings@ashrae.org but all cities must be able to meet the criteria in the above link before submitting a bid. All bids are reviewed by CEC and the components listed above are the biggest factors that CEC takes into account when reviewing proposals. ASHRAE Meetings Section will announce an RFP for the 2025 Annual Conference next spring/summer. Chapters are encouraged to take the opportunity by putting in a bid to host the annual conference. **(Complete)**

Toronto Chapter – Motion 21 (11/14/2019)

That Society hold one HVAC Essentials course in Region II per year.

Status: This motion was referred to the Professional Development Committee to determine why the ALI course is saturated and no longer viable as indicated by the region. **(Open)**

Toronto Chapter – Motion 22 (11/14/2019):

That the SA and MP chapter chairs receive a monthly summary report in addition to the individual lapse member emails.

Answer: Members Council was not in favor of this motion. Chapter MP and SA chairs can login and run a report for this information whenever they want. The system can't send digest emails. Most Chairs like the individual emails as it allows for them to handle the one member, then file it away after they reach out to them. A digest is no different than the reports they can already run from the Chapter reports web page at any time they like. Staff is not needed to set up an automated report, they just have to log in and run it when they want to see it. **(Complete)**

Windsor Chapter – Motion 23 (11/14/2019):

That Society “to build a Standard” for neutralization systems for the prevention of release of corrosive wastes entering a sewer system. Corrosive waste neutralization systems do not currently have a standard for compliance and is referenced in the O.B.C. (Ontario Building Code) and N.P.C. (National Plumbing Code) 7.4.4.4 and 2.4.4.4 respectively as a requirement.

Answer: This motion was referred to Technology Council for input from the appropriate TC. Technology Council declined to recommend this standard and determined it was best to approach a plumbing society to develop as this is outside the scope of ASHRAE **(Complete)**

London Chapter – Motion 41 (11/14/2019):

That Society revise the PAOE website page and [PAOE Newsletter](#) to clearly show for each category the chair or co-chairs that can enter points.

Answer: Members Council approved this motion. Staff has taken an action item to update PAOE webpage and PAOE Newsletter that clearly shows in each category which chair and/or co-chair are authorized to enter PAOE points. **(Complete)**

London Chapter – 2019 CRC Motion 4:

That Society revise the PAOE website Communications portion to allow chapter chairs for communications, plus webmaster and plus newsletter editor to enter points.

Answer: This motion was referred to the PAOE Communications ad hoc for consideration and was approved; this will be implemented. **(Complete)**

Toronto Chapter – Motion 4 (11/8/2018):

That Society provide an auto-renewal function for Society collected dues (includes chapter dues if paid through Society).

Answer: This motion was referred to Accounting and IT staff to determine feasibility and costs. The motion will be implemented however members won't be affected until the following year's renewal cycle because they'll approve/choose auto-renewal when they renew this year (2020). **(Complete)**

Toronto Chapter – Motion 5 (11/8/2018):

That the Society provide an option to its members to opt-out of paper copies of the Journal.

Answer: This motion was referred to Publishing and Education Council. Members can opt out now by contacting ASHRAE. The council appreciates the concern for sustainability and is working to grow online/digital advertising revenue, which has supplemented or replaced a portion of many print advertising programs. That growth is occurring; however, print advertising revenue still outpaces online by more than three to one. It will be some years before online revenue will make it possible to rely on it without a substantial print advertising component. Opting out of receiving the print edition has the potential to severely damage the circulation and the accompanying value of the Journal to advertisers.

In addition, the interests of many ASHRAE members are not completely inseparable from those of advertisers in ASHRAE Journal and High Performing Buildings, and as long as the significant revenue stream from advertising supports the greater mission of ASHRAE, it is believed that the Society's work in advancing energy efficiency and sustainability in the built environment worldwide can more than offset the use of renewable/recyclable paper in disseminating its technical information.

In the spirit of the chapter's concerns about sustainable practices, the council is looking for ways to operate more sustainably. As an example, ASHRAE Insights is transitioning to digital-only distribution, and the use of polybag wrap for the Journal is being reduced from 10 issues to 3, with options being explored for eliminating it entirely. **(Complete)**

Montreal Chapter – Motion 6 (11/8/2018) / Motion 27 (06/25/2019) :

That Society provide a web platform, linked to the Society membership database, to be used by local chapters to help manage their local events. The web platform would allow members to register for events, pay with a credit card online, generate certificates for CEUs, etc.

Status: This motion was referred to the Electronic Communications Committee and to the Finance Committee for comment. The Finance Committee referred this motion back to Members Council with the following questions as shown below.

- What are the estimated development costs?
- What are the ongoing maintenance costs?
- Demand – need at the chapter or regional level?
- Will a fee be charged to users or does Society bear the entire cost to implement and maintain?
- Improvements/benefits to service to our members?

Answer: Members Council was not in favor of this motion. ECC received similar motions in the past. Based on the previous motions and their similarity, ECC has made available on the ECC page of ashrae.org a whitepaper entitled *Electronic Tools Used by ASHRAE Chapters for Websites, Event Planning, and Electronic Communication* containing a list of online tools and resources available to, and currently used by, chapters. ECC notes that this and similar requests for online tools to be used by chapters are reoccurring requests from chapters and therefore, despite the large expense would be open to considering it, however, ECC feels that this is still best addressed at the Chapter level, and not by Society, so recommends at this time that the chapters refer to the guidance currently available from ECC. **(Complete)**

London Chapter – Motion 7 (11/8/2018):

That Society give credit for RP cheques received after the deadline be credited to the next year's campaign.

Answer: This motion was referred to the RP Committee for comment. The RP Committee was not in favor of this motion. After consideration, the RP Committee decided that the current campaign deadline for chapter campaign goals and PAOE points will stand. Chapters are responsible for sending collected funds to ASHRAE headquarters by the June 30 deadline. **(Complete)**

London Chapter – Motion 26 (11/8/2018):

That Society allow access by the Chapter Historian to Regional Members past Society participation information.

Answer: This motion was referred to the Historical Committee. All Chapter Historians are directed to the Society H&A webpage – www.ashrae.org/honors and the H&A Reference Manual for all information regarding Honors & Awards and the nomination processes to be followed. Each Chapter Historian must contact Society to obtain individual members biographical information which should contain all members past Society participation, if it is kept up to date by the individual. Society provides very limited access to ASHRAE members' biographical information for security reasons. **(Complete)**

NB/PEI Chapter – Motion 27 (11/8/2018):

That Society Change the ruling that a candidate for Chapter Service Award or Regional Award of Merit need not be a member in good standing in order to receive the award.

Answer: Members Council was not in favor of this motion. If members are cancelled, they cannot receive an award. If chapters want to recognize members for their past contributions to the chapter they are free to do this on their own. The Regional Award of Merit and Chapter Service Award are presented during the regions' CRC. **(Complete)**

Montreal Chapter – Motion 28 (11/8/2018):

That Society encourage the VRF industry to publish performance data that is aligned with ASHRAE research; in particular, airspeed rates that are aligned with thermal comfort standards and research, as well as room air distribution research. Also, ratings that are based on standard room temperatures.

Answer 02/01/2021: This motion was referred to Technology Council. Technology Council referred this motion to TC 8.7 with copy to the TAC Chair. AHRI addresses the performance of VRF units in its AHRI 1230 Standard. It references ASHRAE 37 but then makes modifications in a normative appendix. This request as well as the request in item 28 has been handled through a negotiation process that included DOE. DOE will reference the AHRI 1230 Standard in its regulation so this and item 17 are complete. **(Complete)**

Montreal Chapter – Motion 12 (11/3/2017):

That the SmartStart fees for new members are changed from \$21-\$78-\$103 to \$20-\$80-\$100 starting in FY2018-19. In the future, when an increase to the dues is warranted for this program, the annual dues for SmartStart new members should be rounded up or down to a multiple of 10 to make it easier to sell.

Answer: This motion was referred to the Finance Committee. The Finance Committee agreed with the motion in principle and implemented rounding up to the nearest 0 or 5 into the newly created membership dues calculation for FY 19-20. **(Complete)**

NB/PEI Chapter – Motion 14 (11/3/2017):

That Society begin to research and publish ventilation information and recommendations on retail cannabis outlets as well as cannabis growing and transformation facilities.

Answer: This motion was referred to Technology Council. Staff contacted legal counsel for advice. The following is the information we received: "The cannabis issue is that we don't have it legal in the U.S. Until such time we have to be careful what we do. While we can do research it needs to be in countries where cannabis use is legal such as Canada. While legal in some states in the U.S. it is not in all and while I believe there may have been a law recently signed by Trump that would allow states to determine it based on legal advice we need to be careful in regards to publishing things regarding cannabis." We are cosponsoring a standard on growth houses with ASABE. This information has been shared with the relevant TCs. **(Complete)**

Ottawa Valley Chapter – Motion 15 (11/3/2017):

That Society consider reducing the minimum number of students required to form a formal Student Chapter from 10 student members to 5.

Answer: Members Council was not in favor of this motion. Student Branches cannot sustain itself with five (5) students; students may join another branch in their area. **(Complete)**

Toronto Chapter – Motion 16 (11/3/2017):

That ASHRAE join the Canadian Energy Efficiency Alliance, effective 01 July 2018.

Answer: This motion was referred to the Grassroots Government Advocacy Committee (GGAC). GGAC was in favor of this motion and Members Council approved the following motion from GGAC: "That Society join the Canadian Efficiency Alliance." GGAC has been working to develop better ways of serving ASHRAE's non-US members in their government relations activities and advocacy efforts. Joining the Canadian Energy Efficiency Alliance (CEEA) would help support the goal of better outreach for Canadian members. As the background states below, ASHRAE is already a member of the US-based Alliance to Save Energy, and this group has been effective at involving ASHRAE in U.S.-focused policy events and meetings with government officials. The CEEA would serve a similar role, and could further ASHRAE's advocacy and education work with the Canadian Government. Working in collaboration with an

organization aligned with ASHRAE's mission will provide more opportunities to interact with government officials, in a cost-effective manner. **(Complete)**

Update ASHRAE 2018 Chicago Conference: Members Council approved the following motion from the Grassroots Government Advocacy Committee, "That Society join the Canadian Energy Efficiency Alliance."

Background: With ASHRAE becoming more involved in the Government Advocacy role outside of the United States, the Society needs to join some of the Alliances in other countries similar to the ones that ASHRAE is currently involved with in the United States. As ASHRAE has no Canadian advocacy staff compliment, the Canadian Energy Efficiency Alliance (CEEA) could assist ASHRAE in providing a voice at the Federal level of the Canadian government. The CEEA is associated with the Alliance to Save Energy (ASE) of which ASHRAE is a member and this is a natural extension.

Montreal Chapter – Motion 31 (11/4/2017):

That 50 PAOE points are added for each chapter activity related to Women in ASHRAE (WIA), with a maximum of 100 points.

Answer: This will be included in the 2018-19 PAOE. **(Complete)**

London Chapter – Motion 4a (10/14/2016):

That Society automatically convert and credit ASHRAE Canadian Members' RP donations made online to Canadian dollars, or allow online donations to be made in Canadian dollars.

Answer: This motion was referred to the Development Committee, ASHRAE Comptroller and IT Staff for consideration. Because of financial impact, it is not feasible to reprogram the current system for credit card processing. The processor used cannot determine US funds vs. International funds when online contributions are made via credit card through ASHRAE Research Canada. ASHRAE does not have the software that determines any form of currency other than US (Canadian dollars are adjusted manually). Contributions received by check from Canada are processed as Canadian dollars. ASHRAE Canadian members receive credit in Canadian dollars when the currency amount is converted by the member at the time the online contribution is made. **(Complete)**

Montreal Chapter – Motion 11 (10/14/2016):

That 100 PAOE points be added for each chapter officer or board of governors member who is a woman, with a maximum of 300 points.

Answer: Members Council was not in favor of this motion. A similar motion from the spring 2016 CRCs failed at Members Council, (That Members Council recommend PAOE points for a chapter having a woman chair a chapter grassroots committee or sit on a chapter BOG.). The Region Operations Subcommittee Chair reported that the subcommittee believes that women are selected for the positions because they are qualified and not because they are women. **(Complete)**

Montreal Chapter – 2016 CRC Motion 4:

That the "YEA Members" Chapter Report be modified in order to have three separate columns on the Excel spreadsheet for "First name," "Last name," and "Prefix."

Answer: The YEA Staff is in agreement with the above motion and took an action item to update and implement this report. **(Complete)**

Ottawa Valley Chapter – 2016 CRC Motion 5:

That Society provide an additional title in the dropdown menu to assign committee members while completing the Chapter Information Questionnaire (CIQ) and 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.

Answer: Staff was assigned an action item to include chapter committee positions as committee members in the CIQ dropdown box. **(Complete)**

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.

Answer: This motion was referred to Publishing and Education Council (PEC) for consideration. PEC assigned an action time to the Fiscal Planning Subcommittee to review this motion. Based on the information below PEC was not in favor of this motion. **(Complete)**

With regard to the fiscal impact, the Subcommittee reviewed information showing the fiscal impact could range from \$200,000 to \$350,000. This would result from both loss of revenue and increased cost due to reduced Handbook print runs, as well as, a higher level of uncertainty concerning how many Handbooks need to be printed each year, increasing likelihood of unused inventory at end of life or even more expensive unit costs due to reprints. Other issues to consider include if value of the Handbook to the industry would be diminished with fewer Handbooks in circulation and it was not a reference shared by all members.

PEC Consideration Assumptions:

- Selection by members will be made with annual dues payment.

- Members choosing the alternative publication benefit will receive books immediately upon selection, not wait for Handbook publication.
- Existing fulfillment practices will be used for Alternative Publication processing.
- There will be a set selection of publications from which the alternative publication benefit selection can be made. Publications will be available hard copy only. The choices will be roughly equivalent in price to 50% of Handbook nonmember price. Example choices:
 - Standard 90.1
 - Load Calculation Manual
 - Geothermal Heat Pump Guide
 - Hospital Design Guide
 - Laboratory Design Guide
 - Cold Climate Design Guide
 - Understanding Psychrometrics

PEC Fiscal Impact Considerations:

- Handbook Unit Cost – Currently a range of 40,000 to 50,000 Handbooks are printed each year depending on volume. Unit cost is approximately \$10 per book. The unit cost would increase depending on the number of members choosing an alternative publication option. For example, if 10% of members choose an alternative, Handbook unit cost would increase by about \$7,500. If 25% chose an alternative, impact would be about \$43,750.
- Handbook Print Run – Estimating print needs is already complex with Handbook online, CD, SI and I-P selections. Adding more options would further cloud the ability to predict print run needs. This would result either in over-estimating needs so as to not have a small print run or having a small print run at unit costs that could equal \$35 per unit. This impact factor could range from \$50,000 to \$75,000.
- Handbook Advertising – Reduced Handbook circulation would decrease advertising by \$5,000 to \$10,000 due to the smaller advertising exposure that could be offered.
- Loss of Sales – Some percentage of those making an alternative publication selection would have otherwise purchased the selected publication. If 10% make a selection and half of them would have otherwise bought the publication, the loss of revenue could be \$175,000.
- Other Fiscal Impacts – There would also be costs for an increase in bulk shipping costs (due to smaller bulk shipments). This could be \$5,000 to \$7,000. There would also be additional programming costs.

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 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.

Update 02/09/2017: YEA supports the discount registration to members of the SmartStart program and takes it under advisement to develop a forum for mentoring opportunities both internal and external to this program. YEA has also taken under advisement to develop a forum for collaboration for cost sharing opportunities between members.

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 devices. The website Content Management System does allow for device responsive display but 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: Members Council was not in favor of this motion. 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)**

Halifax Chapter – Motion 6b (10/2/2014):

That Society offer a special reduced registration rate for Voting Members of Technical Committees attending Society Annual and Winter Meetings combining the One Day Registration with the Virtual Conference Registration at the current One Day Registration rate allowing the Member to attend what portions of the Conference they could, while giving them access to everything electronically. The proposed reduced rate would be implemented starting with the 2015 Annual Meeting in Atlanta, GA.

Answer: This motion was referred to the Conferences and Expositions Committee (CEC). CEC was not in support of this motion because the Virtual Conference is already included in a single-day registration fee. **(Complete)**

Halifax Chapter – Motion 6c (10/2/2014):

That Society offer a special registration rate for Regional and Society Officers attending Society Annual

and Winter Meetings combining the One Day Registration with the Virtual Conference Registration at the current One Day Registration rate allowing the Member to attend what portions of the Conference they could, while giving them access to everything electronically. The proposed reduced rate would be implemented starting with the 2015 Annual Meeting in Atlanta, GA.

Answer: This motion was referred to the Conferences and Expositions Committee (CEC). CEC was not in support of this motion because the Virtual Conference is already included in a single-day registration fee. **(Complete)**

Hamilton Chapter – Motion 10 (10/2/2014):

That Society create a section for each Annual and Winter Conference on recommended (not mandatory) dress code for various meeting settings/events appropriate for the specific locale, event setting, and season. Regions and Chapters can then follow Society's lead in establishing their own recommendations.

Answer: Members Council was not in favor of this motion. This information is already provided in the conference program and online. There isn't enough information in the chapter's background to understand what the issue is. **(Complete)**

Ottawa Valley Chapter – Motion 11 (10/2/2014):

That Research Promotion donations received after the fiscal year deadline (June 30) are assigned to the forthcoming RP campaign of the local chapter that obtained the donation.

Answer: Members Council was not in favor of this motion. If chapters send in money for checks that were written in the previous campaign but the chapter submits the money after the deadline, the donor will get credit for whichever year they want, but the chapter will not get credit for the upcoming year. This is to prevent chapters from "sandbagging" for the upcoming year. Standard accounting practices do not permit money received late to be put into the RP Campaign. **(Complete)**

Quebec Chapter – Motion 12 (10/2/2014):

That society provides a lower basic membership fee with add-ons for the handbook in paper format, for the handbook in CD format or for the handbook available on-line.

Answer: Members Council was not in favor of this motion. This has been reviewed extensively by Publishing and Education Council. It was determined that the cost of producing the CD is just as expensive as the paper version. The cost is in writing and producing the information, not reproducing it. **(Complete)**

Hamilton Chapter – Motion 19a (10/2/2014):

That Society to create a student LinkedIn page to provide a platform for students to interact with ASHRAE.

Answer: This motion was referred to the Student Activities Committee (SAC). SAC was not in support of this motion. The committee agreed that a Society level student activities LinkedIn site is not a good idea at this time. Furthermore, the consensus was that if Society decides it is appropriate to create an official LinkedIn site, then students should be included with the general membership and not relegated to a separate student's only site. Discussion threads could then be created within the main ASHRAE site that are geared more toward students. Also, students should be able to network with professionals. **(Complete)**

Ottawa Valley Chapter – Motion 19b (10/2/2014):

That current requirement of funding chapter scholarships within 3 years be changed to up to 10 years.

Answer: This motion was referred to the Foundation Trustees. The Foundation Trustees approved the following motion: That the Foundation Board of Trustees change the term for chapters to fund a scholarship from three years to five years. **(Complete)**

Halifax Chapter – Motion 20 (10/2/2014):

That the Society “Transportation Reimbursement Policy for Chapters” (Appendix 2B), be revised to include the YEA Chapter Chairs (YCC) transportation to their Chapter Regional Conference (CRC).

Answer: Members Council was not in favor of this motion. Chapter chairs reimbursed transportation to CRC are grassroots positions and the YEA chair is not a grassroots position. An ad hoc committee on Members Council was assigned an action item to review and address the status of the YEA Committee. **(Complete)**

Update: The Young Engineers in ASHRAE (YEA) was approved as a grassroots committee July 2018.

Halifax Chapter – Motion 17 (01/27/2015):

That Society provides points related to YEA experience equivalent to that of grassroots committees. The proposed change would be made available retroactively for members that had past YEA experience.

Answer: This motion was approved. The Regional Award of Merit and the Chapter Service Award tally forms were revised to include YEA. **(Complete)**

Halifax Chapter – Motion 21 (01/27/2015):

That Society provides a summary chapter membership report that lists the number of chapter members by member grade.

Answer: This motion was approved. A chapter aggregate report is available in the chapter reports section of the website as indicated in Motion 21 and that a video was created to assist members with shortcuts and tips in Excel. **(Complete)**

Halifax Chapter – Motion 22 (01/27/2015):

That Society provides a YEA Regional membership summary report that lists the number of YEA members by chapter.

Answer: This motion was approved. The summary report as indicated in Motion 22 is available in the chapter reports section of the website. **(Complete)**

Hamilton Chapter – Motion 1.1 (10/5/2013):

That Society allows Region II CRC meeting dates to be moved to early September 2015.

Answer: This motion was approved and the CRC schedule has been changed to reflect the September 2015 date. **(Complete)**

Hamilton Chapter – Motion 1.2 (10/5/2013):

That Society add the column “Chapter paid date” taken from the “paid to Society” Excel sheet onto the “Chapter Master List” Excel sheet.

Answer: ASHRAE Staff supports this motion and believes that adding the requested column to the Chapter Master List would streamline the workload of the MP Chairs. This request has been implemented. **(Complete)**

Hamilton Chapter – Motion 1.3 (10/5/2013):

That Society allow Region II the option to use the digit 2 in correspondence to eliminate the confusion with Region Eleven.

Answer: Members Council was not in favor of this motion. However, there is no reason to prohibit the Hamilton Chapter or any other chapter in Region II from using the numeral “2” in its internal communications. **(Complete)**

Ottawa Valley Chapter – Motion 2.1 (10/5/13):

That during the Nomination Process, names of members proposed for positions during the previous CRC be made available to caucus.

Answer: This motion was referred to the Society Nominating Committee for consideration. **See Attachment M2.1-012016** for response to the motion. **(Complete)**

Toronto Chapter – Motion 3.1 (10/5/2013):

That Society rename and rebrand the Presidential Theme as the “Society Theme for XXXX year” rather than keeping the Presidential Theme as name.

Answer: This motion was referred to the Society Board of Directors (BOD) for consideration, the BOD did not approve this motion.

While the BOD and the President-elect appreciate the intent of the motion in that it suggests that the annual theme represents Society as a whole, the theme truly belongs to the President for that Society Year, who develops it with feedback and insight from a wide variety of constituencies. Calling it the “Society Theme” might be interpreted to imply that each year Society “changes course” with the installation of a new President. In fact, the annual theme provides guidance for implementation within the scope of Society’s strategic plan. **(Complete)**

Toronto Chapter – Postponed Motion 4.1 (10/5/2013) / Motion 26 (01/27/2015):

That Society create rules and procedures for guidance to the chapters on how to facilitate and implement the social media platforms.

Answer: This motion was referred to Publishing and Education Council (PEC) via the Electronic Communications Committee (ECC) for consideration. An action item was assigned to the Members Council Manual Subcommittee to review the social media policy developed by ECC. The Social Media Acceptable Use Policy guidelines are now included in the MCO (see Appendix 5I) and reside on the ASHRAE website in the MCO section. **(Complete)**

Toronto Chapter – Motion 5.1 (10/5/2013):

That Society allow Toronto to hold the annual summer meeting in Toronto for the year 2022.

Answer: This motion was referred to the Conferences and Expositions Committee for consideration. The Conferences and Expositions Committee (CEC) was unanimous in their support of this request, pending the procedural fiscal due diligence. **(Complete)**

Hamilton Chapter – Motion 19 (10/5/2013):

That Society modify the CRC Historical Profile Form to reflect entries showing the total budgeted cost vs. the actual cost for conducting a CRC.

Answer: This motion was approved. **(Complete)**

Ottawa Valley Chapter – Motion 20 (10/5/2013):

That the awards banner style be changed to the same size and material except for color as the original banner.

Answer: This motion was approved. **(Complete)**

London Chapter – Motion 24 (10/5/2013):

That Society create and maintain an email list service from the membership database to allow the chapter president, president elect, secretary, and newsletter editor to send chapter notices and newsletters (pdf attachments) to their respective Chapter Membership be referred to staff to determine if this can be done.

Answer: This motion was referred to the Electronic Communications Committee. **See Attachment M24-052014** for response to the motion. **(Complete)**

Toronto Chapter – Motion 33 (10/5/2013):

That Society pay transportation expenses for the Membership Promotion Chairs to attend their local CRC beginning Society year 2014-2015.

Answer: This motion was referred to the Membership Promotion Committee. The Membership Promotion Committee was not in support of this motion. The value of Centralized Training has shown documented results. MP put forth Centralized Training as the content needed more time than is allowable at a CRC as well as the focus and interaction with peers is so valuable that very positive responses has been provided by Membership Promotion Chairs. Society pays for this training, yet MP Chairs are still not 100% participating in many regions, therefore there is doubt that paying for them to attend CRC will make a difference in participation at CRCs. Generally, the Centralized Training is an encompassing process to fully engage the Chair in the available resources and the CRC can then be used for "feet on the ground" action items and executing MBOs in the limited time available which can be as little as one to three hours. **(Complete)**

Toronto Chapter – Motion 34 (10/5/2013):

That Society pay transportation expenses for the Research Promotion Chairs to attend their local CRC beginning Society year 2014-2015.

Answer: Members Council was not in favor of this motion. For similar reasons as stated in Motion 33 above. Research Promotion is critical to our Society and the value of Centralized Training has been demonstrated to be successful. The time available and focus at a CRC is limited and Society should support the more successful delivery of the resources for the benefit of all our members. There is doubt that paying for RP Chairs to attend CRC will make a difference in participation at CRCs. A good practice some Chapters and Regions are engaging is helping in the costs as the value justifies the expense. **(Complete)**

London Chapter – Motion 3.1 (10/19/2012):

That Society modify the membership database, web site reports to allow member profile information to have additional suffix types including profession designations.

Answer: This motion was approved and referred to the ASHRAE IT staff for implementation. **(Complete)**

London Chapter – Motion 3.2 (10/19/2012):

That Society modify membership database, web site reports to allow member profile information to have common name to be use in place of full name.

Answer: This motion was approved and referred to the ASHRAE IT staff for implementation. **(Complete)**

London Chapter – Motion 4.1 (10/19/2012):

That Society make additional efforts to digitize and make available on the Society web site the older issues of Transactions, Insights and Journals publications.

Answer: This motion was approved and referred to the Publishing and Education Council (PEC). The Historical Committee is aware of the issue and PEC has charged staff to move ahead on the matter as expeditiously. The Historical Committee has directed the focus to be on Transaction papers since their content has the greatest historical significance. **(Complete)**

Hamilton Chapter – Motion 16 (10/19/2012):

That Society included in the CRC Delegate and Alternate package up-to-date bios of the current retiring Board and ExCom members.

Answer: This motion was withdrawn. Weeks out from the regions' CRCs, the staff liaison for the Nominating Committee provides temporary access to the member bios for delegates and alternates. **(Complete)**

Toronto Chapter – Motion 17 (10/19/2012):

That Society pay transportation reimbursement for the Membership Promotion Chairs to attend their local CRC events beginning Society 2013-2014.

Answer: The Membership Promotion Committee was not in support of this motion. **(Complete)**

Toronto Chapter – Motion 17 (10/19/2012):

That Society pay transportation reimbursement for the Research Promotion Chairs to attend their local CRC beginning Society year 2013-2014.

Answer: This motion was withdrawn. The Research Promotion Committee provides a \$100 incentive for partial transportation reimbursement to members who request it when attending both their CRC and centralized training. **(Complete)**

Montreal Chapter – Motion 5B (11/5/2011):

That Society remove the ADTBAT Section as sponsored by the Montreal Sub Chapter.

Answer: This motion as amended was approved. **(Complete)**

Ottawa Valley Chapter – Motion 22 (11/5/2011):

That Region II be exempt from attending mandatory centralized training for membership chairs in 2012 and continue to provide MP workshop at the Region II CRC level.

Answer: Members Council was not in favor of this motion. It will set a precedent and prompt a flood of motions from other regions to be exempt from the training and centralized training should not be an option. **(Complete)**

Hamilton Chapter – Motion 26 (11/5/2011):

That ASHRAE establish a Standard Method for Testing the Mist Removal Efficiency and Air Flow Resistance of Oil Mist Collectors.

Answer: This motion was referred back to the Hamilton Chapter which included the website link to submit a request for a new Standard to be developed. **(Complete)**

London Chapter – 2011 CRC Motion 4:

That Society to provide Chapter Officers & Committee Chairs with instructions on how to determine PAOE points from Chapter reports available through Society.

Answer: This motion was referred to the Society President Elect for consideration. **(Complete)**

London Chapter – Motion 8 (10/24/2010):

That ASHRAE allow on-line web access to handbooks to full ASHRAE members in good standing through their ASHRAE membership fees at no extra charge.

Answer: Members Council was not in favor of this motion. There was concern of significant fiscal impact on Society. **(Complete)**

Ottawa Valley Chapter – Motion 9 (10/24/2010):

That Society change the date format on the Chapter Master List report from month/day/year to year/month/day.

Answer: Members Council was not in favor of this motion. Not all chapters will want this change on their reports; an action item was assigned to staff to provide instructions for the chapters' use. **(Complete)**

Hamilton Chapter – Motion 10 (10/24/2010):

That the Society Honors and Awards Committee expand Category E "General Activities" criteria for the Distinguished Service Award and the associated Exceptional Service Award to include points for those ASHRAE Life Members serving on the Executive Board of the ASHRAE Life Members Club [LMC] with 1 point for a year's service as the Chair, 1 point per years' service as Secretary; ½ point per year as Vice-Chair; ½ point per year as Treasurer and ¼ point for each the of the other directors.

Answer: This motion was withdrawn. The H&A Committee recommended that points not be given for service on the Executive Board of the Life Members Club (LMC). The LMC Executive Board is not a recognized standing ASHRAE committee and its level of activity is not comparable with that of groups permitted service points on the ESA/DSA Point Tally Form. **(Complete)**

Hamilton Chapter – Motion 11 (10/24/2010):

That the Society Honors and Awards Committee expand Category E "General Activities" criteria for the Distinguished Service Award and the associated Exceptional Service Award to include points for those ASHRAE members serving on the Executive of ASHRAE Research Canada [ARC] with 1 point for a year's service as the President, ½ point for a year's service as Secretary; and ¼ point for each of the other three Class "A" Directors.

Answer: This motion was withdrawn. The H&A Committee recommended that points not be given for ASHRAE Research Canada (ARC). The ARC's workload is not comparable to existing recognized groups permitted service points on the ESA/DSA Point Tally Form. **(Complete)**

Ottawa Valley Chapter – Motion 26 (02/01/2011):

That the Society President-Elect update PAOE criteria and point values for History to encourage efforts focused on ensuring preservation and accessibility of chapter historical data.

Answer: This motion was approved. **(Complete)**

Ottawa Valley Chapter – Motion 2 (10/24/2010):

That Society dissolve the chapter section; Kingston, Ontario, Canada sponsored by the Ottawa Valley Chapter.

Answer: This motion was approved. **(Complete)**

Montreal Chapter – 2009 CRC Motion 1:

That Society Headquarters correct error in the Run Chapter Master List for members who have non matching Print Grade and Member Type information.

Answer: An action item was assigned to staff to correct the error in the Run Chapter Master List for members who have non matching Print Grade and Member Type information. **(Complete)**

Montreal Chapter – Motion 7 (10/25/2009):

That the Program on the CIQ website have more than one scroll menu for functions by members.

Answer: Members Council was not in favor of this motion. The ASHRAE current computer system cannot do this. Each chapter position creates a single record and the computer system is not programmed to select multiple positions or create multiple records simultaneously. **(Complete)**

Toronto Chapter – Motion 8 (10/25/2009):

That to assist in development of society leadership, \$5.00 of each Society membership dues be sent to each region based on their total assigned society dues paying members. This Leadership Fund is to be used as is appropriate for each region to develop society leadership candidates.

Answer: Members Council was not in favor of this motion. This is a regional issue and should be funded by the regional dues assessment; also no plan was provided on how the money would be used. **(Complete)**

Montreal Chapter – Motion 9 (10/25/2009):

That ASHRAE allow chapter staff appointed by the chapter president (for example a secretary) to get a user name and a password for the website without being an ASHRAE member.

Answer: Members Council was not in favor of this motion. The ASHRAE computer system is hardcoded to allow only authorized position-based ASHRAE members to access the database. The fiscal impact would be substantial and we need to safeguard the privacy of member data. The CIQ was modified to include Chapter Administrator as an additional position that is allowed access to the chapter member database, and chapters with paid staff can have the staff person join ASHRAE and be assigned that administrator position. **(Complete)**

London Chapter – Motion 27 (10/25/2009):

That Society consider a reduced registration fee of \$100.00 for all first time attendees to a Society Annual or Winter Meeting.

Answer: Members Council was not in favor of this motion; this is already in place. ASHRAE sends a free pass flyer coupon to all chapter presidents each year for both the Society Annual and Winter Conferences. This coupon is for first-time meeting attendees and they have a choice of using this coupon as a one-day complimentary (no charge) registration or use toward a \$245 discount on the entire meeting registration. **(Complete)**

Ottawa Valley Chapter – Motion 28 (10/25/2009):

That ASHRAE Research resolve the issue of donations made via credit card online to be in local funds not only American funds.

Answer: This motion was withdrawn. **(Complete)**

Hamilton Chapter – Motion 29 (10/25/2009):

That ASHRAE develop a standard or guideline to define and communicate intent of interoperability of technology systems in an open communications (e.g.: IP, BACnet) environment.

Answer: This motion was referred back to Region II, Hamilton Chapter for more information. To date, no other information was received. **(Complete)**

Toronto Chapter – Motion 3 (10/25/2008):

That the “Gold Ribbon Award” requirements be changed and submitted from every year to every five (5) years for review.

Answer: Members Council was not in favor of this motion. This should be updated each year; it is not just chapters updating chapter information. It also affects publishing history of people and companies in the

industry.

Update: The Historical Committee approved the following: A Gold Ribbon is awarded for brand new chapter histories (not updates) or after three updates of the previously submitted chapter history. This new criteria begins with the 2011–12 Society year. **(Complete)**

Toronto Chapter – Motion 4 (10/25/2008):

That the chapter ~~and regional~~ treasurer be given the same level of access to the online chapter database as the chapter membership promotion chair.

Answer: This motion as amended was approved. **(Complete)**

Quebec City Chapter – Motion 15 (10/25/2008):

That ASHRAE fix the renewal date of the membership to June 30th of each year.

Answer: Members Council was not in favor of this motion. This would be cost prohibitive and the ASHRAE current computer system is unable to do this. **(Complete)**

Toronto Chapter – Motion 16 (10/25/2008):

That Society expands the corporate sponsorship at the annual and winter meetings to include support of TCs.

Answer: Members Council was not in favor of this motion. The Society solicits sponsorships that subsidize other meeting costs and it benefits all attendees, even the TCs; in addition it would be difficult to sponsor 200+ committees and subcommittees. **(Complete)**

Hamilton Chapter – 2008 CRC Motion 2:

That ASHRAE add under the Honors and Awards section of the ASHRAE website, details about the chapter PAOE awards and the PAOE history and purpose.

Answer: Members Council agreed to post this information on the PAOE website. **(Complete)**

London Chapter – 2008 CRC Motion 5:

That the Society President Elect review the PAOE point system categories in order to add descriptions and indicate if PAOE points should be claimed as limited or unlimited, and for categories with limited point amounts, have the website checked to ensure that entries are not above the limited maximum amount.

Answer: The PAOE system is programmed not to accept an amount over the number of points that can be earned for specific line items. **(Complete)**

Quebec City Chapter – 2008 CRC Motion 4:

That Society implement (conduct) the ASHRAE research workshop at a CRC for all regions instead at a central location (like Region II does).

Answer: This motion was withdrawn. **(Complete)**

Montreal Chapter – Motion 3 (09/21/2007):

That Society reimburse Chapter Technology Transfer Committee Chairs for transportation expenses related to attendance at Chapters Regional Conferences (CRCs).

Answer: This motion was approved. This same motion was submitted by several regions during their 2007 Fall CRC. Because of this, Members Council considered one motion from Region IV which asked that both the CTTC and SAC chairs be reimbursed. **(Complete)**

Quebec Chapter – Motion 4 (09/21/2007):

That ASHRAE accelerate the process of updating the membership list. This list must be exact by the end of the next following month after a member has paid his membership.

Answer: This motion was approved. **(Complete)**

Ottawa Valley Chapter – Motion 5 (09/21/2007):

That a year-to-date column be added to the Chapter Change Summary report issued monthly.

Answer: This motion was approved. **(Complete)**

Quebec Chapter – Motion 6 (09/21/2007):

That the staff be instructed to send the recognition items for all major donors (\$500+) directly to the chapter instead of directly to the donor. All other recognition items will be sent directly to the donor (<\$500).

Answer: This motion was approved. **(Complete)**

Toronto Chapter – Motion 7 (09/21/2007):

That Canadian members must enter the chapter that they want to be assigned to when applying or renewing membership and that Society does not automatically make an assignment.

Answer: This motion was approved. **(Complete)**

London Chapter – Motion 24 (09/21/2007):

That Society streamline the process to ensure student membership cards are mailed to students within 60 days of Society receiving their membership applications.

Answer: This motion was approved. **(Complete)**

Toronto Chapter – Motion 25 (09/21/2007):

That Society reinstate giving Canadian members the choice of being able to pay their membership renewal dues in Canadian funds or US funds.

Answer: This motion was approved. **(Complete)**

TO: Vickie Grant, Manager of Region Activities

FROM: Joslyn Ratcliff, ECC Staff Liaison

DATE: May 7, 2014

SUBJECT: Referred Motion from Members Council – Response from ECC

ECC Response:

The motion is overall requesting a change of responsibility of maintaining Chapter membership mailing lists (including email lists) from the Chapter to Society. While that change can be accomplished technically, it will carry a significant fiscal impact, as well as staff resources - both of which will be ongoing and continuous into the future. This is a change that must be made by Members Council, as it will require a change to the MCO (Manual for Chapter Operations).

Therefore, ECC recommends returning the motion back to Members Council.

This motion does not fall under ECC's "jurisdiction", as the motion is requesting that Society be made responsible for maintaining chapter membership email lists (including an email list service), where that responsibility currently lies with the Chapter (ref. MCO - Section 1, Para 1.4.F and Section 8, Para 8.2.B). The membership lists referenced in the MCO Sections includes member email addresses.

If this change was to be made, and Society be required to maintain Chapter email lists, including email list services, the true cost (both initial set-up and ongoing maintenance), would be both significantly greater than the \$500.00 originally stated in the motion's fiscal impact, as well as require significant staff time to both set up and maintain Chapter email list services for the 170+ ASHRAE Chapters.

Currently, Society maintains Society membership data that includes email addresses of members, but that data is NOT customized for each Chapter's individual needs.

Email addresses of chapter members are currently provided for download by relevant chapter officers in the form of an Excel spreadsheet.

Thus the chapter dues paying member list is consequently always available to the Chapter.

ASHRAE Staff Response:

Since member data is already provided from the ASHRAE Chapter website, each chapter officer should have a quick, easy, and correct way to pull the latest data for their communications. The chapter officers that have access can pull this data at any time and from there each chapter can choose how to communicate with its members. ASHRAE Members staff feels this would be the most straightforward way to proceed with what's been requested in Motion 21.

If this data were to be taken or synced into a separate, second location at the Society level or elsewhere, it could lead to inconsistencies in the data. One reason is because there is currently no way for opt-outs to be placed back into ASHRAE's membership database. Furthermore there would still be significant training time involved and cost for not only the initial programming and setup but also the additional block of e-mails to be sent multiplied by a potential 170+ chapters. In addition, not all, chapters choose to send communication to only dues-paying members instead of all chapter assigned members, which

clouds the definition of what would be pulled in to such a list management service. This could lead to incorrect lists from the perspectives of the chapters and intense staff support would be needed.

The StarChapter hosting service, available as an option for ASHRAE chapters at a discounted rate (this is not an official Society product or service), offers various communication options that could potentially fill the need for the "service" part of the request stated in the motion. It's one of the many paid options that exist as optional for chapter websites as an alternative to the free ASHRAE hosting provided by my group. Although ASHRAE doesn't have affiliation with StarChapter, there is a link on the ASHRAE.org website.

To preserve data integrity and the opt-out wishes of ASHRAE members it seems that it would be best to continue to use the chapter data already provided to chapter officials from the ASHRAE website. If that system is not understood, training could be provided. If further communication tools are needed chapters could look into the functionality provided via the StarChapter hosting service.

Region II (London Chapter) – Motion 21:

That Society create and maintain an email list service from the membership database to allow the chapter president, president elect, secretary, and newsletter editor to send chapter notices and newsletters (pdf attachments) to their respective Chapter Membership.

Background: Chapters now maintain their own email lists of chapter members. This list needs to be kept up to date with additions, deletions and changes of chapter members. By having the email list maintained by Society from the master membership database, a member does not need to update email address changes in 2 locations (1-with the Society; 2-with the Chapter). Society currently maintains an email list server for ASHRAE Learning Institute, ASHRAE Standards Action, Bookstore, CIS, Government Affairs, Members First, Project Committees, and Research Project Bidders. This feature to be extended to Chapters.

Fiscal Impact: \$500.00 (estimate for adjustments to the society database and add to current list server software)

Background:

APPENDIX – C

CHAPTER REPORTS

Region 2 Statistics Table

Region 2 PAOE Final Points

#100 - Halifax Chapter

#117 - NB/PEI Chapter

#013 - La Ville De Quebec Chapter

#014 - Montreal Chapter

#015 - Ottawa Valley Chapter

#017 - Toronto Chapter

#037 - Hamilton Chapter

#116 - London Canada

#141 - Windsor Chapter

ASHRAE Region 2 Chapter Statistics	#100 - Halifax						#117 - NB/PEI					
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Membership Promotion (as of June 1)												
# of Society Area Assigned Members	178	182	181	181	185	185	167	185	155	155	177	150
# of Chapter Dues Paying Members	110	130	116	115	116	168	167	185	155	155	177	148
# of New Members	22	23	26	16	28	23	16	9	11	16	22	8
# of Delinquents	3	10	14	10	22	21	11	5	16	24	20	22
Student Activities												
# of New Students	19	29	21	3	11	8	11	25	9	19	25	3
# of Student Branches	1	1	1	1	0	1	2	2	2	2	2	2
Advisors that are Members	1	1	1	1	0	0	2	2	2	2	2	2
CTTC												
# of Regular Meetings	8	8	8	8	6	10	7	9	5	8	6	10
Average Attendance	25	25	28	29	29	22	15	20	30	20	24	16
# of Other Tech. Events	1	1	1	2	1	0	2	0	4	2	3	0
# of Distinguished Lecturer used	1	1	1	1	1	9	2	2	2	1	1	5
# of Social Events	3	3	3	3	2	1	3	2	4	4	3	1
# of Refrigeration events	0	0	1	2	1	0	2	1	2	2	1	0
# of Chapter Technology Awards (Chapter, Region, Society)	0	0	0	0	1	0	0	0,0,1 submitted	0	0	0	0
Finances												
Total Funds Balance (as of July 1)	\$34,000.00	\$25,475.01	\$26,585.32	\$44,228.39	\$52,495.69	\$63,980.00	\$4,536.35	\$43,663.79	\$11,610.00	\$58,920.81	\$20,128.00	\$20,631.86
Chapter Dues/Per Member	\$65.00	\$65.00	\$65.00	\$65.00	75 (tax in)	75 (tax in)	n/a	n/a	n/a	n/a	n/a	n/a
Members Cost of Meals	\$30.00	\$30.00	\$30.00	\$35.00	\$35.00	n/a	\$25.00	\$20.00	\$30.00	\$20.00	\$20.00	n/a
Non Member Cost of Meals	\$40.00	\$40.00	\$40.00	\$45.00	\$45.00	n/a	\$35.00	\$30.00	\$30.00	\$30.00	\$30.00	n/a
Date of Last Chapter Audit	2015-09-01	2016-09-01	2017-10-24	2018-09-28	2020-07-01	2021-06-14	2016-06-12	Ongoing	Ongoing	2019-08-16	2019-08-16	2019-07-03

#013 - La Ville de Québec						#014 - Montreal					
2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
184	172	171	169	166	158	564	556	551	561	540	534
107	117	112	107	102	109	364	333	338	356	316	310
17	16	14	19	21	19	55	61	56	54	54	52
8	7	9	14	0	13	80	76	65	31	78	31
52	62	58	44	45	37	152	150	134	72	93	85
3	4	4	4	4	4 (-1)	7	7	8	8	8	8
3	4	4	4	4	3	8	8	8	8	8	9
7	7	7	7	7 -1 cancel	7	8	8	8	8	6	8
82	86	65	75	81	62	179	156	150	136	132	89
3	4	3	3	2 - 1 cancel	1	9	16	7	14	3	6
1	0	1	0	0	1	2	2	2	2	1	2
3	2	3	3	2	0	6	9	8	8	5	6
1	2	1	1	1	0	2	2	2	2	1	2
0,0,0	2	2	0,0,0	0	0	8,8, to come	3 won/ 6	4,3,2	(5,5,4)	2	(6/6/to come)?
\$66,168.72	\$15,027.00	\$25,011.71	\$56,176.73	49 240.89	\$63,313.67	\$72,919.00	\$56,335.00	\$85,919.00	\$81,778.00	\$91,105.00	\$94,930.00
\$50.00	\$50.00	\$60.00	\$60.00	\$60.00	\$60.00	\$69.58	\$73.93	\$73.93	\$73.93	\$89.00	\$79.15
\$45.99	\$45.99	\$45.99	\$45.99	\$45.99	NA	\$52.18	\$53.92	\$60.89	\$78.28	\$79.15	89.58 (virtual\$
\$63.24	\$63.24	\$63.24	\$63.24	\$63.24	NA	\$73.93	\$75.67	\$86.99	\$113.07	\$117.42	120.59 (virtual
2016-06-01	2016-06-01	2014-05-13	2018-10-26	2019-12-13	2019-12-13	2015-12-01	2016-12-01	2018-06-01	to come	2019-12-06	2020-12-01

#015 - Ottawa Valley						#016 - Toronto					
2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
403	406	460	427	411	394	1133	1109	1109	1109	1079	888
236	237	288	326	242	218	505	549	467	463	348	249
32	43	45	44	38	35	113	102	106	6	138	129
28	28	31	44	41	40	124	111	134	107	108	198
34	26	24	29	31	31	166	101	108	15	126	60
2	2 (+2)	3 (+1)	4	4	4	7	7	7	8	8	8
2	2	Yes	4	4	4	1	Yes	Yes	4	4	4
8	8	8	8	6	8	7	7	7	8	9	9
65	63	61	67	66	39	100	107	112	85	95 / 247	168
6	6	3	2	6	6	5	7	7	4	4	8
1	3	4 (3+1)	2	2	6	2	2	2		1	
8	9	ovc chapter	4	6	2	5	6	4	8	3	0
0	2	0	1	0	0	0	1	1	1	1	1
6	3	3	2	2	0	1	0	1	1	1	0
\$31,616.00	\$ 41,538.72	\$25,085.65	\$77,201.59	\$54,204.41	\$65,288.76	\$95,000.00	\$81,802.00	\$81,331.27	\$83,481.00	\$91,200.43	
\$60.00	\$60.00	\$70.00	\$70.00	\$70.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00
\$45.00	\$45.00	\$48.00	\$48.00	\$48.00	\$48.00	\$55-\$65	\$55-\$65	\$60-\$75	\$60-\$85	\$60-\$85	\$0.00
\$65.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65.00	\$65-\$75	\$65-\$75	\$65-\$85	\$75-\$95	\$75-\$95	5-10
26/05/2015		Feb-18	Apr-19	Apr-19 for 17-18	mid Dec 2020	2016-07-01	2017-08-12	2017-08-12	2015-08-08	2017-08-12	2017-08-12

#037- Hamilton						#116 - London Canada					
2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
286	257	257	270	278	221	128	128	128	126	188	139
127	127	157	149	153	169	82	84	88	95	86	91
21	10	11	11	25	16	0	2	5	9	8	11
29	8	9	15	9	18	0	0	0	11	11	7
21	11	27	32	30	6	27	21	35	41	112	12
1	1	1	2	2	3	1	1	1	1	1	1
1	1	1	2	2	3	1	1	1	1	1	1
8	8	10	8	9	8	8	8	8	8	7	8
35	36	62	35	47	46	45	45	45	45	40	50
0	1	1	1	1	None	1	1	1	1	1	1
1	0	2	4	5	6	2	2	2	2	2	6
2	4	2	3	2	2	3	3	3	3	2	1
1	0	1	0	1	0	0	1	1	1	1	1
0	0	0	1	0	0	0	0	0	0	0	0
\$23,132.21	\$29,828.00	\$31,870.96	\$62,989.61	\$ 43,046.17	\$56,429.69	\$20,401.78	\$14,627.49	\$21,728.00	\$21,520.00	\$17,364.00	\$16,276.00
\$85.00	\$85.00	\$85.00	\$85.00	\$85.00	\$85.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
\$45.00	\$45.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$60.00	\$60.00	N/A
\$50.00	\$50.00	\$60.00	\$70.00	\$70.00	\$70.00	\$60.00	\$60.00	\$60.00	\$75.00	\$75.00	N/A
2015-07-06	2016-11-01	2018-08-17	2018-08-17	2020-06-23	2021-06-21	2016-07-06	2017-08-16	2017-08-16	2017-08-16	2019-07-01	2018-07-01

REGION II

2020-2021 Presidential Award of Excellence

*Minimum and PAR points indicated are for 2020-2021

Chapter	Chapter name	AAM AREA Assigned Members	Membership Promotion Minimum 500 PAR 800	Student Activities Minimum 500 PAR 800	RP Minimum 800 PAR 1050	Historical Minimum 100 PAR 300	Communications Minimum 300 PAR 700	Chapter Operations Minimum 600 PAR 1200	Chapter Technology Transfer Minimum 550 PAR 1050	Government Affairs Minimum 500 PAR 650	Young Engineers in ASHRAE Minimum 300 PAR 800	PAOE Point Totals	RANK
141	WINDSOR	63	1070	820	6266	350	850	1595	1145	1500	975	14571	3
117	NB/PEI	150	575	200	291	400	830	170	1050	350	825	4691	9
116	LONDON (CANADA)	127	925	1150	1217	400	995	1580	2900	700	1050	10917	7
100	HALIFAX	193	885	340	3030	150	1550	1930	2600	350	1075	11910	5
37	HAMILTON	281	1295	960	745	400	1360	2815	3000	850	1250	12675	4
16	TORONTO	1079	1870	2950	1115	875	1765	2405	4650	1850	3275	20755	2
15	OTTAWA VALLEY	411	1050	1250	945	900	1100	1315	2300	900	975	10735	8
14	MONTREAL	534	1350	3440	2645	1375	1055	2500	7350	1950	1375	23040	1
13	QUEBEC	163	950	1147	1455	425	830	1415	3200	700	875	10997	6
		3001											

ASHRAE


Halifax Chapter

Chapter# 100

Activity Report

Year 2020-2021

2020-2021 Chapter President : Marc Rossignol
2021-2022 Chapter President: Daniel Bourque

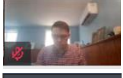
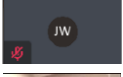

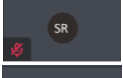




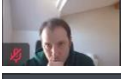
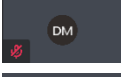
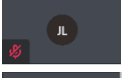
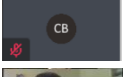


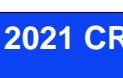



REGION II - 2021 CRC

Halifax CHAPTER REPORT

1

List of Chapter BOG & Officers for the past year: 2020-2021

<ol style="list-style-type: none"> 1. Marc Rossignol - President 2. Daniel Bourque – President Elect 3. Jarid Wilson – Vice-President 4. Daniel Morris - Treasurer 5. Ken Mathekal - Secretary 6. Jason Leadbetter - BOG 7. Steve Ramsey - BOG 8. Conan Baker - BOG 9. Daniel Egilsson - BOG 10. Aaron Smith - BOG 11. Darrell Amirault - BOG 12. Troy Driesbeck - BOG 	<div style="display: flex; flex-direction: row;"> <div style="flex: 1;">         </div> <div style="flex: 1;">        </div> </div>
--	--



REGION II - 2021 CRC

Halifax CHAPTER REPORT

2

Other Technical or Special Events (beside chapter meetings)

1. YEA Trivia Night
2. Region II Virtual Career Fair
3. Sept Golf (instead of June)
4. BEQ Audit
5. Virtual Day on the Hill
6. Technology Award



REGION II - 2021 CRC
Halifax CHAPTER REPORT

3

YEA/SA Activities

1. Virtual Trivia Night
2. Region 2 Virtual Career Fair
3. BEQ Audit assisted by student chapter
4. Increased chapter scholarships (total of \$2500 disbursed)



REGION II - 2021 CRC
Halifax CHAPTER REPORT

4

Social Events

1. Golf
2. YEA Virtual Trivia
3. We actually got in a Hybrid event in Nov where people met in real life!



REGION II - 2021 CRC
Halifax CHAPTER REPORT

5

Research Promotion/Fundraising

Chapter Goal \$14,350

Total Dollars Raised \$14,405

Number of Chapter Dues Paying Members = 168
Dollars Raised

per Chapter Dues Paying Member = \$86

Number of Chapter Assigned Members = 193
by Society



REGION II - 2021 CRC
Halifax CHAPTER REPORT

6

Chapter Finances

Chapter Bank Balance = \$63,980 as of July 1/2021

Chapter Bank Balance = \$52,496 as of July 1/2020

Date of Last Financial Audit = 2021/06/14



**REGION II - 2021 CRC
Halifax CHAPTER REPORT**

7

New things implemented during the PAST year:

1. Virtual everything (except golf)
2. Mastered the virtual DL presentation



**REGION II - 2021 CRC
Halifax CHAPTER REPORT**

8

Challenges:

1. Covid restrictions in Atlantic Canada
2. Board Member Attendance at BOG meetings
3. Networking and socializing benefits of ASHRAE near-zero
4. Our treasurer got bored due to low volume of invoices and cheques.



REGION II - 2021 CRC
Halifax CHAPTER REPORT

9

Things the Chapter is most proud of:

1. 9 DL visits this year!
2. Technology Award
3. Engagement did not fall off a cliff



REGION II - 2021 CRC
Halifax CHAPTER REPORT

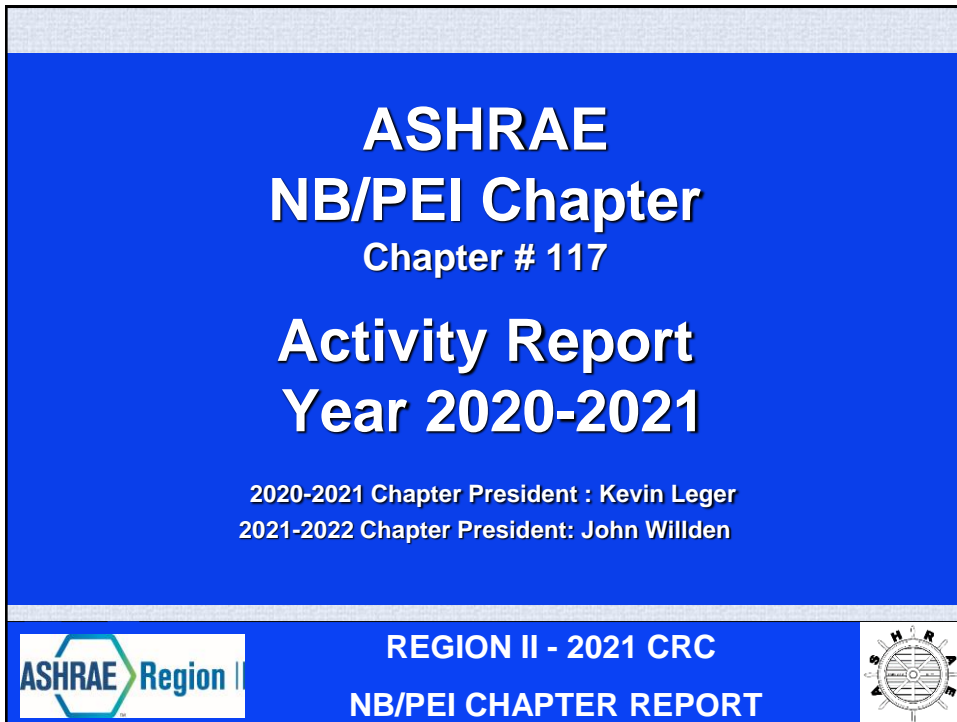
10

What about next year 2021-2022?

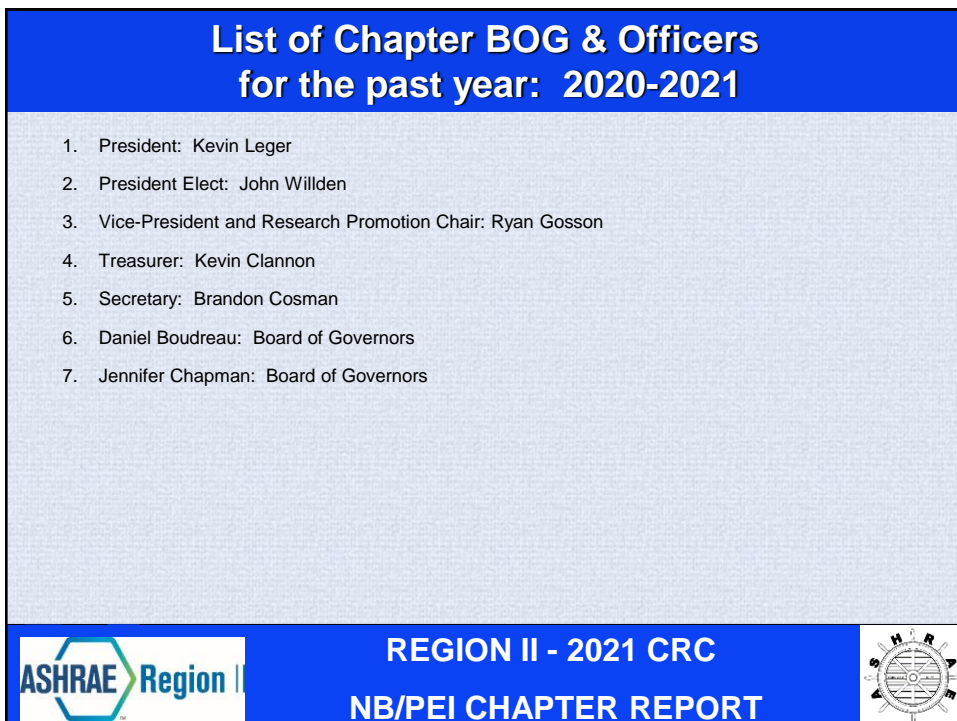
1. Learning how to small talk again during LIVE IN-PERSON events.
2. Financial subcommittee to deal with surplusses
3. More collaborative meetings with partners
(CaGBC/CANS/EfficiencyNS)
4. Possibly open second student branch
5. Reach out to underrepresented communities



REGION II - 2021 CRC
Halifax CHAPTER REPORT



1



2

List of Chapter Committee Chairs for the past year: 2020-2021

1. CTTC Chair (Programs): Matthew Peachman
2. Membership Chair: Kevin Bregel
3. Student Activities Chair: Ted White
4. Historian: John Willden
5. Newsletter Editor: Jeremie Richard
6. Electronic Communications: Mike Boudreau



**REGION II - 2021 CRC
NB/PEI CHAPTER REPORT**



3

Technical Presentations

Presentation	Attendance
1. Kitchen Ventilation	about 15-20
2. IAQ and Covid	14
3. EQ is the new IQ	5
4. Electrification - Thermal Storage	32
5. HVAC Rules of Thumb	10
6. Cognitive Functioning in High Perf Bldgs.	22
7. Thermal Comfort	19
8. NBC 2015 and Fire/Smoke Dampers	21



**REGION II - 2021 CRC
NB/PEI CHAPTER REPORT**



4

Other Technical or Special Events (beside chapter meetings)

1. Jeopardy Christmas Social
2. Region 2 Career Fair



REGION II - 2021 CRC
NB/PEI CHAPTER REPORT



5

YEA/SA Activities

1. Scholarship in Covid Times
2. Region 2 Career Fair



REGION II - 2021 CRC
NB/PEI CHAPTER REPORT



6

Social Events

1. For the December Social we had a Jeopardy night using the Chapter History as a dictionary to resolve disputes.



REGION II - 2021 CRC
NB/PEI CHAPTER REPORT



7

Research Promotion/Fundraising

Chapter Goal \$15,350.00

Total Dollars Raised \$2500.00

Number of Chapter Dues Paying Members = 0

Dollars Raised

per Chapter Dues Paying Member = \$16.66

Number of Chapter Assigned Members = 150

by Society



REGION II - 2021 CRC
NB/PEI CHAPTER REPORT



8

Chapter Finances

Chapter Bank Balance = \$20,631.86 as of July 1/2021

Chapter Bank Balance = \$25,296.08 as of July 1/2020

Date of Last Financial Audit = 2019/07/03 *

***The 2019-2021 report is ready to go for audit.**



**REGION II - 2021 CRC
NB/PEI CHAPTER REPORT**



9

New things implemented during the PAST year:

1. Expense Reports for reimbursement to be sent for approval by President and/or President Elect.



**REGION II - 2021 CRC
NB/PEI CHAPTER REPORT**



10

Challenges:

1. Last minute organizing; hard on volunteers to get things done on time.
2. Low turnout to some meetings. Rarely had quorum.
3. Few minutes created.
4. Moving meeting time, wasn't a regular set day and time.



**REGION II - 2021 CRC
NB/PEI CHAPTER REPORT**



11

Things the Chapter is most proud of:

1. Full technical program. Kudo's to all that participated.
2. Thirty percent of executive are YEA members.
3. Used several different virtual meeting software for the first time.
Only two glitches:
 - Presenter miscalculated start time due to time zones.
 - Start of another gotomeeting was delayed because the President Elect was logging onto the ASHRAE corporate ID instead of the meeting ID code.



**REGION II - 2021 CRC
NB/PEI CHAPTER REPORT**



12

What about next year 2021-2022?

1. Develop and maintain a 5 Year succession plan for chapter executive and key chair positions.
2. Establish routine workflow for Chapter Operations
3. Focus on personal and professional growth of members.
4. MEET show in May – 2 DL Presentations
5. Prepare for 50th anniversary of Chapter



**REGION II - 2021 CRC
NB/PEI CHAPTER REPORT**



13

ASHRAE

Ville de Québec Chapter

Chapter# 013

Activity Report

Year 2020-2021

2020-2021 Chapter President : Laurence Boulet, ing
2021-2022 Chapter President: Maxime Boivin, ing



REGION II - 2021 CRC
XXXX CHAPTER REPORT



1

List of Chapter BOG & Officers for the past year: 2020-2021

Chapter Board of Governors	Jean R Bundock
Chapter Board of Governors	Raynald Courtemanche
Chapter Board of Governors	Andréa Daigle
Chapter Board of Governors	Guy Perreault
Chapter Board of Governors	Yves Trudel
Chapter Board of Governors	Charles-André Munger

Chapter President / Delegate	Maxime Boivin
Chapter President Elect / Alternate	Olivier Bernier
Chapter Vice President	
Chapter YEA Chair	Tomas Piché
Chapter Membership Promotion Chair	Jonathan Boudreau
Chapter Secretary	Solange Levesque
Chapter Treasurer	Yves Trudel
Chapter Technology Transfer Chair	Guy Breton
Chapter Government Affairs Chair	Jean R Bundock
Chapter Research Promotion Chair	Laurence Boulet
Chapter Student Activities Chair	François Guillemette
Chapter Historian	Etienne Lemay
Chapter Newsletter Editor	Tommy Boucher
Chapter Refrigeration	David Gauvin
Chapter Webmaster	Guillaume Wieland



REGION II - 2021 CRC
XXXX CHAPTER REPORT



2

Other Technical or Special Events (beside chapter meetings)

- Symposium (May 3 to May 6 2021)



REGION II - 2021 CRC
XXXX CHAPTER REPORT



3

YEA/SA Activities

- Grants given to 2 students



REGION II - 2021 CRC
XXXX CHAPTER REPORT



4

Social Events

- Annual golf tournament and bike ride
 - Cancelled



REGION II - 2021 CRC
XXXX CHAPTER REPORT



5

Research Promotion/Fundraising

Chapter Goal \$17 800

Total Dollars Raised \$12 768

Number of Chapter Dues Paying Members = 109
Dollars Raised

per Chapter Dues Paying Member = \$117.14

Number of Chapter Assigned Members = 158
by Society



REGION II - 2021 CRC
XXXX CHAPTER REPORT



6

Chapter Finances

Chapter Bank Balance = \$63,313.67 as of July 1/2021

Chapter Bank Balance = \$57,960.89 as of July 1/2020

Date of Last Financial Audit = 2019/12/13

NOTE: chapter financial audit is required to be completed each year
(see ASHRAE Manual of Chapter Operations - MCO)



REGION II - 2021 CRC
XXXX CHAPTER REPORT



7

New things implemented during the PAST year:

- Gotowebinar Webinars and meetings
 - Recording of the presentation and giving the option for second viewing
- Virtual Symposium has been done on 4 days (instead of one day)



REGION II - 2021 CRC
XXXX CHAPTER REPORT



8

Challenges:

- COVID-19
 - Turning everything to virtual (monthly meetings and conferences)
- Everyone
 - Participation
- Membership
 - Retaining membership



REGION II - 2021 CRC
XXXX CHAPTER REPORT



9

Things the Chapter is most proud of:

- Virtual Meeting attendance, CTTC and Symposium
 - Success with attendance
 - The quality of presentations was great
- Research promotion
 - 72% vs our goal in the actual situation



REGION II - 2021 CRC
XXXX CHAPTER REPORT



10

What about next year 2021-2022?

- Keep our students branch active and motivated even in the distance
- Increase membership and retain members
- Adapt to new COVID-19 guidelines for CTTC, symposium, YEA and studies activities



REGION II - 2021 CRC
XXXX CHAPTER REPORT



ASHRAE Montréal Chapter Chapter# 014

Activity Report Year 2020-2021

Chapter President : Audrey Dupuis



REGION II - 2021 CRC
Montréal CHAPTER REPORT



1

List of Chapter BOG & Officers for the past year: 2020-2021

Officers					
Audrey Dupuis	Présidente	Sonia Pourmazari	Trésorière		
Mathieu Rondeau	Président désigné	Bruno Lefebvre	Secrétaire		
Mai Anh Dao	Vice-présidente	Francis Lacharité	Président sortant		
Governors					
Ahmed Aboueich	Nicolas Lemire				
Enrico Di Pietro	Geneviève Lussier				
Ronald Gagnon	Sami Maksoud				
Catherine E. Gosselin	Caroline Paquet				
François Guillemette	Caroline Rhéaume				
Jean-Gabriel Joannette	Daniel Robert				
Stanislaw Kajl	Magdalena Stanescu				
Simon Khaled	Jean-Sébastien Trudel				
Michel Landry	Shawn Walton				
Isabelle Lavoie					

25 Gouvernors and Officers



REGION II - 2021 CRC
Montréal CHAPTER REPORT



2

Other Technical or Special Events (beside chapter meetings)

1. October : ALI online course - Geothermal Wells 3 hours course
2. October : Webinar on How to prevent covid in buildings – Specially targeting schools
3. November : Webinar on How to prevent covid in buildings – Specially targeting schools
4. November : YEA virtual technical tour and conference at ETS
5. March : Montreal Chapter Sustainability Seminar in virtual mode – a week long of technical presentations over lunch.
6. May : Refrigeration online course in 2 parts from our Refrigeration committee



REGION II - 2021 CRC
Montréal CHAPTER REPORT



3

YEA/SA Activities

1. November : YEA virtual technical tour and conference at ETS
2. February : SA and YEA Virtual – Regional Career fair (*thanks to Mai Anh !!)
3. February : YEA-WIA and TOY members gave a lunch webinar with a Student Branch on The consulting engineering job and female impact



REGION II - 2021 CRC
Montréal CHAPTER REPORT



4

Social Events

1. November : WIA webinar with a YEA Female HVAC Company president
2. December : Christmas SPECIAL: Audrey's Quiz with the volunteers after our BOG meeting
3. January : Wine and Cheese fund raiser for the RP Campaign
(Live virtual event with a wine expert and a singer)
4. January : WIA webinar : How to collaborate like a pro with a tasks planner specialist
5. April : WIA lunch webinar with Kathy Baig president of OIQ
6. June : WIA Yoga in the park



REGION II - 2021 CRC
Montréal CHAPTER REPORT



5

Research Promotion/Fundraising

Chapter Goal 38 550 \$
Total Dollars Raised 41 915 \$

Number of Chapter Dues Paying Members = 310

Dollars Raised per Chapter Dues Paying Member = 41 915\$ / Paid member

Number of Chapter Assigned Members = 534



REGION II - 2021 CRC
Montréal CHAPTER REPORT



6

Chapter Finances

Chapter Bank Balance = \$94 930 as of July 1/2021

Chapter Bank Balance = \$85 261 as of July 1/2020

Date of Last Financial Audit = 2020/12

**NOTE: chapter financial audit is required to be completed each year
(see ASHRAE Manual of Chapter Operations - MCO)**



**REGION II - 2021 CRC
Montréal CHAPTER REPORT**



7

New things implemented during the year:

1. Live webinars with Gotoweinars
2. September meeting delivered « *virtual and live* »
3. Remote BOG meetings with Gotomeeting
4. We gave 2 new scholarship with our Scholarship Fund with Society
5. A few members participated in media Interviews (TV news, Radio, TV shows, Press)
6. We held free special webinars for the schools employee on ventilation and covid
7. We participated in 2 covid groups with other professional to help mitigate the risk and share our ASHRAE knowledge –
8. We filmed 5 interviews with local members on their ASHRAE experience for History and showed it during our virtual meeting
9. We participated on a Panel at the ASHRAE Summer meeting to share our Covid related activities



**REGION II - 2021 CRC
Montréal CHAPTER REPORT**



8

Challenges:

1. Volunteers time
2. Covid
3. A lot of webinars offers



REGION II - 2021 CRC
Montréal CHAPTER REPORT



9

Things the Chapter is most proud of:

1. Maintaining contact with the members during COVID
2. Keeping our investments in students (handbooks and scholarship)
3. Maintaining our technical activities for our members with our virtual conferences
4. Helping the community with our HVAC knowledge during the pandemic
5. Reaching our RP goals



REGION II - 2021 CRC
Montréal CHAPTER REPORT



10

What about next year 2021-2022 ?

1. Agile planning with COVID uncertainty : in-person and/or virtual activities ?
2. Digital transformation:
 - Improve our newsletter format and strategy
 - Improving social media strategy (reach, promotion, usage, etc.)
3. *"Feed the roots"* with
 - Focus on giving back to members (WIA, YEA and SA activities)
 - Strong technical program
4. Continue improving notoriety through GAC
5. MP : simplify strategy and value proposition to engineers

***Main operational challenge : members' involvement (retention and recruiting)**



REGION II - 2021 CRC
Montréal CHAPTER REPORT



11

What about next year 2021-2022 ?

Officers					
Mathieu	Rondeau	Président	Bruno	Lefebvre	Trésorier
Sonia	Pournazari	Présidente désigné	Ahmed	Aboueich	Secrétaire
Mai Anh	Dao	Vice-présidente	Audrey	Dupuis	Présidente sortante
Governors					
Ronald	Gagnon		Sami	Maksoud	
Catherine E.	Gosselin		Caroline	Paquet	
Stanislaw	Kajl		Yves	Paquette	
Francis	Lacharité		Caroline	Rhéaume	
Michel	Landry		Daniel	Robert	
Isabelle	Lavoie		Magdalena	Stanescu	
Nicolas	Lemire		Jean-Sébastien	Trudel	
Geneviève	Lussier		Shawn	Walton	

22 governors and officers



REGION II - 2021 CRC
Montréal CHAPTER REPORT



12

ASHRAE Ottawa Valley Chapter Chapter# 015

Activity Report Year 2020-2021

2020-2021 Chapter President : Adam Moons
2021-2022 Chapter President: Adrienne Mitani



REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT



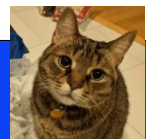
1

List of Chapter BOG & Officers for the past year: 2020-2021

1. Past President – Aaron Dobson
2. President – Adam Moons
3. President Elect – Adrienne Mitani
4. Treasurer – Ryan Dickinson
5. Secretary – Celine Baribeau
6. Governor – Joel Primeau
7. Governor – Joe Della Valle
8. Governor – Celine Baribeau
9. Governor – Mike Swayne
10. Governor – Evans Mutua



REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT



2

Other Technical or Special Events (beside chapter meetings)

1. Seminar - K-12 Energy Guide by Thomas Phoenix
2. Women in ASHRAE Tech Hour + Social
3. September Stroke Play Golf + RP Raffle



REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT



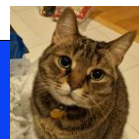
3

YEA/SA Activities

1. September Stroke Play Golf
2. Regional Career Fair
3. Student Sessions with YEA members
4. Tech Sessions with Joel
5. Ottawa Regional Science Fair over Zoom and awarded three projects the ASHRAE Special Award
6. Presented at a number of online university/college classes about ASHRAE
7. Ottawa Valley Chapter ASHRAE Scholarship awarded



REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT



4

Social Events

1. September Stroke Play Golf
2. Women in ASHRAE Tech Hour



REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT



5

Research Promotion/Fundraising

Chapter Goal \$34,650.00

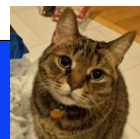
Total Dollars Raised \$23,289.10

Number of Chapter Dues Paying Members = 218
Dollars Raised
per Chapter Dues Paying Member = \$106.83

Number of Chapter Assigned Members = 394
by Society



REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT



6

Chapter Finances

Chapter Bank Balance = \$65,288.76

as of July 1/2021

Chapter Bank Balance = \$54,204.41 as of July 1/2020

Date of Last Financial Audit = 2019/12

**NOTE: chapter financial audit is required to be completed each year
(see ASHRAE Manual of Chapter Operations - MCO)**



**REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT**



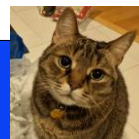
7

New things implemented during the PAST year:

1. Zoom Webinars and meetings
 - Recording and providing second viewing option
2. Chapter Incorporation
3. Added Social Media Chair position
4. Increased use of Twitter and LinkedIn to promote events
5. Moved Research Promotion off of President Elect role mid year



**REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT**



8

Challenges:

1. Chapter was very slow to start up planning and transition to digital meetings
2. Resistance to virtual events – zoom fatigue
3. Technical learning curve for online events, both hosting and attending
4. Webinar format helped and hindered chapter interaction
5. Low volunteer numbers
6. Disconnection with volunteers and members



REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT



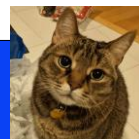
9

Things the Chapter is most proud of:

1. The CCTC team making the transition to virtual and set up and seamlessly hosting the meetings
2. Increased use of LinkedIn, including 100 new followers from the region
3. Student activities continuing and jumping last minute with Career Fair
4. Virtual board meetings have been very efficient



REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT



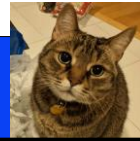
10

What about next year 2021-2022?

1. Hiring new book keeper and redefining role
2. Bringing back in person meetings with hybrid model (hopefully)
3. Creating more opportunities for social events virtual & in person
4. Community building with networking and events
5. Recruit and retain more volunteers and creating a culture of larger committees. Community of volunteers and less silo-ed by roles



REGION II - 2021 CRC
OTTAWA VALLEY CHAPTER REPORT



ASHRAE Toronto Chapter Activity Report Year 2020-2021

2020-2021 Chapter President : Brendan McDermott

2021-2022 Chapter President: Abhishek Khurana



REGION II - 2021 CRC
TORONTO CHAPTER REPORT



1

List of Chapter BOG & Officers for the past year: 2020-2021

1. PRESIDENT – BRENDAN MCDERMOTT
2. PRESIDENT ELECT – ABHISHEK KHURANA
3. VICE PRESIDENT – KURT MONTEIRO
4. TREASURER – BEATRIZ SALAZAR
5. SECRETARY – MIKE GENIN
6. PAST PRESIDENT – ANTONIO FIGUEIREDO
7. BOG - NISS FEINER
8. BOG – ANNE MARIE BUNGARD
9. BOG – ALEKHYA KAIANATHBHATTA
10. BOG – DRAGOS PARASCHIV
11. BOG – THINUSHA PARAM



REGION II - 2021 CRC
TORONTO CHAPTER REPORT



2

Other Technical or Special Events (beside chapter meetings)

1. 101 Series – Hydronics 101, Controls and AI 101, Refrigeration 101, System Design and Selection, Fundamentals of Air System Design
2. Diversity Event – How to climb the corporate ladder, Generational Differences in the workforce w/ Pam Duffy (SA / YEA collab)
3. Personal Development and Leadership Workshop w/ Ralph Keison
4. Personal Growth Seminar w/ Karine Leblanc
5. Student branch event - Pandemic Task Force w/ Marwa Zaatari



REGION II - 2021 CRC
TORONTO CHAPTER REPORT



3

YEA/SA Activities

1. YEA
 1. Leadership seminar
 2. Growth Seminar
2. SA
 1. Career Fair (Regional)
 2. Student Congress w/ all student branch presidents, vice-presidents and faculty advisors.
 3. Student Night and DL event (2 events w/ Pam and Marwa)
 4. Career workshops during National Engineering Month - How to follow up and talk to potential employers
 5. Life of New Graduates in HVAC Industry - Panel event



REGION II - 2021 CRC
TORONTO CHAPTER REPORT



4

Social Events

1. Game night w/ student branches (virtual)



REGION II - 2021 CRC
TORONTO CHAPTER REPORT



5

Research Promotion/Fundraising

Chapter Goal	\$44,000
Total Dollars Raised	\$42,700~

Number of Chapter Dues Paying Members = 334
Dollars Raised
per Chapter Dues Paying Member = \$127.80

Number of Chapter Assigned Members = 1079
by Society



REGION II - 2021 CRC
TORONTO CHAPTER REPORT



6

Chapter Finances

Chapter Bank Balance = \$43,529.73 as of July 1/2021

Chapter Bank Balance = \$34,677.01 as of July 1/2020

Date of Last Financial Audit = 2021/07/30

**Audit completed by Region 2 ARC and Toronto Chapter
Past President Doug Cochrane**



**REGION II - 2021 CRC
TORONTO CHAPTER REPORT**



7

New things implemented during the PAST year:

1. 101 Series (CTTC)
2. Buffer platform implementation (Communications)
3. Created 3-4 new awards at the chapter level (H&A)



**REGION II - 2021 CRC
TORONTO CHAPTER REPORT**



8

Challenges:

COVID



REGION II - 2021 CRC
TORONTO CHAPTER REPORT



9

Things the Chapter is most proud of:

1. Formulated a plan to tackle COVID and organizing virtual events
2. Started a Youtube channel - Recorded all webinars and made recordings accessible to members only for free to provide more value as a chapter.
3. Increased Social Media Followers by 1000+ during the year
4. Provided value to all members by organizing events on fundamentals and on advance topics
5. Almost meeting RP Goal
6. Mike Genin Elected as GAC RVC



REGION II - 2021 CRC
TORONTO CHAPTER REPORT



10

What about next year 2021-2022?

30+ Active volunteers looking to put Toronto at the top of all chapters in ASHRAE Globally.

1. 100 Year Anniversary – See you all in Toronto
2. Formalizing relationships with other industry organizations in Toronto
3. Create a 3 year strategic plan for the chapter
4. Helping other ASHRAE Chapter in our region who don't have the resources to accomplish their goals.
5. Implement Basecamp and Slack for the chapter
6. Website Redesign
7. Grow our Volunteer base



REGION II - 2021 CRC
TORONTO CHAPTER REPORT



11

ASHRAE Hamilton Chapter Chapter #037

Activity Report Year 2020-2021

Chapter President : Robyn Ellis



REGION II - 2021 CRC
Hamilton CHAPTER REPORT



1

List of Chapter BOG & Officers for the past year: 2020-2021

20/21 Officers:

Iain Hill
Mitchell Rohrer
Robyn Ellis
Stan Holko
Aaron Besseling

20/21 BOG:

Reaz Usmanali
Mustafa Morsey
Mark Long
John Molnar
Marco Ciallella



David Rasmussen
Christopher Hofland

Jeremy Stockmans
George Menzies



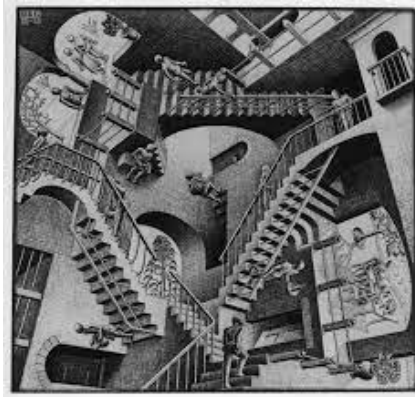
REGION II - 2021 CRC
Hamilton CHAPTER REPORT



2

YEA/SA Activities

Virtual Escape Room!



Virtual Trivia Night!



REGION II - 2021 CRC
Hamilton CHAPTER REPORT



3

Research Promotion/Fundraising

Chapter Goal \$10,850.00

Total Dollars Raised \$5,578.00

Number of Chapter Dues Paying Members = 169

Dollars Raised per Chapter Dues Paying Member = \$33

Number of Chapter Assigned Members = 221



REGION II - 2021 CRC
Hamilton CHAPTER REPORT



4

Chapter Finances

Chapter Bank Balance = \$ 56,429.69 as of July 1/2021

Chapter Bank Balance = \$ 43,046.17 as of July 1/2020

Date of Last Financial Audit = 2021/06/21



**REGION II - 2021 CRC
Hamilton CHAPTER REPORT**



5

Successes & new things implemented during the year:

- Announced new members at meetings
- Reached out to encourage advancement of members to higher grades
- Zoom Webinar platform to Host Chapter Meetings
- LinkedIn page is working well
- Revised Chapter communications & Newsletter to match ASHRAE Society branding and style
- Partnership with Toronto Chapter & HRAI for Provincial DOTH & MPP meetings
- Financial benefit of no meeting expenses was a net gain for the chapter, despite lack of meeting income



**REGION II - 2021 CRC
Hamilton CHAPTER REPORT**



6

Challenges:

Virtual/Zoom Fatigue

Difficult to get students & volunteers engaged for virtual programming & meetings



REGION II - 2021 CRC
Hamilton CHAPTER REPORT



7

Challenges:

- COVID put a stop on organizations spending on non-critical items (e.g. ASHRAE Research)
- Membership Delinquencies increased
- Student membership & engagement decreased
- Lack of avenues to invest in students during the pandemic
- Adding information to the Chapter website and getting communications out in real time:
 - Sufficient notice to our members prior to an event (goal: at least 2 weeks before)
 - Showcasing our events soon after the fact



REGION II - 2021 CRC
Hamilton CHAPTER REPORT



8

Things the Chapter is most proud of:

- CTTC virtual program excellent quality:
6 distinguished lecturers
- Excellent turnout at virtual meetings (exceeds pre-pandemic numbers)
- Hamilton did not lose that many members during the pandemic <1%
- Virtual ASHRAE Region II Career Fair
- Successful virtual social events: Trivia Night, Escape Room
- Meetings with MPPs and Ministry of Health & LTC and partnership with Toronto GAC



REGION II - 2021 CRC
Hamilton CHAPTER REPORT



9

What about next year 2021-2022?

- Hybrid virtual & in-person meetings: resulting challenges or increased membership participation and event flexibility?
- Annual Golf Tournament Sept 15 (Whirlpool Golf), potential for second Golf Tournament June 2022
- Build upon existing partnerships for next DOTH
- New meetings to connect local government with ASHRAE "Decarbonization Task Force" and their resources
- Improve Chapter website to provide better engagement with our members and showcase our events
- Student Activities Committee (as opposed to Chair efforts alone):
 - K-12 champion & STEM kits
 - Student engagement
- Approach other associations to encourage new ASHRAE chapter members
- Further reduce membership delinquencies



REGION II - 2021 CRC
Hamilton CHAPTER REPORT



10

London Chapter #116

Activity Report Year 2020-2021

Chapter President : Andrew Crowley



REGION II - 2021 CRC
LONDON CHAPTER REPORT

1

List of Chapter BOG & Officers for 2020-2021

- | | |
|--|--|
| 1. Andrew Crowley, President | 11. Tom Pollard, Electronic Communications |
| 2. Kate Mayberry, Vice-President | 12. Adrian Bruijns, GGAC Chair |
| 3. Kate Mayberry, RP Chair | 13. Andrew Crowley, Refrigeration Chair |
| 4. Rajan Deenath, Treasurer | 14. John Freeman, Golf Tournament Chair |
| 5. Jeff Armstrong, Secretary | |
| 6. Alex Somers, MP Chair | |
| 7. Glenn Kernaghan, Student Activities Chair | |
| 8. Tom Pollard, Historian | |
| 9. Aaron Hampel, CTTC Chair | |
| 10. Tom Deslippe, YEA Chair | |



REGION II - 2021 CRC
LONDON CHAPTER REPORT

2

YEA/SA Activities

One fall and one spring meeting were student nights, where approx. 50 Western student attended each.

One fall and one spring meeting were YEA nights, where YEA was promoted.

Our SA Chair introduced ASHRAE to Western HVACR students in September.

We hosted a student and YEA panel, where we had six experts discuss their jobs and industry, with a long Q and A session after. This was a success, with approx. 40 members attending.

Due to Covid, we had no in-person social gatherings.



**REGION II - 2021 CRC
LONDON CHAPTER REPORT**

3

Social Events

Due to Covid, we had no in-person social events.

We had Q and A sessions after each monthly meeting, which never seemed to create much open discussion.

YEA and Students had the panel explained in previous slide.

BOG had a virtual Christmas social, where food and beverages were delivered to homes from a local brewery. We ate together virtually and had a good social hour!



**REGION II - 2021 CRC
LONDON CHAPTER REPORT**

4

Research Promotion/Fundraising

Chapter Goal \$12,550

Total Dollars Raised \$9,126

***June 2021 RP golf tournament postponed**

Number of Chapter Dues Paying Members = 91

Dollars Raised per Chapter Dues Paying Member = \$100

Number of Chapter Assigned Members = 139



**REGION II - 2021 CRC
LONDON CHAPTER REPORT**

5

Chapter Finances

Chapter Bank Balance = \$16,276 as of July 1/2021

Chapter Bank Balance = \$17,364 as of July 1/2020

Date of Last Audit = July 2018



**REGION II - 2021 CRC
LONDON CHAPTER REPORT**

6

New things implemented during the year:

1. All meetings were hosted virtually on ASHRAE's GoToMeeting account.
2. London and Windsor shared the meetings, rotating on a monthly basis.
3. We had more monthly meetings than ever before given the ease of hosting a virtual meeting.
4. We hosted more DL's than ever before due to the ease of presenting virtually.
5. Student and YEA industry night.
6. Region II Job Fair (Thank you to those who organized it!)



REGION II - 2021 CRC LONDON CHAPTER REPORT

7

Challenges:

1. Front end organization of the year, adapting to all the changes Covid forced.
2. RP donations were harder to obtain, requiring more effort than years past
3. RP golf tournament was delayed all year due to Covid (scheduled for September 2021).
4. Maintaining interest of some members who were very active prior to Covid.
5. Student registration decreased due to lack of in-person meetings with the classes and all the restrictions with COVID at Western



REGION II - 2021 CRC LONDON CHAPTER REPORT

8

Things you are the most proud of:

1. Continued strong student division attendance at meetings.
2. Sustained meeting attendance from previous years, most meetings drew above average attendance.
3. Greater variety in membership attending meetings due to good speakers/topics, and the ease of attending virtually.
4. Varied meeting topics that included a lot of DL's and collaboration with neighboring chapters
5. Adding and engaging young membership to offset retiring individuals
6. The teamwork of our BOG throughout the year, reacting to all the changes brought on by Covid.



REGION II - 2021 CRC LONDON CHAPTER REPORT

9

What about next year 2021/2022

1. In-person meetings/social events with hybrid approach (hopefully). If in-person events are restricted, further effort to create more virtual social events (trivia night, etc.) for this year.
2. Continue to work with neighboring chapters to promote virtual meetings to multiple chapters, increasing attendance.
3. Annual Golf Tournament (September 2021) at FireRock Golf Club after being postponed twice. The golf tournament is London Chapter's main social event and RP fundraiser for the year.
4. Increase SA/YEA social events. Chapter had success with a virtual SA/YEA industry expert panel event this past year and would like to host another again.
5. Begin dialogue with other local associations to discuss hosting a joint event in the near future with another association.
6. Increase social media engagement in an effort to reach out to larger networks.



REGION II - 2021 CRC LONDON CHAPTER REPORT

10

ASHRAE


Windsor Chapter

Chapter # 141

Activity Report


Year 2020-2021

2020-2021 Chapter President : Dave Dufour
2021-2022 Chapter President: Amanda Forest



REGION II - 2021 CRC

WINDSOR 141 CHAPTER REPORT




1

List of Chapter BOG & Officers


for the past year: 2020-2021

<ol style="list-style-type: none"> 1. Dave Dufour – President 2. Amanda Forest – President Elect 3. Jamie Smith – Treasurer 4. Eric Pelletier – Secretary 5. AJ DeSantis – Reception 6. Nathan Cook – Research Promotion Chair 7. Danny Castellan – CTTC Chair 8. Paul Greff – GAC Chair 9. Florin Corcoz – Membership Promotion Chair 10. Andy Hrutka – Historian 11. Jamie Smith – Student Activities 12. Vince Lafromboise – Newsletter Editor 13. Eric Pelletier – YEA Chair 14. David Ting – Student Branch Advisor 	<ol style="list-style-type: none"> 15. Jon Palmer – Refrigeration Chair 16. James Smith – BOG 17. Steve Koutsonicolas – BOG
--	--



REGION II - 2021 CRC

WINDSOR 141 CHAPTER REPORT



2

Other Technical or Special Events (beside chapter meetings)

1. No technical or special events were held, due to COVID



REGION II - 2021 CRC
WINDSOR 141 CHAPTER REPORT



3

YEA/SA Activities

1. Virtual Christmas Drinks – December 2020



REGION II - 2021 CRC
WINDSOR 141 CHAPTER REPORT



4

Social Events

1. Golf Tournament – September 2020
2. Virtual Christmas Drinks – December 2020



REGION II - 2021 CRC
WINDSOR 141 CHAPTER REPORT



5

Research Promotion/Fundraising

Chapter Goal \$7,850

Total Dollars Raised \$10,230

Number of Chapter Dues Paying Members = 45
Dollars Raised

per Chapter Dues Paying Member = \$227

Number of Chapter Assigned Members = 56
by Society



REGION II - 2021 CRC
WINDSOR 141 CHAPTER REPORT



6

Chapter Finances

Chapter Bank Balance = \$27,818.21 as of July 1/2021

Chapter Bank Balance = \$23,449.04 as of July 1/2020

Date of Last Financial Audit = August 25, 2020

NOTE: there will be another audit completed for 2020-2021 year within the next few months



**REGION II - 2021 CRC
WINDSOR 141 CHAPTER REPORT**



7

New things implemented during the PAST year:

1. Virtual Chapter / BOG Meetings
2. With Chapter cost savings, we were able to donate more "money" to charities/events



**REGION II - 2021 CRC
WINDSOR 141 CHAPTER REPORT**



8

Challenges:

1. Active Participation within Chapter (virtually)
2. Lack of enthusiasm amongst members
3. Social / Technical Events during COVID
4. Membership Retention



REGION II - 2021 CRC
WINDSOR 141 CHAPTER REPORT



9

Things the Chapter is most proud of:

1. Chapter Attendance for Virtual Meetings
2. Golf Tournament
3. 3 New Members
4. RP Goal Reached
5. Joint Meetings with London Chapter
6. Christmas Donation to Goodfellows



REGION II - 2021 CRC
WINDSOR 141 CHAPTER REPORT



10

What about next year 2021-2022?

1. Planning to have more Chapter participation
2. In – person meetings
3. Increase Membership & Retain Current Members
4. Continue strong Chapter RP Campaign



REGION II - 2021 CRC
WINDSOR 141 CHAPTER REPORT



APPENDIX – D

RVC REPORTS

Historical

Government Affairs (GA)

Membership Promotion (MP)

Chapter Technical Transfer (CTTC)

Research Promotion (RP)

Student Activities (SA)

Young Engineers In ASHRAE (YEA)

Communications Committee (CC)

ASHRAE Region 2

REGIONAL HISTORIAN

RVC: Tom Pollard



Activity Report Year 2020-2021



REGION II - 2021 CRC
Tom Pollard-Regional Historian

1

PAOE Summary for HISTORICAL

Chapter	PAOE 2018/19		PAOE 2019/20		PAOE 2020/21	
		change		change	change	ranking
Montreal	500	-300	950	+450	1375	+425 1/9
Ottawa Valley	1000	0	650	-350	900	+250 2/9
Toronto	550	+175	1325	+775	875	-450 3/9
Quebec	350	-525	775	+250	425	-350 4/9
Hamilton	1000	+550	700	-300	400	-300 5/9
London (Canada)	450	-50	500	+50	400	-100 5/9
NB/PEI	200	-150	250	+50	400	+150 5/9
Windsor	425	-225	550	+125	350	-200 8/9
Halifax	325	-325	525	+200	150	-375 9/9

Minimum = 100 PAR = 300



REGION II - 2021 CRC
Tom Pollard-Regional Historian

2

Chapter Visits and Chapter Highlights

2021/2021 NO HISTORY VISITS – Covid Travel Restrictions

A few Chapters had a “history night” during virtual meetings

HIGHLIGHTS

Aug 2021 History Workshop **9*/9** chapters represented

10 total in attendance at 1st session and then then 1 on 1
(in Aug 2020 had 7/9 chapters at History Workshop)

8/9 Chapter Historian Chairs are returning for 2021-2022

2020-2021 Goals established with each Chapter Historian Chairs
and Reports at end of year: I was able to get 8/9 Chapter Chair reports



REGION II - 2021 CRC
Tom Pollard-Regional Historian

3

HISTORY Chapter Special Recognition

Montreal - Caroline Paquet

several articles in the "Montréalais" (was 85th chapter anniversary)
produced 4 shorts videos and shown at April and May meetings

Quebec - Étienne Lemay

Did a history night in December
Published Life Member article in April 2021 L'Infobec (chapter journal)



REGION II - 2021 CRC
Tom Pollard-Regional Historian

4

New items implemented during the year:

1. Will send out emails sent out to Chapter Historian Chairs every 2 months (Oct, Jan, March, May) for reminders about activities and for PAOE entry
2. Reminders at end of year asking for final reports
(after 2nd reminder was able to get 8/9 end of year reports)



REGION II - 2021 CRC
Tom Pollard-Regional Historian

5

Things you are the most proud of:

1. Chapter history activities in a difficult year due to virtual meetings but still able to do some history nights (was hard for smaller chapters to do special meetings and events)
2. Chapter Historians typically hold chair for more then 1 year so they already have an idea was to what is required
and they continue to be involved with ASHRAE !
(2021/2022 have 8/9 chairs returning)



REGION II - 2021 CRC
Tom Pollard-Regional Historian

6

What about next year 2021-2022?

1. CRC History Workshop – held as GoToMeeting this year (Aug 2021)
COMPLETED and having all 9/9
2. Will offer mid year Zoom or GoToMeetings to Chapter Historian Chairs
3. Have chapters promote Presidential Theme
Personal Growth. Global Impact. Feed the Roots.
and get Chapter Historians to work with Communication,
Newsletter Editors, Webmasters, Tech Transfer Chairs
4. Continue to send out email reminders and ideas with items
and to ensure PAOE are updated mid year (Oct, Jan, Mar, June)
*** mid year and final reports will be needed for RVC PAOE
5. Have Chapters update 5 year history for Gold Ribbon Award.



REGION II - 2021 CRC
Tom Pollard-Regional Historian

7

HISTORY Chapter Important Dates

ASHRAE - Chapter Charter Dates

based on date:

2021-08-05

Society Annual Conference
Toronto June 25-29, 2022

Chapter#	Charter Date			Next Anniversary		Next Special Date	
#016 Toronto	1922-05-09	99.24 years old		100	2022-05-09	100	2022-05-09
#014 Montreal	1936-04-09	85.32		86	2022-04-09	90	2026-04-09
#015 Ottawa Valley	1952-09-16	68.89		69	2021-09-16	70	2022-09-16
#013 La Ville de Quebec	1956-12-13	64.64		65	2021-12-13	65	2021-12-13
#037 Hamilton	1959-10-22	61.79		62	2021-10-22	65	2024-10-22
#100 Halifax	1965-03-15	56.39		57	2022-03-15	60	2025-03-15
#116 London (Canada)	1972-05-08	49.24		50	2022-05-08	50	2022-05-08
#117 NB/PEI	1972-10-13	48.81		49	2021-10-13	50	2022-10-13
#141 Windsor	1983-11-19	37.71		38	2021-11-19	40	2023-11-19



REGION II - 2021 CRC
Tom Pollard-Regional Historian

8

ASHRAE Region 2 Government Affairs

RVC (incoming) : Mike Genin
RVC (rolling off): Rob Hoadley

Activity Report Year 2020-2021



REGION II - 2021 CRC
Mike Genin - RVC GAC



1

PAOE Summary for GAC

Chapter	PAOE 2018/19	PAOE 2019/2020	PAOE 2020/2021
Quebec	650	700	700
Montreal	1310	900	1950
Ottawa Valley	800	0	900
Toronto	1150	1350	1850
Hamilton	2555	1600	850
Halifax	200	950	350
London (Canada)	500	650	700
NB/PEI	250	500	350
Windsor	750	2200	1500

Minimum = 500 PAR = 1000



REGION II - 2021 CRC
Mike Genin - RVC GAC



2

Chapter Visits and Chapter Visit Highlights

Visits and Highlights

No in person visits due to covid.

Virtual meetings with NB/PEI and Halifax Chapters



REGION II - 2021 CRC
Mike Genin - RVC GAC



3

Chapter Special Recognition

1. Montreal of highest PAOE points
 1. Audrey Dupuis – media release about school ventilation in Quebec. Aug 2020.
2. Toronto – John Cusato rolling off as GAC Chair after 3 years
 1. DC, DU and JC heavy lifting with school boards. ASHRAE referenced in their operational guide.
3. PEI – Rob Hoadley rolling off as RVC GAC after 3 years
4. Windsor > 1000 PAOE points
5. Ottawa – new Chair – Ryan Dickinson
6. Toronto – new Chair – Marli Moise
7. London – new Chair – Andrew Crowley



REGION II - 2021 CRC
Mike Genin - RVC GAC



4

New items implemented during the year:

1. Virtual Meetings due to covid.
 1. Virtual Day on the Hill
 2. Virtual Day in Queen's Park
2. ASHRAE Decarbonization Task Force
3. ASHRAE Epidemic Task Force



REGION II - 2021 CRC
Mike Genin - RVC GAC



5

Things you are the most proud of:

1. ASHRAE Region II being the "go to"
 - a) Infrastructure Canada contact – contacted us
 - b) Environment and Climate Change Canada – contacted us
 - c) City of Toronto – contacted us
2. New Relationship with Efficiency Canada
3. Relationship with HRAI and assistance with Day at Queen's Park



REGION II - 2021 CRC
Mike Genin - RVC GAC



6

What about next year 2021-2022?

1. Planning Sessions with each Chapter
2. Aim for “Day on the Hill” (Ottawa) in spring 2022
3. Attempts for in person Chapter visits (pending covid)
4. Continuity and follow-up, ie; EE Canada local champions
5. Calendar of events to improve participation
6. Engage chapter Chairs on local government level, municipal, school boards etc...

TORONTO
GREEN STANDARD V3



HalifACT 2050
ACTING ON CLIMATE TOGETHER



REGION II - 2021 CRC
Mike Genin - RVC GAC



2020-2021 REGION 2 MP REPORT

DATE: 8/12/2021

TO: MEMBERSHIP PROMOTION COMMITTEE

RE: REGION 2 MEMBERSHIP REPORT

1.0 **REGIONAL ACTIVITY:**

Give overview of the status of the current Society Membership Promotion campaigns (year-to date)

- Virtual Centralized Training (June 2020)
 - Full Credit: 6 Chapters (Ottawa, Windsor, Quebec, Hamilton, Montreal, Toronto)
 - Partial Credit for 1 session: 2 Chapters (London, Halifax)
 - No Training: 1 Chapter, (NB/PEI)
- Virtual Centralized Training (June 2021)
 - Full Credit: All 9 Chapters (Ottawa, Windsor, Quebec, Hamilton, Montreal, Toronto, Halifax, NB/PEI, London) YAY!!!

Summarize your CRC Workshop – attendance, action items, motions that went forth from your region related to membership promotion, or any other highlights. Submit completed CRC workshop resource manual evaluation forms to the CRC subcommittee chair. Provide feedback (+/-) on strategies used to present workshop materials.

- CRC was virtually hosted by Quebec
 - 8/9 chairs attended CRC Workshop, a separate 1-on-1 was held with the ninth due to a scheduling conflict.

2.0 **CHAPTER CONTACT**

Give overview of Chapter visits (include details on what you did during your visit and suggestions for others to consider).

- No Chapter visits due to COVID, virtual or in-person.

3.0 **CHAPTER HIGHLIGHTS**

Detail any outstanding or successful Chapters including Chapter incentives for: Membership night promotional ideas or noteworthy incentives, activities, gimmicks, golf tournaments, fishing trips, give-aways, etc.

- Montreal focused on Member Retention (deliq emails), challenge was 100% virtual, different types of members, members seemed to forget why to come out or stay in membership. Social is a large component. A lot of companies cut ASHRAE membership for their employees.
- No chapters have a diversity chair. Mar. 8 Int'l Women's Day, had trouble advertising (Toronto). Sheila Hater, NASA, 2 from Toronto. Diversity communication in the workplace.
- TO did member bring a member. Had an increase in attendance.

AI JOHN – Connect Azadeh with DIA folks. Encourage chapters to have chairs devoted to DIA at CRC. How to pitch to get more attendees.

4.0 **REGIONAL STATISTICS – Attach Excel spreadsheet summary of statistics for each chapter, including Regional totals and PAOE points.**

Ch#	Chapter	Advance	Start	New	%New	Delinquencies "Member Unpaid"	%Del	Cancel	%Cancel	Net Growth	Goal	%Net Growth	PAOE
13	QUEBEC	0	163	20	12%	13	8%	21	13%	-1	3	-1%	950
14	MONTREAL	0	534	52	10%	32	6%	87	16%	-35	11	-7%	1350
15	OTTAWA VALLEY	9	411	37	9%	31	8%	65	16%	-28	8	-7%	1050
16	TORONTO	2	1079	129	12%	73	7%	198	18%	-69	22	-6%	1870
37	HAMILTON	2	281	16	6%	16	6%	22	8%	-6	6	-2%	1295
100	HALIFAX	0	193	29	15%	12	6%	34	18%	-5	4	-3%	885
116	LONDON	0	127	14	11%	8	6%	18	14%	-4	3	-3%	925
117	NB/PEI	0	150	8	5%	16	11%	13	9%	-5	3	-3%	575
141	WINDSOR	0	63	4	6%	5	8%	10	16%	-6	1	-10%	1070
	Total	13	3001	309	10%	206	7%	468	16%	-159	61	-5%	P=800

ASHRAE Region 2 CTTC Report RVC: Daniel Redmond

Activity Report Year 2020-2021



REGION II - 2021 CRC
Daniel Redmond - RVC CTTC

1

PAOE Summary for CTTC

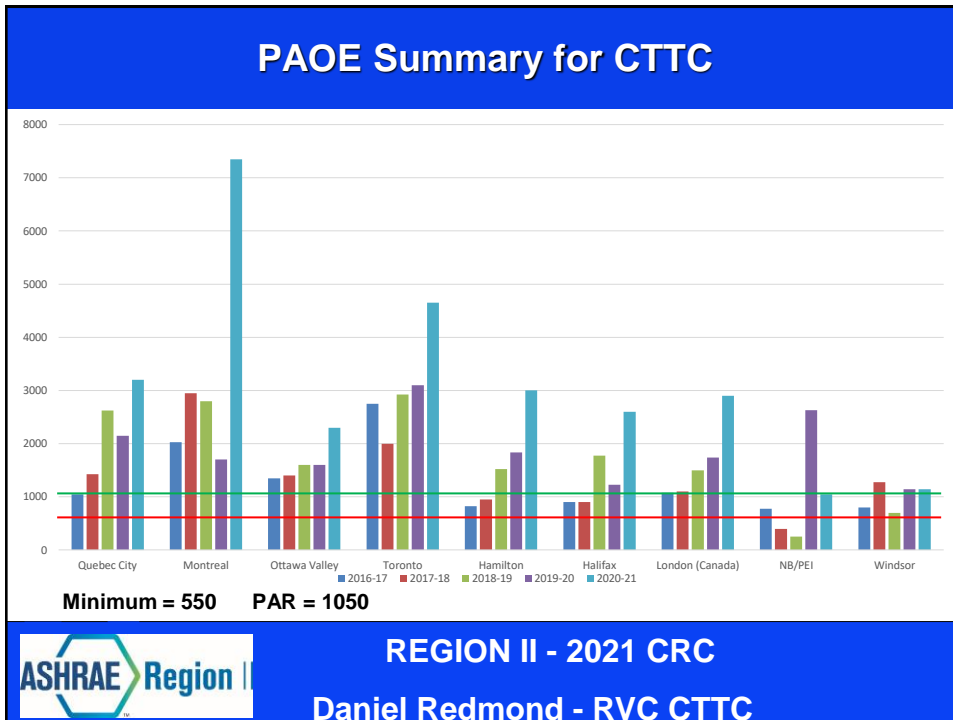
Chapter	2016-17	2017-18	2018-19	2019-20	2020-21	Change
Quebec City	1050	1425	2625	2150	3200	49%
Montreal	2025	2950	2800	1702	7350	332%
Ottawa Valley	1350	1400	1600	1598	2300	44%
Toronto	2750	2000	2925	3098	4650	50%
Hamilton	825	950	1525	1834	3000	64%
Halifax	900	900	1775	1225	2600	112%
London (Canada)	1075	1100	1500	1740	2900	67%
NB/PEI	775	400	250	2628	1050	-60%
Windsor	800	1275	700	1141	1145	0%

(min 550, Par 1050)



REGION II - 2021 CRC
Daniel Redmond - RVC CTTC

2



3

DL Program

- **2020-2021:**
 - 0/10 allocated visits used (due to pandemic)
 - 28 non-allocated visits used!!!
 - 280 total non-allocated visits across Society
 - Region II made more use of DL program than any other region
 - DL travel restrictions – all presentations moved online
- **2021-2022:**
 - 9 allocated visits
 - Down from 10 in 19-20 and 20-21
 - Fall 2021 plan for virtual presentations)

REGION II - 2021 CRC

Daniel Redmond - RVC CTTC

4

Technology Awards 2020

2019-20:

- 5 Technology Awards entered into Regional competition
 - Montreal (2), Toronto, Hamilton, Halifax
- 3 Technology Awards entered into Society competition
 - First Place
 - Dalhousie IDEA and Design Buildings**
 - Aaron Smith, Denis Morris and Andrew Bartlett (Halifax), Category II – Educational Facilities, New



REGION II - 2021 CRC
Daniel Redmond - RVC CTTC

5

Technology Awards 2021

2020-21:

- 8 Technology Awards entered into Regional competition

Submission	Submitted By	Chapter	Category	Result
SEPAQ Parc national du mont Tremblant Discovery Center	Martin Roy	Montreal	Other Institutional - New	First Place
MEC Vancouver Store	Roland Charneux	Montreal	Commercial Buildings, New	First Place
Mitchell House Residence	Massinissa Ourtirane	Montreal	Residential	First Place
Glencore - CCR Refinery	Louis Cavanagh	Montreal	Industrial Facilities or Processes, Existing	First Place
Centre de services scolaire Marguerite-Bourgeoys	Antoine Courchesne-Tardif	Montreal	Educational Facilities, Existing	First Place
Efficient Indoor Farming - Lyonleaf	Daniel Robert & Simon Kattoura	Montreal	Industrial Facilities or Processes, New	First Place
Batawa Shoe Factory	Conor Caulwell	Toronto	Commercial Buildings, Existing	First Place
Lakeridge Health	Guillaume Lavallee	Toronto	Health Care Facilities, Existing	First Place

- Deadline for submitting documents to RVC for Society competition is
August 23rd



REGION II - 2021 CRC
Daniel Redmond - RVC CTTC

6

Chapter Visits and Chapter Visit Highlights

- RVC visited 1 of 9 chapters this year
- Still to visit other chapters in 2021-22



REGION II - 2021 CRC
Daniel Redmond - RVC CTTC

7

CTTC Highlights of 2020-2021

- All chapters met par for PAOE
- Outstanding use of the DL Program
- Solid Technology Awards Program
- Perseverance amidst COVID-19



REGION II - 2021 CRC
Daniel Redmond - RVC CTTC

8

Looking Ahead for 2021-2022

2021-22

- Fall programs are planned to be virtual
- Continue Technology Award success
- Planning for additional Region II CTTC meetings
 - Increase frequency of reporting
 - Collaborate and share success stories



REGION II - 2021 CRC
Daniel Redmond - RVC CTTC

9

CTTC Workshop

- Workshop held on Wednesday August 11th
- 8 of 9 chapters attended (including chapter chairs and co-chairs)
- Goal setting sessions ongoing

Without effective CTTC Chairs, **the Society fails.**

If we can't get people to a meeting in a well lit, comfortable location; with an engaging, easily understandable speaker; to hear a timely topic of broad interest; with a quality meal; and in a convenient location....they won't stay in ASHRAE nor encourage their colleagues to (MP fails); they won't donate to research (RP fails); they won't encourage students or young engineers to participate (oops there go Student Activities and YEA).

You get the point?

We, in the CTTC business, are Society's contacts to the membership. ***WE make the first impression.***



REGION II - 2021 CRC
Daniel Redmond - RVC CTTC

10

ASHRAE Region 2 Research Promotion

RVC: Ibrahim Semhat

Activity Report Year 2020-2021



REGION II - 2021 CRC
Ibrahim Semhat - RVC RP



1

PAOE Summary (MIN 800 / PAR 1050)

Chapter	PAOE 2018/19	PAOE 2019/20	PAOE 2020/21
Quebec	4408	1298	1455
Montreal	1625	1110	2535
Ottawa Valley	3132	1140	945
Toronto	1480	2840	1115
Hamilton	1430	1015	745
Halifax	2549	1405	2861
London (Canada)	1156	1073	1055
NB/PEI	2817	810	267
Windsor	3840	4920	6127



REGION II - 2021 CRC
Ibrahim Semhat - RVC RP



2

Chapter Visits and Chapter Visit Highlights

Physical Visits:

1. None. ☹️

Virtual Visits:

1. Hamilton Chapter RP Night.
2. London Chapter RP Night.
3. Windsor Chapter RP Night.



REGION II - 2021 CRC
Ibrahim Semhat - RVC RP



3

Chapter Special Recognition

1. There were many chapters which pushed through Covid-19 pandemic year: Montreal, Halifax & Windsor chapters exceeded their RP goal.
2. Francis Lacharite, Nathan Cook and Jason Leadbetter had the best communication with Society Staff and RVC.
3. Windsor Chapter scored **6127** RP PAOE points, Halifax and Montreal Chapters scored **2861** and **2535** RP PAOE points respectively.



REGION II - 2021 CRC
Ibrahim Semhat - RVC RP



4

New items implemented during the year:

1. Vast Efforts motivating chapters to not "give in" to Covid downturn.
2. Utilizing Basecamp for RP Committee planning & communication.
3. RP RVC pushing Society to have a Canadian "landing page" on the RP website to have a page focused on RP in Canada, but making little/slow progress.



REGION II - 2021 CRC
Ibrahim Semhat - RVC RP



5

Things you are the most proud of:

1. Chapters that were able to keep up good spirits during the Covid downturn, I specifically noticed: Montreal, Halifax, Toronto and Windsor.
2. High participation of chapter RP chairs at our last CRC and CT sessions.



REGION II - 2021 CRC
Ibrahim Semhat - RVC RP



6

What about next year 2021-2022?

1. Continue to motivate RP Chairs & Chapters to meet and/or exceed RP goals during the ongoing COVID-19 Pandemic.
2. Work with Society on RP Canada landing page on RP website
3. Collaborate with Society & Chapters to enhance the RP donations in Canadian funds to be recognized.
4. Work on improving communication with RP Chairs & Chapters.
5. Continue to utilize Basecamp to drive Region II RP campaign and schedule.




REGION II - 2021 CRC
Ibrahim Semhat - RVC RP




ASHRAE Region II Student Activities

RVC (rolling off): Mai Anh Dao
RVC (incoming): Elizabeth Primeau

Activity Report Year 2020-2021



REGION II - 2021 CRC
Elizabeth Primeau- RVC SA




1

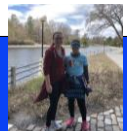
PAOE Summary for Student Activities

	2017-2018	2018-2019	2019-2020	2020-2021
QUEBEC	3314	3282	3625	1147
MONTREAL	4322	5159	3901	3440
OTTAWA VALLEY	830	1395	1540	1250
TORONTO	3382	3433	4084	2950
HAMILTON	1340	1436	2053	960
HALIFAX	620	439	1425	340
LONDON (CANADA)	773	625	1000	1150
NB/PEI	300	575	250	200
WINDSOR	660	660	1155	820

PAR = 800
Min = 300

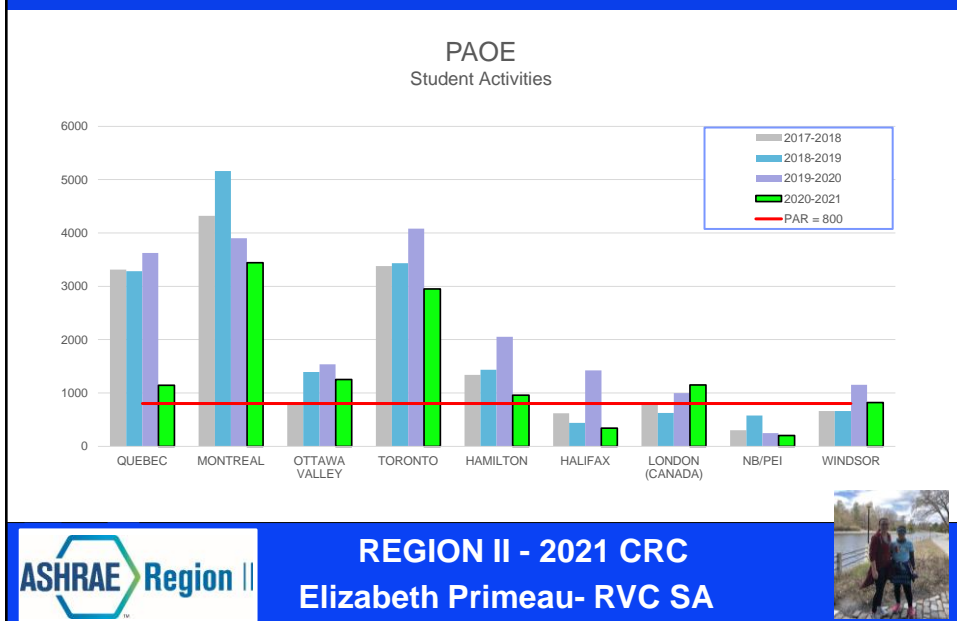


REGION II - 2021 CRC
Elizabeth Primeau- RVC SA



2

PAOE Summary for Student Activities



3

Chapter Visits and Chapter Visit Highlights

Visits and Highlights

1. Visits:

2021 Toronto Chapter – Annual Virtual Student Branch meeting

2. Highlights:

- All student branch leaders of TO chapter were invited to the zoom meeting.
- Amazing exchange between the students and Toronto SA Chair and co-Chair. The students really appreciate Kajen's work. Many of them thanked him during the call.



REGION II - 2021 CRC
Elizabeth Primeau- RVC SA



4

Things you are the most proud of:

1. Very close to be on PAR (7 out of 9 chapters)
2. The collaborative environment and collective effort of all chapters of Region II in order to make the Virtual Career Fair happen was out of this world. OUTSTANDING !!



REGION II - 2021 CRC
Elizabeth Primeau- RVC SA



5

What about next year 2021-2022?

1. Focus on increasing number of student members. Goal of 15% increase from last year
2. Would like to see Chapters try for the K-12 Leadership Award. Goal to award 2 of these at next year's CRC



REGION II - 2021 CRC
Elizabeth Primeau- RVC SA



6

ASHRAE Region 2 YEA

RVC : Alekhya Kaianathbhatta

Activity Report Year 2020-2021



REGION II - 2021 CRC
Alekhya Kaianathbhatta – RVC YEA



1

PAOE Summary for YEA

Chapter code	Chapter name	Chapter AAM	2019-2020	2020-2021
13	QUEBEC	163	1225	875
14	MONTREAL	534	1500	1375
15	OTTAWA VALLEY	411	1425	975
16	TORONTO	1079	2625	3275
37	HAMILTON	281	1100	1250
100	HALIFAX	193	1025	1075
116	LONDON (CANADA)	127	1000	1050
117	NB/PEI	150	1025	825
141	WINDSOR	63	1200	975

Minimum 300; PAR 800



REGION II - 2021 CRC
Alekhya Kaianathbhatta – RVC YEA



2

Chapter Visits and Chapter Visit Highlights

Chapter Highlights (did not get to attend many meetings ☹)

- **Halifax**
 - online trivia (4 teams of 4) winner got \$200 in gift cards - companies used it as a time to do some team building
- **Montreal**
 - Virtual site visit of an energy efficient building downtown Montreal
- **Hamilton**
 - virtual trivia night
- **Windsor**
 - held 2 stand alone yea events
- **Toronto**
 - 1 virtual event held with Ralph
 - 3 people attended yea leadership international
 - 5 yea members nominated for society awards
 - partnered with TRIEC (Toronto Region Immigration Employment Council) to help new immigrants in the HVAC industry integrate into ASHRAE.



REGION II - 2021 CRC
Alekhya Kaianathbhatta – RVC YEA



3

Chapter Special Recognition

1. Extremely proud of all the chairs for meeting and exceeding par in a year full of uncertainty and for keeping YEA events going.
2. Most chairs were very interactive and kept me in the loop.
3. These chapters were able to get more PAOE points this year than last.
 - a) Toronto
 - b) Hamilton
 - c) London
 - d) Halifax



REGION II - 2021 CRC
Alekhya Kaianathbhatta – RVC YEA



4

New items implemented during the year:

1. Events where members from different chapters were invited to attend and participate.
2. Innovative ideas such as virtual trivial, virtual building tours and having combined events with SA and other committees.



REGION II - 2021 CRC
Alekhya Kaianathbhatta – RVC YEA



5

Things you are the most proud of:

Individual award of Excellence

1. Nissun Feiner (Toronto Chapter)

YEA Developing Leader Award

1. Alekhya Kaianathbhatta (Toronto Chapter)
2. Badri Patel (Toronto Chapter)

HVAC Scholarship

1. Kajen Ethiveerasingham (Toronto Chapter)
2. Aaditya Patel (Ottawa Valley Chapter)



REGION II - 2021 CRC
Alekhya Kaianathbhatta – RVC YEA



6

What about next year 2021-2022?

1. Focus on building a strong foundation of YEA members within the chapter
2. Promote society awards/scholarships within region 2
 - a) I would like all chapter presidents to nominate a minimum of 1 person from your chapter to a society YEA award
3. Promote young professionals involvement in technical committees.
4. Attend a minimum of 1 event hosted by each chapter.



REGION II - 2021 CRC
Alekhya Kaianathbhatta – RVC YEA



ASHRAE Region 2 Communication Committee (CC)

RVC: Tom Pollard

Activity Report Year 2020-2021





REGION II - 2021 CRC


Tom Pollard - RVC CC

1

PAOE Summary for Communications

Chapter	PAOE 2018/19		PAOE 2019/20		PAOE 2020/21	
		change		change	change	rank
Toronto	1174	+38	665	-509	1765	+1100 1/9
Halifax	324	-28	881	+557	1550	+669 2/9
Hamilton	310	+183	1155	+845	1360	+205 3/9
Ottawa Valley	725	+75	1001	+276	1100	+99 4/9
Montreal	490	-153	850	+360	1055	+205 5/9
London (Canada)	795	+120	975	+180	995	+20 6/9
Windsor	574	-29	745	+171	850	+105 7/9
Quebec	611	-59	674	+63	830	+156 8/9
NB/PEI	330	+230	500	+170	830	+330 9/9

Minimum = 300 PAR = 600



REGION II - 2021 CRC

Tom Pollard - RVC CC

2

Chapter Visits and Highlights

2020/2021 No Visits – due to covid travel restrictions

Highlights

ALL Chapters increase PAOE Communication points !!!!

Chapters using more social media

Forwarded items for Chapter to use on web sites and newsletters
from Society Marketing and Communication Committee

Communication Committee has guidance documents and webcasts on topics.



REGION II - 2021 CRC
Tom Pollard - RVC CC

3

Communications Chapter Special Recognition

Toronto Chapter

Very good updates

to website, newsletter and meeting notices

Have a large group working on communications



REGION II - 2021 CRC
Tom Pollard - RVC CC

4

New items implemented during the year:

1. Engage with Communication Chairs (webmasters, newsletter editors)
2. Forward items from Society and Communication Committee
3. Promote use of Society for arranging access to GoToMeeting (and Chapters can use guideline by Communication Committee)
4. Promote Chapter Board Members use of Basecamp
5. Check Chapter web sites for compliance with Society guidelines (and get chapters to adjust)
6. End of year reports – asked for reports (received 7/9)



REGION II - 2021 CRC
Tom Pollard - RVC CC

5

Things you are the most proud of:

1. PAOE points increase by ALL Chapters.
2. Chapters to continue using social media in addition to newsletters, emails and website.
3. Separate Communication Workshop – started in 2019/2020 and continued this year

2021 workshop: 8/9 chapters, 13 attendees + RVC

5 Comm Chairs, 4 News Editors, 6 Webmasters

(with some holding more than 1 chair position)

2020 workshop: 7/9 chapters, 10 attendees + RVC



REGION II - 2021 CRC
Tom Pollard - RVC CC

6

What about next year 2020-2021?

1. Separate Communication Workshop in Aug 2021 - **COMPLETED**
2. Offer mid year Zoom or GoToMeetings with Chapter Chairs
3. Have chapters promote Presidential Theme

Personal Growth. Global Impact. Feed the Roots.

4. Continue to send out email reminders and ideas with items
and to ensure PAOE are updated mid year (Oct, Jan, Mar, June)
*** mid year and final reports will be needed for RVC PAOE



REGION II - 2021 CRC
Tom Pollard - RVC CC

APPENDIX – G

2020 CRC REPORT

No expenses

as meeting was held as a virtual meeting
(due to COVID)

ASHRAE REGION II

ANNUAL FINANCIAL SUMMARY REPORT

Period: July 1st, 2020 - June 30th, 2021

DESCRIPTION	CREDIT	DEBIT	BALANCE
Opening balance for this period			39 236,03
INCOMES:			
Chapter's Opportunity Fund			
2019 CRC Revenues			
Regional Funds dues/Chapters Assessment Dues	20 930,00		
Bank Refund	68,51		
Expenses Reimbursement	150,00		
Total Incomes:	20 998,51		60234,54
EXPENSES:			
Travel and expenses Society meeting		0,00	
CRC Seed Money 2019-2020		0,00	
Planning Meeting			
Bank Service Charges		112,40	
Yea + YLWWeek-End expenses reimbursement + LEADRS		0,00	
CRC Expenses		0,00	
Other expenses (Career Fair)		7881,86	
Total Expenses:		7 994,26	
CLOSING BALANCE: June 30th 2021			52 240,28
Accounts Payable+ Cheques in circulation			0,00
TD Account Balance as of June 30/2021			
Accounts Receivable			
REGIONAL FUND invoices			

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: August 14th, 2021

Audit By: _____

Date: _____

ANNUAL FINANCIAL REPORT

ASHRAE REGIONAL II FUND

CRC 2021 Region II, Québec, Québec

August 2021

This report is to summarize the activities during the above financial period 2020/21 for the Region II Fund.

The chapter's dues invoices were based on \$0.00/per member and the previous year's member count, and \$ 0.00/ per member for the Regional Fund.

When we deduct the total expenses of \$ 7994,26 on the revenue, the final closing balance is \$ 52 240,28 at the end of June 2021.

At closing time, there was receivable of \$ 4367,20 and a payable of \$ 0.00.

There is also an amount of \$ 802,49 in our TD account.

This report is forwarded to the next CRC host chapter in 2022 to be audited. After approval, the signed copy should be return to the Regional Treasury for records.

Prepared and submitted by: _____ Date: 21/08/16

Yves Trudel,

Audited and approved by: _____ Date: _____

Please return a signed copy after the approval.

ASHRAE - REGION II
Budget 2021/2022

DESCRIPTION	CREDIT	DEBIT	BALANCE	YTD	2020/2021
REVENUES:					
Chapter's Opportunity Fund					
Chapters Assessment Dues (1507 X \$6)	\$9,042				9,042.00 \$
Regional Funds Dues 1507 X \$11)	\$16,577				16,577.00 \$
2020 CRC Surplus (virtual)					
Career fair	\$6,000				6,000.00 \$
Regional Insurance					
Regional Dinner Profit					
TOTAL REVENUES	\$31,619			- \$	31,619.00 \$
EXPENSES:					
Travel and Expenses Society Winter Meeting		\$7,500			7,500.00 \$
Travel and Expenses Society Annual Meeting		\$9,750			9,750.00 \$
DRC/RMCR CRC Registration and lodging		\$0			- \$
RMCR Hotel Re-Imbursement (Both Society Meetings)		\$2,500			2,500.00 \$
CRC Seed Money 2020-2021		\$9,042			9,042.00 \$
Regional Award Plaques		\$750			750.00 \$
Planning Meeting		\$600			600.00 \$
CRC Chapter support		\$3,000			3,000.00 \$
LEADRS Expenses		\$3,000			3,000.00 \$
Yea Weekend Expenses		\$2,200			2,200.00 \$
Opportunity Fund					
Other Travel Expenses (not covered by society or chapter)		\$750			750.00 \$
Misc. Expenses (bank charge, shipment, postage)		\$500			500.00 \$
Career Fair		\$8,000			8,000.00 \$
TOTAL EXPENSES		\$47,592		- \$	47,592.00 \$
NET BUDGET BALANCE		(\$15,973)		- \$	(15,973.00) \$



ASHRAE Leadership Presentation

Don Brandt VP

8/19/2021

Region 2 CRC Virtual

1

ASHRAE Policies



Code of Ethics

"We will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interest."

Sexual Harassment

ASHRAE is committed to educating members to eliminate all instances of sexual harassment. The Society will deploy an online training program for volunteers to help educate and protect all members, and to sustain the professional environment members deserve and expect. This training will be required prior to serving on certain standing committees and/or in leadership positions.
ashrae.org/about/governance/ashrae-discrimination-and-harassment-policy

Commercialism

ASHRAE's Commercialism Policy allows for Society activities that fulfill the mission of technological advancement with adherence to business plans that generate income to offset operational expenses such as AHR Exposition, ASHRAE periodicals, website, and Society conference events such as the Welcome Party, luncheons, registration kits, and receptions.
ashrae.org/commercialism

View ASHRAE Governing Documents at ashrae.org/about/governance

2

Memoranda of Understanding (MOUs)



U.S. Department of Homeland
Security Science and
Technology Directorate
February 2021



National Air Filtration
Association
March 2021



United Nations
Environment Programme
April 2021



Federation of
European Heating,
Ventilation and Air
Conditioning
Associations
May 2021



International Ultraviolet
Association
May 2021



Australian Institute of
Refrigeration, Air
Conditioning and Heating
June 2021

Learn more at ashrae.org/mous

3

Financial Impact of COVID-19



- Although the pandemic economy and loss of the 2021 AHR Expo income strained ASHRAE's budget significantly, we are excited to get back on track financially, and looking forward to the 2022 AHR Expo in Las Vegas.
- Membership levels have been impacted but are down less than predicted at the start of SY 2020-21.
- ASHRAE secured two Payroll Protection Program loans to help offset some of the losses from operational income. We received forgiveness for the first loan and 2nd Loan.**
- Staff expenses have been reduced, including the downsizing staff from 120 to 110 FTE.

Member Assistance

Due to the financial impact of the COVID-19 pandemic members have experienced, ASHRAE is **not increasing member dues** for the 2020-2021 Society Year.

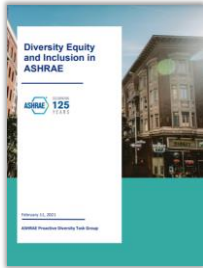
MCO 3.15 Hardship Cases and Natural Disaster Relief Action. 3.15.1 Hardship Cases

Members Council is responsible for determining what constitutes a hardship case and providing guidance to staff for determination of special consideration with respect to dues and other member benefits. Issues not covered by this guidance shall be ruled on by the chair of Members Council in consultation with staff. For more information, contact membership@ashrae.org.

4

Diversity, Equity, & Inclusion (DEI) in ASHRAE

BOD Subcommittee created by the Board January 2021



Purpose of the BOD DEI Subcommittee:

To advise and engage the Board of Directors on:

- All matters relating to diversity, equity and inclusion - with a view to improving organizational awareness and performance in these areas amongst both staff and the Society membership
- The establishment of annual budgets for DEI program and ongoing initiatives
- The prioritization of inclusivity issues which have relevance to ASHRAE, together with plans for addressing these issues

Download the Report

ashrae.org/DiversityEquityInclusion

The BOD DEI Subcommittee was recently approved as a new subcommittee to the Board.

Members of the BOD DEI Subcommittee

Andres Sepulveda (Chair); Adrienne Thomle (Vice Chair); Devin Abellon; Robin Bryant; Art Giesler; Eileen Jensen; Kishor Khankari; Tanisha Meyers-Lisle; Dunstan Macauley; Richie Mittal; Farooq Mehboob (Consultant); Steven Sill



5

Society Updates



Approved By Laws Change: Full Member

ASHRAE Membership voted to approve changing the title of 'Member' grade to 'Full Member' grade to differentiate between those who have provided necessary education and professional background information to the Society in order to qualify as a Full Member grade.

Request to Advance to Full Member Grade

Associate and Affiliate members may request to advance to Full Member grade by updating their membership bio in their ashrae.org profile and notifying membership@ashrae.org.



View the 20-21 Society Snapshot at ashrae.org/about/society-snapshot

6

Task Force for Building Decarbonization & Vision 2030



TFBD Needs Your Input

- What outcome, finished products, or tools do you as ASHRAE members need from this group?
- What educational or training products do you need to assist your understanding of above? Timeframe?
- Are there different needs from above, for the Chapters/Regions?
- What metrics should be used in the carbon design process?

View ashrae.org/decarb and email Your Suggestions to decarb@ashrae.org

Goal of Vision 2030

To lead, serve, and provide all professionals in the buildings industry with the resources and knowledge to continually drive the innovative and strategic improvements needed during the revolution of the built environment.

Sheila Hayter, chair	Tom Phoenix, vice chair
Bruce Branscum	Tim McGinn
Robin Bryant	Francis Mills
Jayson Bursill	Dan Nall
Michael Cooper	Lan Chi Nguyen Weekes
Dru Crawley	Joe Norowratzky
Chris Gray	Drew Perrin
William MacGowan	Chandra Sekhar
Manish Sharma	Jiri Skopek

To learn more, visit ashrae.org/decarb and ashrae.org/vision2030

7

Nominations Needed!



Committee Nominations

- Due mid-February. Council, RAC, TAC, Standards and Handbook nominations are due mid-September.
- Speak with your committee ExO if your current appointment ends in June and you wish to be nominated for another committee.

ashrae.org/committee-nominations

Honors & Awards Nominations

ASHRAE's awards fall into one of six categories:

- Personal Honors
- Personal Awards for General & Specific Society Activities
- Paper Awards
- Society Awards to Groups or Chapters
- Chapter and Regional Awards

ashrae.org/honorsandawards

ASHRAE Technical Committees (TCs) at ashrae.org/communities

8



New Global Headquarters



180 Technology Parkway NW
Peachtree Corners, GA 30092



ASHRAE has officially moved into a renovated **66,700 ft² building**, originally built in 1978.



Over \$10.3M in monetary and in-kind support was received from generous stakeholders to support this renovation project.



Grand opening plans are underway for **Nov. 2021** and the event will be **live streamed** for **ASHRAE members**.



PV system installation to be completed soon to drive **NZE** performance.

See the video tour, photos, building technical features and our generous sponsors at ashrae.org/newhq

9



Epidemic Task Force (ETF)

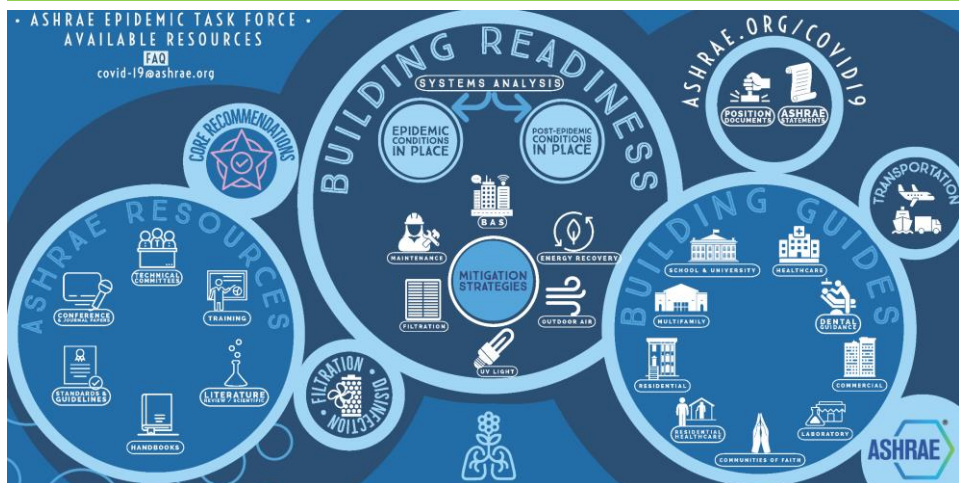
Continues to provide COVID-19 related resources, making ASHRAE a trusted source of critical guidance during the pandemic.

ashrae.org/covid19 averages more than **40,000 views per month!**



Clickable infographic for easy navigation, FAQ's and free resources

ashrae.org/covid19



10

Membership & Communities



Your Benefits ashrae.org/membership

New Member Benefit Selection Effective Society Year 2021-22



Full dues paying Full and Associate Members joining or renewing into SY 21-22 may select from the following complimentary annual member benefits:

- ✓ ASHRAE eLearning Course
- ✓ ASHRAE Standard (PDF)
- ✓ ASHRAE Handbook (PDF)

Members can add a Handbook Online subscription or printed copy of the Handbook for an additional fee.



50,000+ Society Members including **5,200+** Student Members



15 Regions with **199** Chapters and **400+** Active Student Branches



Connect-A-Colleague

Quickly invite peers to join ASHRAE and participate in committees using a pre-written email invitation at ashrae.org/connect

Your Community ashrae.org/communities

11

ASHRAE Support



Research Promotion (RP)

The Research Promotion campaign supports ASHRAE Research, Education, YEA programs, Scholarships, Endowed Funds, and the RP General Fund.

★ **Thank You** to all the **donors and volunteers** for your support during this challenging year.

Society Year 2019-2020 total raised: **\$2,117,677**

- **\$1,635,596** in contributions for Research
- **\$277,720** for ASHRAE Foundation
- **\$170,596** for Scholarships
- **\$33,765** for General Fund, YEA, and Education

ASHRAE Foundation Grants & Scholarships

The ASHRAE Foundation is an endowed trust that provides funding for professional development and research programs, supplies qualified engineering students with much needed scholarship assistance, and provides grants to help support the Society's vital work.

SY 2021-22

33

Society Scholarships totaling \$152,000

24

Chapter-Awarded Scholarships totaling \$52,000

ASHRAE awards \$450,000 in scholarships each year!!

Donate, Volunteer, Apply, and Learn More at
ashrae.org/support

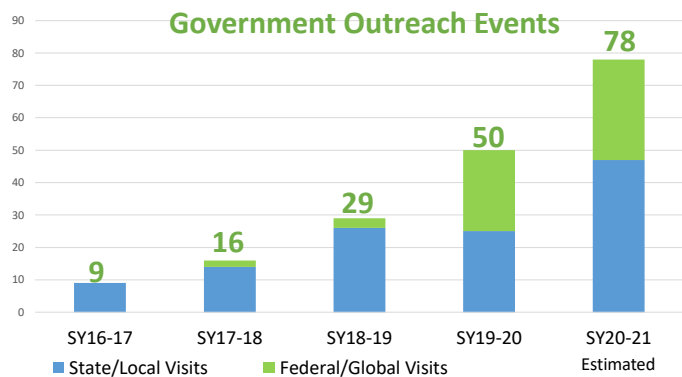
12

Government Affairs



ASHRAE Government Affairs program works to establish ASHRAE as a leading source of trusted expertise for policy-makers in the development of legislation and regulations affecting the public and HVAC&R industry.

- **Government Affairs Update** bi-weekly newsletter provides updates on government activities. Subscribe online or by emailing GovAffairs@ashrae.org.
- **Government Outreach Events** connecting ASHRAE volunteers with policy makers.
- Briefings & Testimony, Regulatory Meetings, Hearings, and Comments. **Letters** related to public policy priorities.



Get Involved + Get Resources
ashrae.org/government-affairs

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Professional Development



eLearning
 Convenient, on-demand courses for individuals or groups.

90+ online courses starting at **\$42** for members.

Group Rates Available

Updated Course Catalog:
elearningcatalog.ashrae.org



ASHRAE Learning Institute (ALI)
 Instructor-led courses in a variety of formats.

New Virtual HVAC Design Courses
 Live, Instructor-led

- Level I – Essentials
- Level II – Applications

New 2021 Instructor-led Online Series
ashrae.org/onlinecourses

Courses Available for ASHRAE Chapter, and In-Company Presentations.

Certification
 Validate and promote your expertise via online examination and digital badging.

Building Design

- Energy Modeling (BEMP)
- Healthcare Facility Design (HFDP)
- High-Performance Building Design (HBDP)
- HVAC Design (CHD)

Building Performance

- Commissioning (BCxP)
- Energy Assessment (BEAP)

Building Operations

- Operations & Performance Maintenance (OPMP)

ashrae.org/professional-development

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New Initiatives from President Mick Schwedler



Learning Pathways

- HVAC Design - Basics
- Pathogen Mitigation

ASHRAE Learning Pathways provide a way for professionals in HVAC&R to organize and plan their professional development through topical groupings of educational resources. The initial pathways, **HVAC Design - Basics** and **Pathogen Mitigation**, will be joined by new pathways in the coming months.

Member to Member Connection Videos with Mick Schwedler

New monthly video series, fireside chat style, featuring guests and a variety of topics relevant to ASHRAE members. Watch now at ashrae.org/president and ASHRAE social media channels.



Watch Mick's Presidential Address Video: Personal Growth. Global Impact. Feed the Roots.



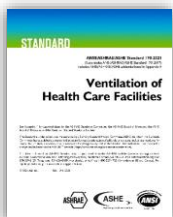
ashrae.org/president

15

Publications and Standards



Recently published items available at ashrae.org/bookstore



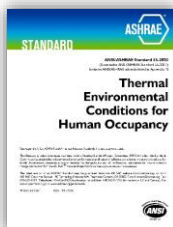
Standard 170-2021
Ventilation of Health Care Facilities (ANSI Approved; ASHRAE Co-sponsored)



Standard 90.1 User's Manual
Based on ANSI/ASHRAE/IES Standard 90.1-2019



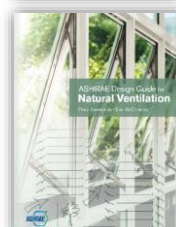
Duct Systems Design Guide



Standard 55-2020
Thermal Environmental Conditions for Human Occupancy (ANSI Approved)



Standard 62.1 User's Manual
Based on ANSI/ASHRAE Standard 62.1-2019, Ventilation for Acceptable Indoor Air Quality



ASHRAE Design Guide for Natural Ventilation

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Resources



ASHRAE Technology Portal	Provides a one-stop location for ASHRAE papers, articles, reports, Handbook PDFs, and seminar recordings.
Online Standards Database	Allows access to public review drafts for standards, guidelines, and addenda to submit comments, to do online balloting, and to submit proposals to standards and guidelines.
Zero Energy Advanced Energy Design Guides (AEDG)	Are available for free download: offices and K-12 schools. Multifamily AEDG available early 2021.
Science and Technology for the Built Environment	Provides free online access to archival research publication offering comprehensive reporting of original research.
ASHRAE Technical Apps	Deliver mobile design, calculation, and analysis tools to the palm of your hand.
Free Technical Resources	Offer downloads of a variety of well-known resources to everyone.
ASHRAE 365	Updates on all things ASHRAE, for free and year-round.

Find these resources and many more at [ashrae.org](https://www.ashrae.org)



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ASHRAE Topical Conferences



SEP 2021	AHR Mexico Sep 21 – 23, 2021 Monterrey, N.L. Mexico
NOV 2021	2021 ASHRAE Building Performance Analysis Conference Nov 10 – 12, 2021 Denver, CO
MAY 2022	IAQ 2020: Indoor Environmental Quality Performance Approaches May 4-6, 2022 Athens, Greece
JUN 2022	Ventilation 2022: 13th International Industrial Ventilation Conference For Contaminant Control Jun 22 – 24, 2022 Toronto, Canada
OCT 2022	The Fifth International Conference on Efficient Building Design Oct 20–21, 2022 Beirut, Lebanon



[ashrae.org/conferences](https://www.ashrae.org/conferences)



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2022 ASHRAE Winter Conference & AHR Expo



We're looking forward to
reconvening in-person!



2022 ASHRAE Winter Conference
January 29–February 2, 2022 | Las Vegas,
Nevada

AHR Expo
Jan. 31–Feb. 2, 2022 | Las Vegas
Convention Center

Registration opens September 2021
ashrae.org/2022Winter



19



Questions or Comments?

20

Ideas for Streamlining Our Society



1



Shaping Tomorrow's
Built Environment Today

ashrae.org

For the past two years, BOD committees have been investigating opportunities to streamline our Society. There are many things that we do well, but in the ever-changing world of business, we need to be more strategic about our volunteers' time and the resources our members have entrusted to us, as we work towards a healthy and sustainable built environment for all.

Statement of the Issues:

- Board of Directors spends a lot of time on management issues, so no one is really making strategic decisions.
- Many ASHRAE publications are taking too long to come to market. We aren't considered a driving force in the industry.
- Decisions take too long- goes from committee to council to BOD and sometimes back to another council/ committee.

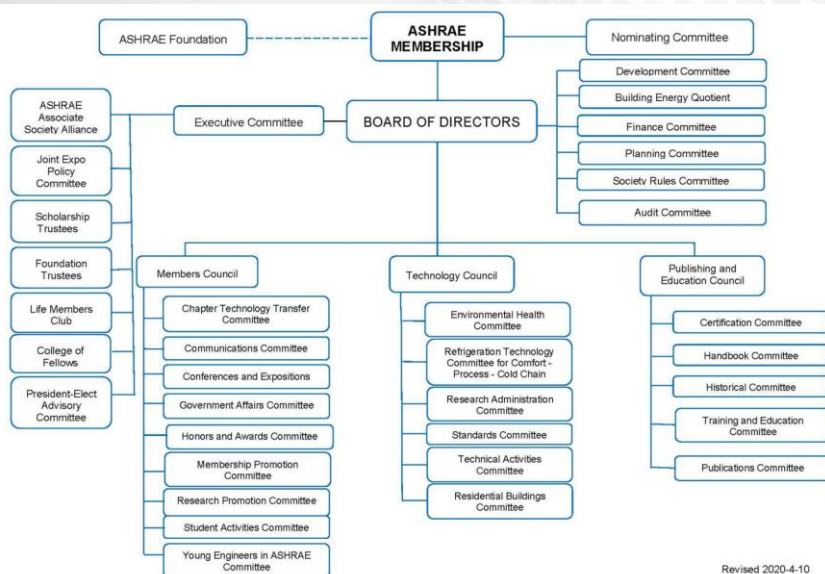
2

Guiding Principles of Streamlining Process:

- Make the Board of Directors more strategic
- Push decision making down into organization
- Reduce waste from Society operations while still delivering value to Members & Society
- Speed up decision making by removing silos
- Be market focused

3

Existing Organizational Chart



Revised 2020-4-10

4

Ideas for Regions/ Regional Representation:

- Option 1:
 - Keep the same number of Regions (15). Since the operational decisions will be made at the Council level, the DRC would sit on Members Council as a **"Regional Director."** The RMCR would actively help run the region as **"Assistant Regional Director."**
 - To ensure Grassroots representation on the Board, each Region will nominate a Candidate for **"Society Director"** through the caucus, and the Nominating Committee will recommend six nominees for service on the Board. These would be individuals with **strategic thinking skills.**
- Option 2:
 - Consider combining two or three regions together to create a super-region, similar to RAL structure. Each region becomes a sub-region and the super-region creates a larger infrastructure to do more business at the region level, instead of going all the way to the society level. This would be done to provide representation for all regions at the BOD.
- Option 3: What do you think?

5

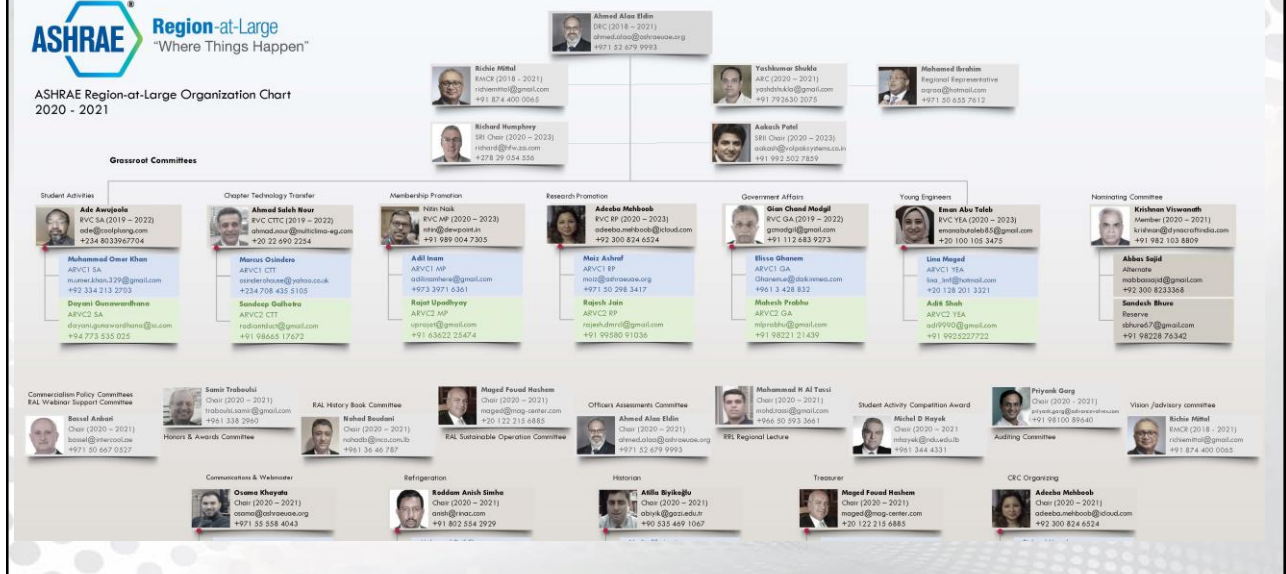
Formation of Super-Regions- What's in it for the Members:

- Larger Regions allow for more autonomy
- This would also create larger Regional committees to focus on regional issues, leading to increased efficiencies and faster decision making.
- Make decisions at a Regional level, not all the way up to Society level
- More leadership opportunities
- Publications/ products with a more Regional focus
- Employers might appreciate larger Regional focus for purposes of sales and/or business development

6



ASHRAE Region-at-Large Organization Chart
2020 - 2021



7

Conversation Starters: Questions to Chapter Presidents

- What would help you serve your Chapter members better?
- What should we stop requesting or doing?
- Is what we are doing now the most effective way to do things?
Meetings/ programs, trainings, networking?

Conversation Starters: Questions for RMCRs

- How do you share responsibilities for running the Region with your DRC- what do you like? What do you not like?
- What do you think of the idea of the RMCR being the Assistant DRC?

8



Lastly ...

YOUR VOICE IS IMPORTANT

THANK YOU



1

A large green tree with a thick trunk and a wide canopy, with its roots exposed and spreading across the bottom of the slide. The tree is positioned on the left side of the slide, and its roots extend horizontally across the bottom, symbolizing a strong foundation or 'feeding the roots'.

Personal Growth. Global Impact. *Feed the Roots.*

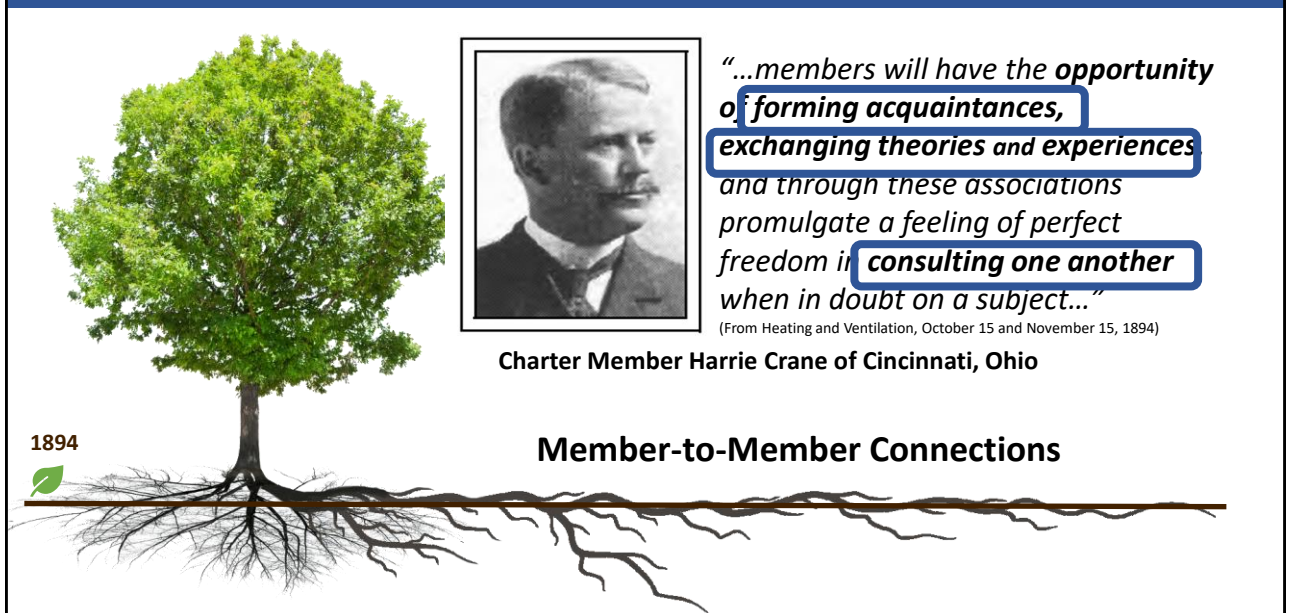
Mick Schwedler, P.E., LEED AP
2021-2022 ASHRAE Society President

The ASHRAE logo, which consists of the word "ASHRAE" in a bold, sans-serif font, with a stylized blue and green hexagon to its right.

2

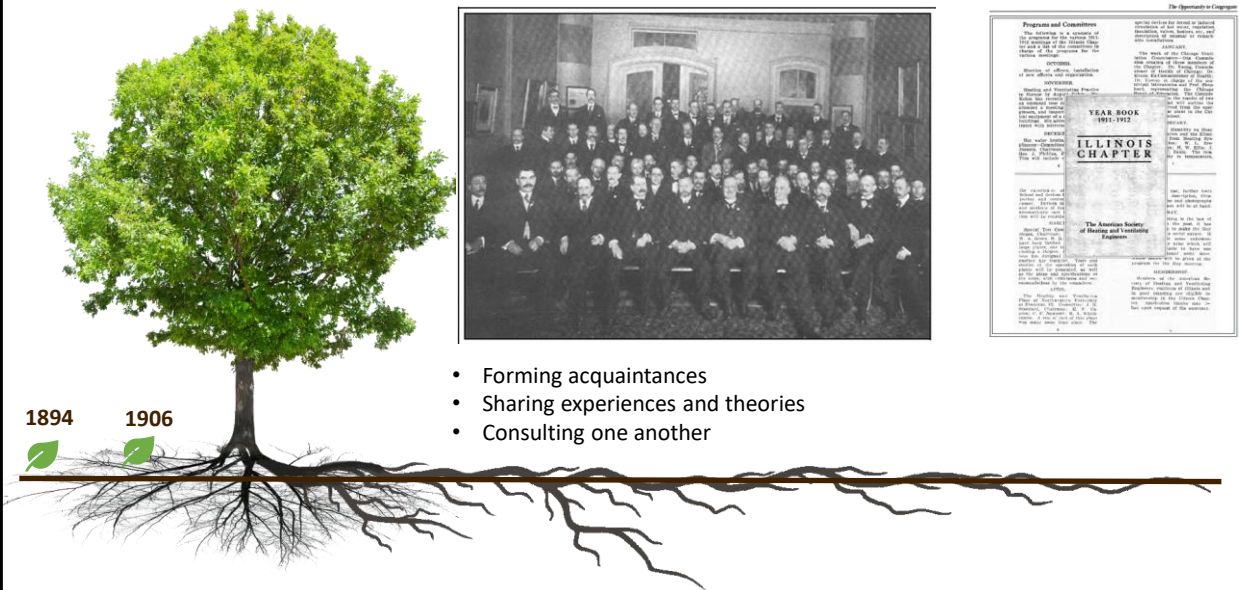


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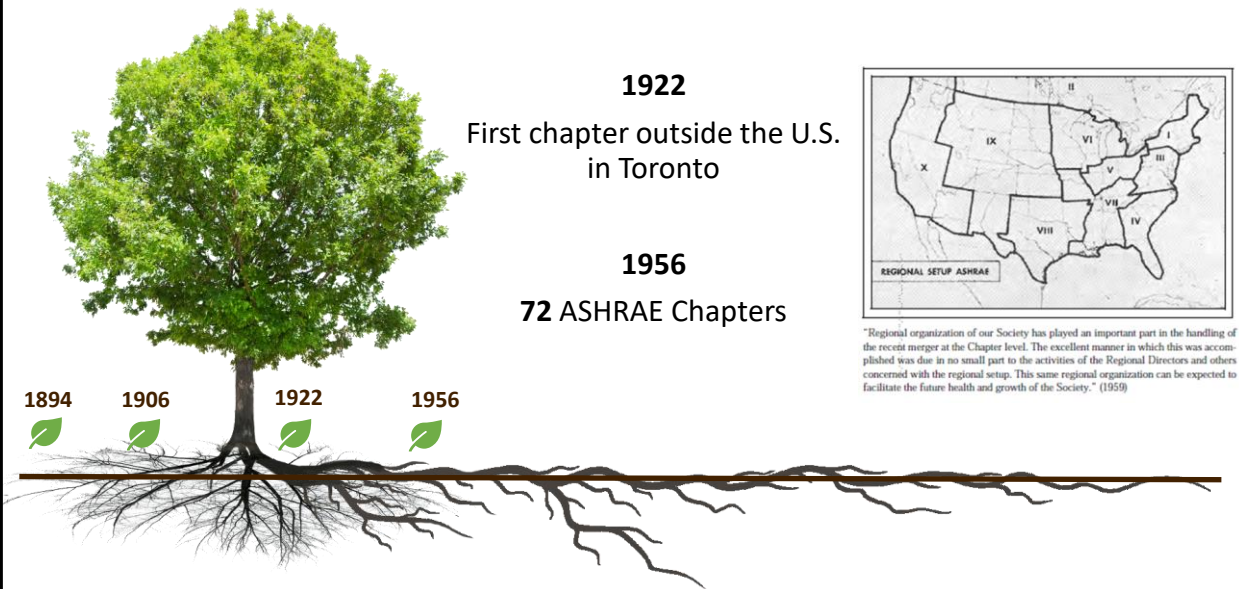
4

1906: Root Two – Chapters (Grassroots)



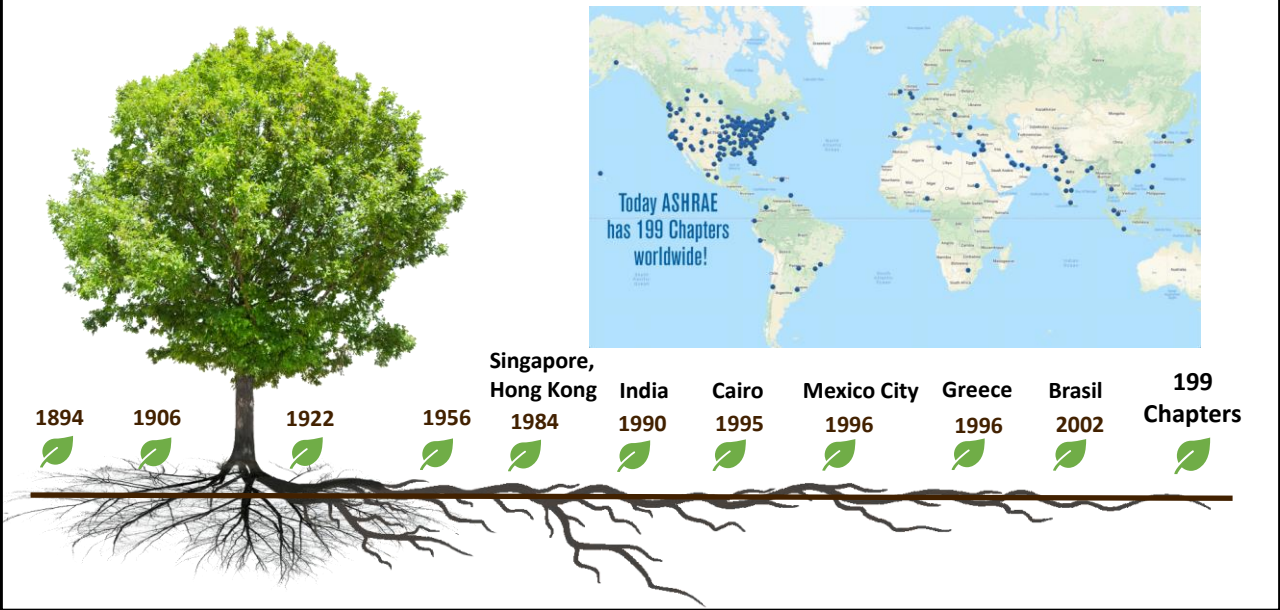
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1922 – 1956: Growth in North America



6

1984: ASHRAE Global Growth Commences



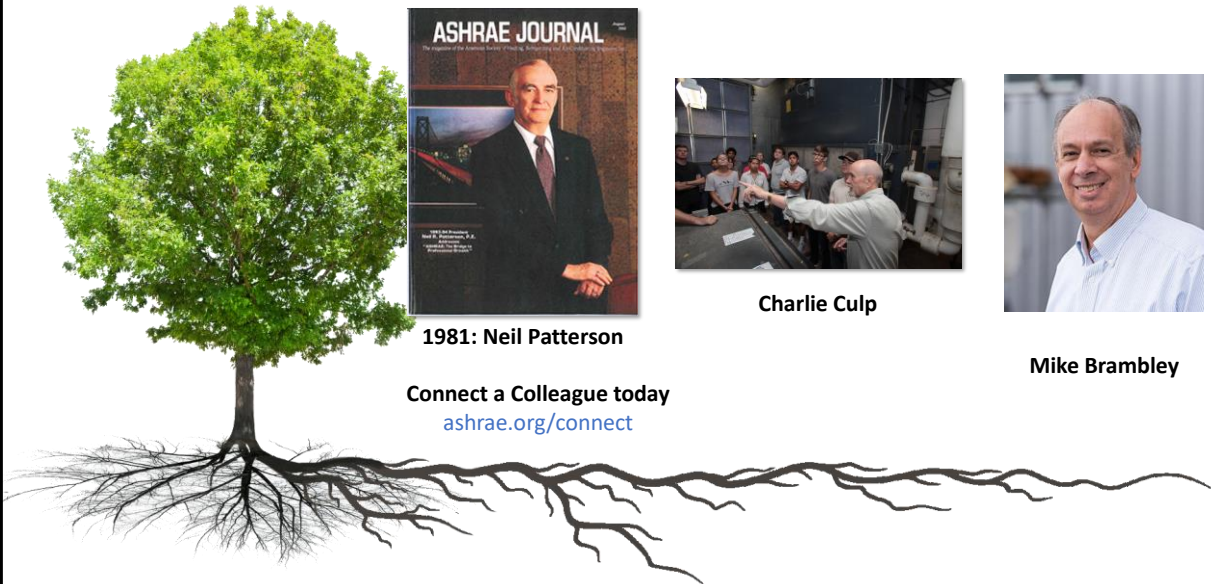
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Who Fed Your Roots?



8

Who Fed My Roots?



1981: Neil Patterson



Charlie Culp



Mike Brambley

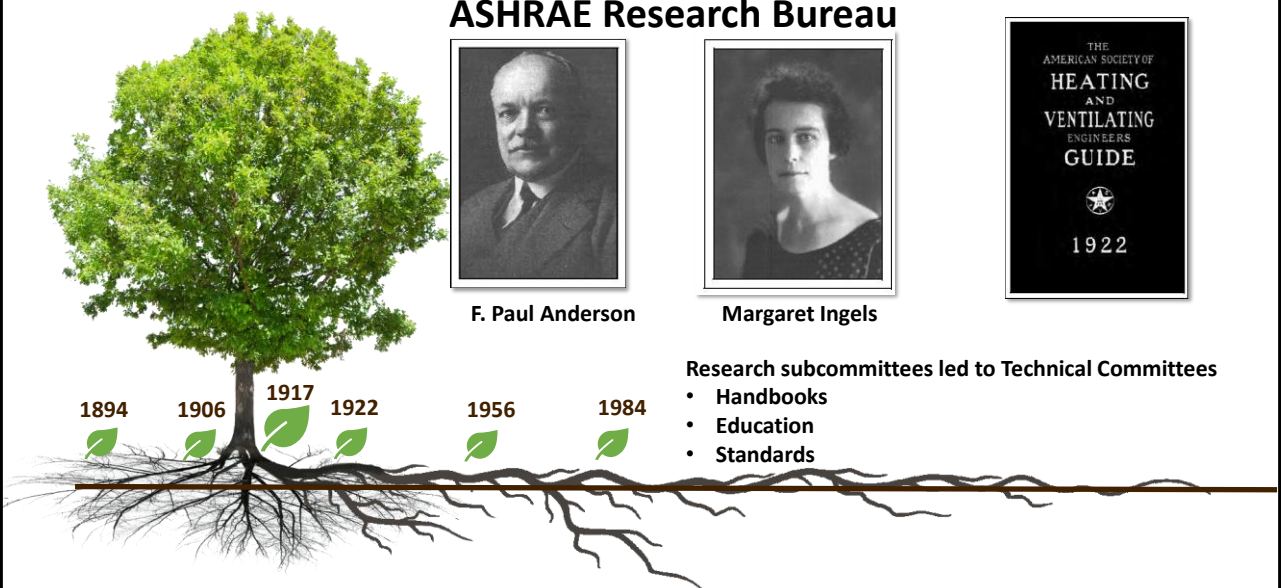
Connect a Colleague today
ashrae.org/connect

9

1917: Root Three - Technology



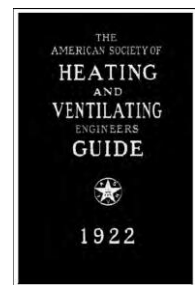
ASHRAE Research Bureau



F. Paul Anderson



Margaret Ingels



Research subcommittees led to Technical Committees

- Handbooks
- Education
- Standards

10



11

Global Impact: Education and Training

ASHRAE Technology Portal

Access to ASHRAE Literature and Knowledge Base

Search

All

Search

ASHRAE Journal Articles

1700+ ASHRAE Journal Articles

ASHRAE Research Reports

100+ ASHRAE Research Reports

ASHRAE Transactions Papers

Access to Papers from ASHRAE Conferences

ASHRAE Conference Seminars

Access to Seminars from ASHRAE Conferences

ASHRAE Handbook

Access to ASHRAE Handbook

technologyportal.ashrae.org

ASHRAE GreenGuide

Design, Construction, and Operation of Sustainable Buildings

2015 Edition

ACHIEVING ZERO ENERGY

Advanced Energy Design Guide for Small to Medium Office Buildings

Developed by ASHRAE The American Society of Heating, Refrigerating and Air Conditioning Engineers

U.S. Green Building Council U.S. Department of Energy

12

Global Impact: ASHRAE Member Funded Research



**Over \$78,000,000 donated
since 1959**

Society Year 2019-2020 total raised: \$2,117,677

- **\$1,635,596** in contributions for Research
- **\$277,720** for ASHRAE Foundation
- **\$170,596** for Scholarships
- **\$33,765** for General Fund, YEA, and Education



ASHRAE Cincinnati Chapter RP

13

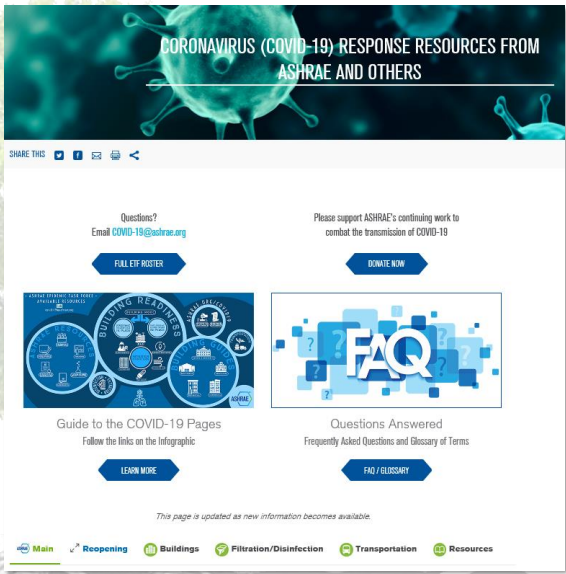
Global Impact: Young Engineers in ASHRAE (YEA)



- **Members 35 and younger**
- **~20% of membership**
- **Now leading us into the future**

14

Global Impact: Epidemic Task Force



- Mitigate the spread of disease
 - Information to reopen buildings
 - Educate building owners and operators
- ashrae.org/covid19

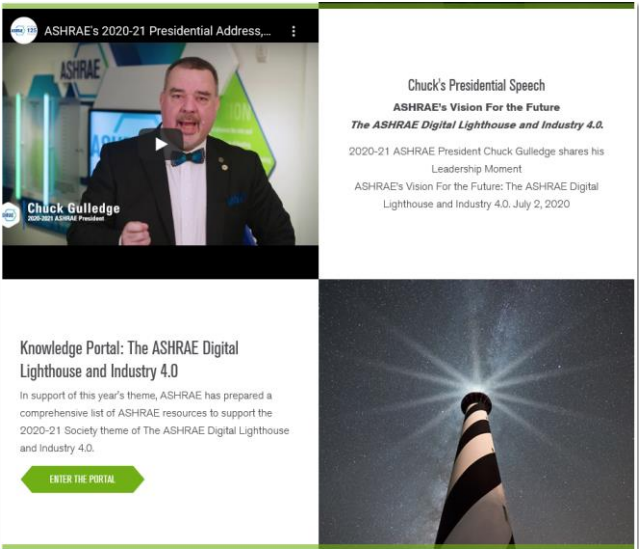


Jen's ASHRAE Car Magnet

2020-2021: Embrace Technology to Become Fully Digital



Thank you to 2020-21 ASHRAE President Chuck Gulledge for his guidance and vision



High Tech / High Touch



Alvin Toffler, author of “Future Shock.”



17

On to Extraordinary!



18

Technical Committees



Research



Distinguished Lecturers



Presidential Award of Excellence (PAOE)

- Streamlined
- Member-to-Member Connections
- IntraRegion and intragenerational events



Root Two: Chapters and Region (grassroots)



Together we make ASHRAE Extraordinary



21

Root One: Personal Growth



NOTHING happens without you, our volunteers



22



Learning Pathways

Pathway 1: HVAC Design.

- Young professional
- Those new to the industry
- Improve knowledge and ability to serve customers

Pathway 2: Pathogen Mitigation

- Prepares for future health issues



Mick and social media

ASHRAE Social Media

- @ASHRAE_Society
- @ashraepresident

Member-to-Member Connections



FRANKLIN D. ROOSEVELT

32nd President of the United States: 1933 - 1945

Fireside Chat.

Whose Roots will you feed in the next three months?



Your first list

2-3 first names who
fed your roots

Your list to

'feed the roots'



Share Your “Feed the Roots” Moments



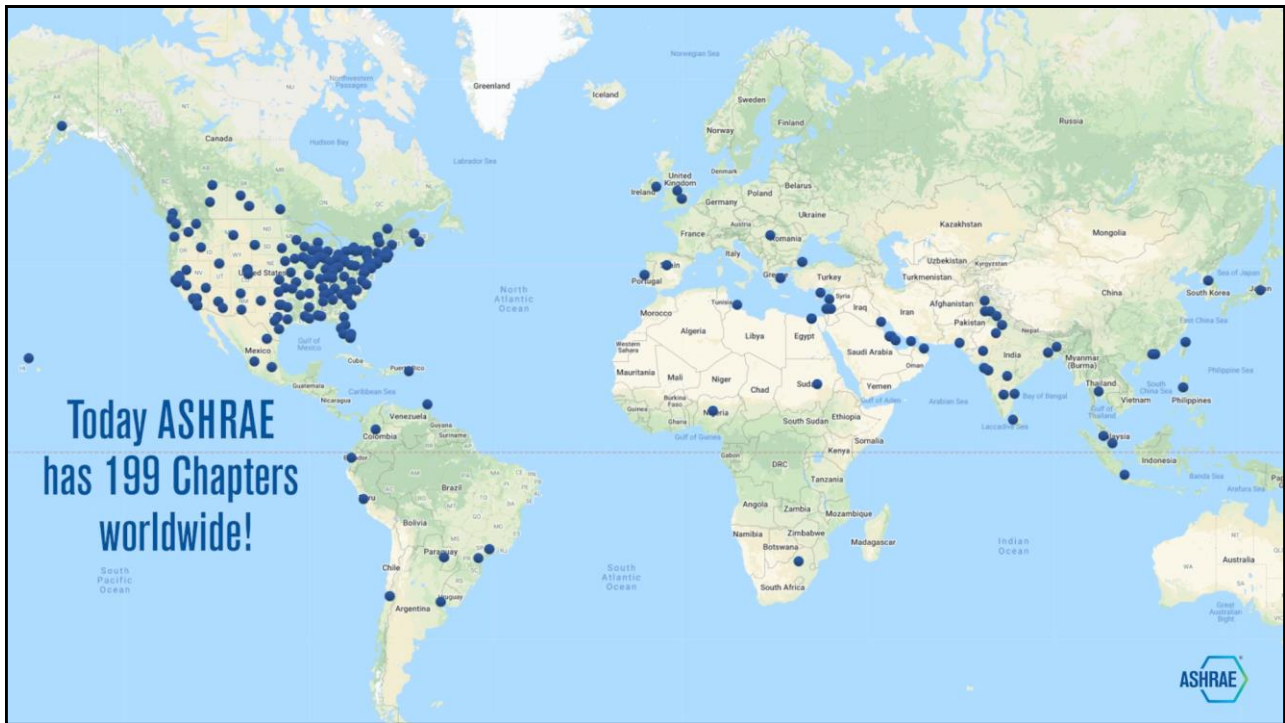
2019: Regions IX and X Joint
Chapters Regional Conference



Heather and David
Region X



27



28



**Mick Schwedler P.E., ASHRAE Fellow, LEED AP | 2021-22 ASHRAE President
Inaugural Presidential Address | 2021 ASHRAE Virtual Annual Conference**

Manuscript for Others

ASHRAE's growth is, and always has been, a direct result of our members' personal growth. Today we're going on a journey and we'll see that since its inception, our Society has focused on that individual growth.

We'll explore our rich history, not for history's sake, but to appreciate how our founders established three sets of roots to help us grow – and how these roots led to our society's global growth and impact. Then we'll come full circle to understand the importance for each of us to "Feed the Roots" today, and for future generations.

ASHRAE's heritage, our roots, begin in 1894 when 75 engineers meet in New York City and found our predecessor, the American Society of Heating and Ventilating Engineers, or ASHVE. Charter Member Harrie Crane put into words reasons for founding this Society.

We wanted to form acquaintances – and as many of us have found, lifelong professional and personal friendships.

...to exchange theories and experiences...

Whether it's been in our workplace, a chapter meeting or arguing about new designs at a happy hour, we've all done this – and often times, vigorously.

And, we get to consult and network as we learn from one another.

These establish our member-to-member connections.

From 1894 to today, this root of personal growth remains a tenet of our Society.

We now fast forward twelve years to our convention in Chicago.

On July 19, 1906, Illinois Members request formation of a Chapter – sanctioning the "opportunity to congregate." This directly follows Mr. Crane's vision and enhances individual Members' growth

Chartered in 1906 this second root – known as our grassroots is an ASHRAE hallmark. These “grassroots” build upon and support individual member growth. Special thanks to our Illinois members for your foresight.

The opening video showed our first Chapter outside of the U.S. chartered in 1922, in Ontario, Canada. And, by 1956 we had grown significantly and organized into regions, but we were still exclusively North American.

In fact, it wasn’t until 90 years after our founding, when our global journey began with chapters in Singapore and Hong Kong. Then India, Africa, Mexico, Europe, and South America. Today, we are 199 Chapters with the most recent being Peru, Libya and Alexandria, Egypt. So, our second set of roots – our grassroots – have spread, strengthened, and led to amazing growth throughout the world.

Now, let’s pause and ask a question: How did you get here today and become part of this expansive root system? Who helped you grow, encouraged you, that is, who “fed your roots”?

Please take out a paper and pen, your phone, or some other way to make a list. Now take 10 seconds to physically list the first names of 2-3 people who invested in you and helped you grow. That is – fed your roots.

Here’s a collage of people who fed the roots of President-Elect Advisory committee members...those involved in developing this year’s Society theme. For many of us, it’s probably hard to narrow down to 2-3 names.

It was for Mick.

So, many have guided and helped mold Mick, but here are the first.

In 1981 he received a job offer from a group led by Neil Patterson. At that time, he didn’t realize that Neil would become ASHRAE President about a decade later. And, we didn’t have today’s simple and polite way to connect a colleague to ASHRAE. Neil could be pretty firm and had his own “connect a colleague” method. Mick recalled Neil’s words were, “...you will be involved in ASHRAE,” and then he provided the support to do so.

That support resulted in Mick attending Technical Committee meetings. The first two TCs weren’t good fits. Then, one Monday evening, he walked into TC 1.5, Computer Applications.

The leaders, including Charlie and Mike, invited everyone to “the big table,” – to be involved. They encouraged and mentored Mick as he foundered in his first subcommittee chair assignment, and even convinced Mick, as a new, naive member, to be TC secretary for not two, but FOUR years as they restructured the TC.

All have been amazingly supportive mentors to Mick. Neil has passed away, but today, Mick gives a big thank you to Mike Brambley and Charlie Culp for feeding his roots.

Now, on to our third root, technology, which develops in 1917 with the founding of our Research Bureau. Led by E. Paul Anderson and one of our first female members, Margaret Ingels, here we are – over 100 years later still independently funding our research.

And, just two years later subcommittees were formed to oversee the research.

These were precursors of our present Technical Committees – now responsible not only for research, but also our Handbooks, conference sessions, and identification of Standards. These are our deep technical roots. These three strong and resilient roots have spread globally to our membership of more than 53,000.

Each of us here today has grown immeasurably due to being part of ASHRAE. As volunteers we've gathered and served – in our grassroots Chapters and Regions and through our technical contributions.

Collectively, our personal growth and united efforts have produced global impacts ... to serve humanity...the first three words of our mission.

Let's look at just a few of these global impacts.

First, our technical, education and training materials are well-known and respected worldwide...and available to everyone through our technology portal. They help ensure the built environment is efficient, resilient, reliable, and addresses our world's ever-changing needs.

Next, in the last 104 years you and members like you have funded research, and since 1959 donated more than 78 million dollars. This leads to quality, independent research. Thank you.

As a board member, Mick has had the privilege to represent ASHRAE at other organizations' conferences. Many of those associations absolutely covet Young Engineers in ASHRAE, known as YEA – who are now about 20% of our membership. YEA was a vision of many, and the young women and men who began in YEA are now leading us into the future and providing strong connections to young professionals and students entering our industry. And, our most recent global impact is our Epidemic Task Force.

Through volunteer efforts of more than 130 experts, ASHRAE is a beacon, providing needed information to mitigate the spread of disease, reopen buildings, and deliver education for building owners and operators. All to improve Indoor Environmental Quality – and keep people safe. The impact has been global and touched each of us locally.

This hit home personally for Mick.

Mick's wife, Jen has an ASHRAE magnet on her van, and was speaking with her college roommate who works for the La Crosse County Health Department. Jen's college roommate said, "ASHRAE, we use their information."

THAT is impact.

In today's terms, it's time for a shout-out. We would not have made it through the past 16 months without the vision of President Gullledge to embrace technology. Who would have thought we could do our "work," serve chapter members and carry on our mission-- without leaving our homes for months.

Chuck, thank you for leading us through these tough times. But we all know that being fully digital has been hard.

This phenomenon was explained by author Alvin Toffler in his 1970's book "*Future Shock*." As our world uses higher technology, we need and crave personal connections. We all really understand his point today. To explain this, Toffler, coined the term "High-Tech / High Touch."

How do we use this to move forward?

Many times, Mick has heard people say, "I can't wait until things get back to normal."

Please take no offense, but Mick doesn't think we have any desire for "normal." What we really want is the 'extraordinary' we have. We will use our best virtual and personal practices, combined with historical roots, to move on to extraordinary.

First, our deep technical roots will continue to be fed through education, training, research, and other materials produced by our volunteer experts – delivered both virtually and in person. The Distinguished Lecturers who present to your chapters are often described as ASHRAE's most successful program. They will continue to be available virtually (high tech) and when it's safe for the chapters and lecturers, ASHRAE will get back to face-to-face presentations to provide the high touch.

Next, within our grassroots chapters, the Presidential Award of Excellence has been streamlined and encourages intraRegion and intragenerational events and communications. Utilizing technology, we can connect, member-to-member, with other cultures and experiences.

Also, our Chapters Regional Conferences are using hybrid configurations that combine virtual training and pre-meetings with the conferences. Now people who can't travel can still participate. But, we all know there is no replacement for all of us being together. We began with our 1906 convention make up – where everyone looked like Mick but some had hair...and ASHRAE has changed.

The member-to-member connections we have today is astounding and vibrant. Vintage. Young, Women. Men....global cultures. So, in addition to our present membership, we'll continue to broaden inclusion through support of Young Engineers in ASHRAE, Women in ASHRAE and students.

Also, the Board's new Diversity, Equity and Inclusion subcommittee will recommend ways to reach out to those presently under-represented within ASHRAE. Because it's all of us, together, that make ASHRAE extraordinary. And the fact is, nothing happens without each of you – our volunteers.

No matter how you choose to volunteer, you are our lifeblood and provide those resilient, deep and widespread roots that weathered the storm and brought ASHRAE through a global pandemic. You are extraordinary.

Moving forward, three new ways to feed our historical roots have been developed. The first provides personal growth.

We've developed Learning Pathways to help each of us grow personally. The first pathway is HVAC Design. It's a curriculum for young professionals, those new to the industry, and others who simply want to improve their knowledge and ability to serve customers.

The second, Pathogen Mitigation, is of very high interest today and also prepares for future health issues. Additional Learning Pathways will be based on what you want and need! Our second initiative uses technology combined with our grassroots to connect with one another and has two parts.

ASHRAE is already active on social media platforms – but not all of us participate. Shown here is a picture of Mick being dragged kicking and screaming into his wedding ceremony with Jen. Yes, it's staged. Mick has felt the same way about social media. But, social media is a different and more personal way for each of us to connect with our next generation of members.

So, Prez Mick is enthusiastically on ASHRAE Society's Instagram page...and hopes you'll join him.

Second, patterned after U.S. President Franklin Delano Roosevelt's fireside chats, ASHRAE will deliver a series of member-to-member, informal video shorts addressing various topics. We look forward to seeing you each month.

Now, if you take one thing away from today, let it be our final initiative – which includes a request to you. Earlier, you made a list of people who fed your roots. Now, it's time for each of us to determine whose roots WE will feed.

Please take out that list maker again and create your list of 2-3 people whose roots you will feed in the next three months. It can be friends, professional, ASHRAE or at your workplace – someone who you already admire, and you want to help them grow.

Now that you've made the list...reach out.

Each time you do this, you literally bring us back to our roots of Harrie Crane's vision for ASHVE 127 years ago...and ASHRAE as we move on our extraordinary and impactful future. And whether we've helped someone else grow or they've helped us, let's share our "feed the roots moments" – perhaps on social media!

Here's how Mick's roots were fed this past year. It reminded him to feed the personal roots of those closest to him ...who sacrifice so much so we can volunteer and serve others. He knew of Heather through her contributions as a Young Engineer in ASHRAE but hadn't volunteered with her until attending the combined Region 9 and 10 Chapters Regional Conference in August of 2019.

The night before the CRC, Mick met her husband, David and learned that they were expecting their first child.

Throughout the CRC Heather tirelessly led a very small team – literally 3 to 4 people -- who did all the behind the scenes work to deliver an amazing CRC. What a dynamic and extraordinary volunteer.

Little did Heather and Mick realize the next time we would see each other would be a year later – during the 2020 Region 10, virtual CRC.

And 9-month old Cohen would be with her. Our global impacts serve Cohen and his generation too. We've come full circle. Guided by our mission we get to serve humanity – every day...and that is an honor and privilege.

We each are involved in ASHRAE for different reasons and volunteer in our chosen ways. We do it because we grow – professionally and personally – and help others do the same.

We do it because collectively we have tremendous global impact.

We do it because that global impact serves the world's – as well as our personal – future generations. And all this occurs because we are true to our deep and widespread technical roots, grassroots, and personal roots

Ladies, gentlemen, *Feed the Roots*.



ASHRAE Annual Meeting Update

Doug Cochrane, P.Eng., Regional Representative Region II
Aug 19, 2021
CRC

1



Annual meeting 970 people down substantially from Chicago, Austin

3RD Virtual Conference in a row. Virtual fatigue? Price?

Some new features, roundtables, sponsor rooms,
Non tech interactive. Continue to evolve

2



-Toronto & Montreal able to participate in panel discussion on what chapters did to promote ETF to government agencies

- 8 Public Policy Information Briefs (PPIB'S) approved on climate change, env tobacco smoke, refrigerants, iaq, benchmarking, stem, consensus standards, resiliency
- new term of functional groups (FG's)

3



Virtual Career fair for all of society

- 1 new chapter Alexandria in Turkey
- 17 new student chapters (5 in Region XII, 12 in RAL)

Society Rules working on simplified Parliamentary procedures

Certification and Training & Education task force developing ideas for products and services from info from ETF

4



NEW TG to address reactive air & surface treatment air cleaning technologies such as photocatalytic oxidation (PCO), ionization, and hydrogen peroxide

OPMP certification being sunsetted in 2024

5



Pub Ed reorg down to 2 subcommittees from 4. now have dashboards

Finance transformation adhoc yielded a payback tool, and member benefit tool which are to be piloted

6



Strategic Plan extended 1 year due to covid

Nominating process committee to explore best options

New ASHRAE guideline on Measurement of Whole Building Performance for Occupied Buildings

7



Las Vegas winter meeting to be hybrid

Subcommittee meetings being encouraged to be virtual

Working on protocol details for meeting

8



Awards

RBC award for residential building issues

Energy genius award for Building EQ

9

Government Affairs – Region II



ASHRAE Government Affairs program works to establish ASHRAE as a leading source of trusted expertise for policy-makers in the development of legislation and regulations affecting the public and HVAC&R industry.

Joint GOD with HRAI to Queens Park (ON) Feb 2

Joint GOD with HRAI to Ottawa (Federal) incl
Region XI (Western Canada) May 4

Meeting with NRCAN Acting Director General of
Energy Efficiency Aug 19 2pm

With GAC VC, RVC's both regions and former
board members from Canada

**HRAI connecting with Federal
Candidates from all parties we
could join with**

→ Federal election Sep 20/21

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Region II Award Winners

Williams J Collins – Nathan Cook, RP Chair, Windsor

Technical Paper Award – Michael Roth, Klimatt, Guelph Hamilton Chapter
Use of Reanalysis in Ashrae Applications RP-1745

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Region II Award Winners

Willis H Carrier– Justin Berquist, NRC Ottawa
Feasability of low cost CO2 sensors for DCV Part 1 lab testing
32 years and under outstanding paper

Dave Palty Award – Robert Hoadley, NB/PEI Chapter RVC
Inaugural award for GAC excellence

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Region II Standing Committee Members

CTTC– Daniel Robert Ist VC, Dan Redmond RVC

MP- Genieville Lussier Ist VC, John Molnar RVC

SA- Mai Anh Do VC, Elizabeth Primeau RVC

GAC – Darryl Boyce VC, Mike Genin RVC

History – Niss Feiner VC, Tom Pollard

Certification – Kurt Monteiro Chair, Badri Patel

Honors & Awards- Nicolas Lemire Chair, Isabelle Lavoie VC

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Region II Standing Committee Members

YEA – Ron Gagnon BOD ExO, Alekhya Kaianathbhatta RVC

Comm- Daniel Bourque- Halifax

RAC – Roland Charneaux

Pubs- Robert Hoadley

Handbook – 2024 Systems & Equipment Nicolas Lemire

Finance – Doug Cochrane

RP – Ibrahim Semhat RVC

14



Region II Standing Committee Members

RBC – Mark Lawrence

Building EQ – Business Development SC Doug Cochrane

Society Rules – Ron Gagnon

CEC – Alekyha Kaianathbhatta

Nominating – Nicolas Lemire Member, Isabelle Lavoie Alternate, David Underwood BOD elected member

15



Region II Standing Committee Member

Members Council – Ron Gagnon Dir, Dan Castellan RMCR

Pub Ed Council – Kurt Monteiro NVM

Decarbonization Task Force Trg & Ed SC – Doug Cochrane

Society Transformation ADHOC – David Underwood, Hugh Crowther

Task Force Int'l Stds – Hugh Crowther

Darryl Boyce- HQ Bldg adhoc Chair, APPA rep, AIA Liason Chair

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Region II Scholarship Winners

Willis Carrier– Erin MacKinnon, Mech Eng, Dalhousie \$10k

Lynn Bellenger – Yuna Oh, Mech Eng, U of Waterloo \$5k

Duane Hanson – Hayley Knowles, Mech Eng, Dalhousie \$5k

17



Region II Scholarship Winners

Eng Technology– Matthew Big, Mech Eng Tech Bldg Sciences, Seneca College \$5k

Ottawa Valley Chapter – Viktor Wozniak, Aerospace Eng, Carleton U \$3k

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Region II Upcoming Events



AUG
2021

2021 ASHRAE Region II CRC VIRTUAL
Aug 19–20, 2021 | Quebec, QC

JAN
2022

2022 ASHRAE Winter Meeting
Jan 29- Feb 2, 2022 | Las Vegas, NV

JUN
2022

2022 ASHRAE International Ventilation Conference (rescheduled from 2021)
June 22-24, 2022 | Toronto, ON

2022 ASHRAE Annual Meeting
June 25-29, 2022 | Toronto, ON in conjunction with 100th anniversary

[ashrae.org/conferences](https://www.ashrae.org/conferences)



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QUESTIONS ?

20



ASHRAE HONORS & AWARDS

Do you know an ASHRAE member who...

has performed **outstanding service in their community**, and in doing so, have helped to improve the public image of the engineer?

YES



Nominate them for
Distinguished Public Service Award

has **served ASHRAE** and given freely of their time and talent on behalf of the Society?

Have they received the Distinguished Service Award?

NO



Nominate them for
Distinguished Service Award

YES



Nominate them for
Exceptional Service Award



They have the exceptional service award, too!
Andrew T. Boggs

has made **notable contributions** to the industry, and has been an ASHRAE Member in good standing for at least 10 years?

Are they an ASHRAE Fellow?

NO



Nominate to
ASHRAE Fellow

YES



Nominate them for
Louise & Bill Holladay Distinguished Fellow Award

has been an **ASHRAE member for 50 years**, and meets one of the below criteria?

- Has performed outstanding service
- Is an ASHRAE Fellow
- Is a Distinguished Service Award winner
- Is a Past Society President

YES



Nominate them for
Distinguished 50 Year Member Award

is deserving of ASHRAE's **highest award**?

YES



Nominate them for
F. Paul Anderson Award

Do you know of a giant in the HVAC&R Industry who you want to memorialize?

Were they an ASHRAE Member?

NO



Nominate them for
Pioneers of the Industry

YES



Nominate them for
ASHRAE Hall of Fame