



## **DELEGATE & ALTERNATE CRC PACKET**

### **REGION XI - SPRING 2024**

Listed below is important bulleted information that you should know for your upcoming CRC.

#### **Transportation Policy:**

We HIGHLY encourage you to book your air travel through ASHRAE's official travel agency, ATC Travel Management (ATC). If you utilize this service, you can book your air transportation for the CRC and you won't have to submit a transportation reimbursement voucher as ASHRAE is direct billed for this service. Per the ASHRAE transportation policy, you must book the lowest economical fare and you must book at least 14 days in advance of departure. If you have chosen to travel by private vehicle, please use the Electronic Transportation Voucher for reimbursement: <http://travelvoucher.ashrae.org/>

- The basic reimbursable expense limit is for the 14-day advance purchase coach airfare between destination points. (see Appendix D for authorized positions)
- Transportation by private vehicle will be reimbursed the **lesser** of the current US Internal Revenue Service rate of 67 cents per mile or the 14-day advance coach airfare

#### **Chapters Regional Committee Meeting:**

There are four parts to the Chapters Regional Committee Meeting held in conjunction with the CRC: the Orientation Session, the Caucus, the Business Session and the Executive Session\*. As a delegate or alternate, you will be involved in all four of these sessions. (See Instructions to Delegate & Alternate for more details)

*\*Executive session information for the caucus will be sent to the Regional Nominating Member and Alternate by the Board Services team. If you have any questions about the Nominating process or the executive session packet, please contact Candace Denton ([CDenton@ashrae.org](mailto:CDenton@ashrae.org)) or Chandrias Jacobs ([CJacobs@ashrae.org](mailto:CJacobs@ashrae.org)).*

#### **ASHRAE Simplified Rules of Order - <https://www.ashrae.org/communities/committees/society-rules-committee>**

CRCs are expected to be fully operational in the new meeting guidance. The rules should be used in place of Roberts Rules of Order during all Society meetings.

#### **Honors and Awards – [www.ashrae.org/honors](http://www.ashrae.org/honors)**

- Please use the website for the most up-to-date information, current nomination forms and guidelines for all Society level, Regional and Chapter awards.
- Individuals recommended for Society Officers, Directors-at-Large, Society committees, and Society Honors and Awards must have a current ASHRAE Biographical Record on file. **Please contact your DRC for instructions to download biographical records.**

#### **Manual for Chapter Operations (MCO) - [www.ashrae.org/society-groups/chapters](http://www.ashrae.org/society-groups/chapters)**

- The MCO and other relative chapter information can be found on the ASHRAE website.

The following items are included for your use during the CRC meeting:

- |  |   |
|--|---|
| • Copy of minutes from the 2023 meeting    | • ASHRAE 2023-24 CRC Summary Report             |
| • List of Delegates & Alternates           | • Guidelines for Motions                        |
| • List of Regional Officers                | • Honors and Awards listing                     |
| • Instructions to Delegates and Alternates | • List of ASHRAE Standing Committees            |
| • Instructions for CRC Summary Report      | • Job Descriptions for the DRC & RMCR Positions |

Thank you for your continued support of ASHRAE activities and have a wonderful, fun and successful CRC!

## **INSTRUCTIONS TO DELEGATES & ALTERNATES FOR CRC**

### **Chapters Regional Committee Meeting**

There are four parts to the Chapters Regional Committee Meeting held in conjunction with the Chapters Regional Conference (CRC): the Orientation Session, the Caucus, the Business Session and the Executive Session. As a delegate or alternate, you will be involved in all four of these sessions.

### **Orientation Session**

Open to all attendees, this session is held prior to the Caucus so that the Director and Regional chair can instruct the delegates and alternates on procedures and to advise them as to the regional and Society positions to be filled. During this session other non-caucus attendees can provide advice and counsel as specifically requested by a delegate or alternate. The attendance of delegates and alternates is mandatory.

### **Caucus (Closed Session)**

This is an informal session. It is usually held at the beginning of the Chapters Regional Conference attended by only the delegates and alternates from the chapters, the regional Nominating Committee Member, the regional Nominating Committee Alternate and the regional Nominating Committee reserve alternate. The purpose is to provide a forum for the chapters to present and discuss their recommendations for candidates for regional and Society positions, Society committees, and regional and Society honors and awards. All discussions at the Nominating Committee meetings, caucus and executive sessions are confidential and shall not be divulged to any individual outside the meetings or sessions. The regional Nominating Committee Member chairs the session and the host chapter delegate is the secretary. Minutes of the Caucus are not to be published. During the Caucus, the delegates and alternates should present the biographies of the candidates who will be recommended for offices and/or honors and awards. Enough copies of the biographies should be available so that each person attending may have a copy. The two Nominating Committee representatives shall not be present while their nominations are being discussed. The host delegate shall become the temporary chair.

### **Business Session**

Each chapter shall, as a minimum, prepare the following in one complete package, whether a binder, CD or other form, as directed for that CRC:

1. A completely filled-out Summary Report Form.
2. Report of Chapter Activities for the preceding year, including committee reports.
3. Chapter Committee Chairs' MBOs.
4. A sample newsletter.
5. The Chapter's roster.

After the report phase of the Business Session, the Chapters are encouraged to present action items for changes in any Chapter, Regional or Society activities or policies.

All reports and action items presented at the Chapters Regional Conference will take place at the Business Session, except for those items specified for the Executive Session.

The chapter delegate is the voting member. The regional vice chairs, the regional Nominating Committee Member and the regional Nominating Committee Alternate attend in their official capacity. The Regional Chair is chair of the meeting. The chapter delegates report on the progress of their chapters and student branches and their recommendations concerning policy, procedures and operations of Society. Motions that are passed are then brought forward to Members Council for further consideration.

## **GUIDELINES FOR CONDUCTING CHAPTERS REGIONAL CONFERENCES**

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### **Executive Session (Closed Session)**

Only the delegates and alternates from the chapters, the regional Nominating Committee Member and the regional Nominating Committee Alternate may attend the Executive Session. The regional Nominating Committee Member is the chair. The reserve alternate for the Nominating Committee Member is allowed to attend the executive session of the CRC without reimbursement for transportation. The host chapter delegate is the secretary. Minutes of the Executive Session shall not be published. Chapter delegates vote for candidates for the following:

1. Nominating Committee Member, Alternate and Reserve Alternate
2. Regional Vice Chairs
3. Regional Awards
4. Society Officers and Board of Directors (including Regional Chair, if appropriate)

The regional Nominating Committee representative will forward the report of the Executive Session to Society Executive Director/Secretary at Headquarters within 30 days of the meeting. Members who serve on Grassroots committees (Regional Vice Chairs) should be contacted as their willingness to serve before their names are submitted in this report.

## Region XI

### 2023-2024 Delegates and Alternates

Chapter Name	Position	Full Name	MEM #	Email
<b>ALASKA</b>	Chapter Delegate	James J Boggs	8271970	jboggs@amc-engineers.com
<b>ALASKA</b>	Chapter Alternate	Nathan Lang	8376213	nathan.lang@victaulic.com
<b>BRITISH COLUMBIA</b>	Chapter Delegate	Alireza Zahedi	8257140	alireza_z@hotmail.com
<b>BRITISH COLUMBIA</b>	Chapter Alternate			
<b>INLAND EMPIRE</b>	Chapter Delegate	Brandon S Crane	8355145	brandonc@fsi-engineers.com
<b>INLAND EMPIRE</b>	Chapter Alternate	Nicholas A Beeler	8384846	n_beeler@hotmail.com
<b>MANITOBA</b>	Chapter Delegate			
<b>MANITOBA</b>	Chapter Alternate	Mitch A Smith	8165129	mitch.smith@trane.com
<b>NORTHERN ALBERTA</b>	Chapter Delegate	Christina Herbers	8111169	cherbers@hvacsyste.ms.ca
<b>NORTHERN ALBERTA</b>	Chapter Alternate	Glen Tichowsky	8121417	glen.tichowsky@arrowonline.ca
<b>OREGON</b>	Chapter Delegate	Elsa Harder	8302596	eharder@southlandind.com
<b>OREGON</b>	Chapter Alternate			
<b>PUGET SOUND</b>	Chapter Delegate			
<b>PUGET SOUND</b>	Chapter Alternate			
<b>REGINA</b>	Chapter Delegate	Tyler Abraham Gamble	8313793	tyler.gamble@canaturewg.com
<b>REGINA</b>	Chapter Alternate			
<b>SASKATOON</b>	Chapter Delegate	Kyle Harasyn	8384917	k.harasyn@mac-eng.ca
<b>SASKATOON</b>	Chapter Alternate	Alex Barnes	8383900	AlexBarnes@tranetechnologies.com
<b>SOUTHERN ALBERTA</b>	Chapter Delegate	Kevin McIntyre	8357693	Kevin.McIntyre@trane.com
<b>SOUTHERN ALBERTA</b>	Chapter Alternate			
<b>VANCOUVER ISLAND</b>	Chapter Delegate	Eric Loeper	8433319	eloeper@ehpricesales.com
<b>VANCOUVER ISLAND</b>	Chapter Alternate			

<u>Spring</u>	<u>CRC Dates</u>	<u>Region</u>	<u>Location</u>	<u>ATC Travel Code</u>	<u>Book By Date</u>
<b>4/11/2024</b>	4/13/2024	REGION VI CRC	Cedar Rapids, IA	692529	3/25/2024
<b>4/26/2024</b>	4/28/2024	REGION VIII CRC	Dallas, TX	692532	4/8/2024
<b>5/9/2024</b>	5/11/2024	REGION XI CRC	Spokane, WA	692533	4/22/2024

<u>Minutes Y/N</u>	<u>Del/Alt Packet</u>	<u>Gen Ch Box</u>	<u>CH C Packet</u>	<u>DRC Packet</u>
Y				
Y				
N				

# ASHRAE ROSTER

## REGION VI Region Officers

*As of 07/01/2023*

*Position* Director and Regional Chair  
*Name* **Susanna S Hanson**  
*Email* [r06drc@ashrae.net](mailto:r06drc@ashrae.net)

*Position* Region Nominating Member  
*Name* **Mark F Miller**  
*Email* [r06nom@ashrae.net](mailto:r06nom@ashrae.net)

*Position* Region Members Council Rep  
*Name* **M Maggie Moninski**  
*Email* [r06RMCR@ashrae.net](mailto:r06RMCR@ashrae.net)

*Position* Region Nominating Alternate  
*Name* **Fiona Martin McCarthy**  
*Email* [r06noma@ashrae.net](mailto:r06noma@ashrae.net)

*Position* Region Chapter Technology Transfer  
*Name* **Eric Johansen**  
*Email* [r06rvccctc@ashrae.net](mailto:r06rvccctc@ashrae.net)

*Position* CRC General Chair  
*Name* **Ryan P Collins**  
*Email* [r06CRCChair@ashrae.net](mailto:r06CRCChair@ashrae.net)

*Position* Region Government Affairs  
*Name* **Elizabeth K Tomlinson**  
*Email* [r06GAC@ashrae.net](mailto:r06GAC@ashrae.net)

*Position* Region Communications Chair  
*Name*  
*Email* [r06CC@ashrae.net](mailto:r06CC@ashrae.net)

*Position* Region Membership Promotion  
*Name* **Fiona Martin McCarthy**  
*Email* [r06rvcm@ashrae.net](mailto:r06rvcm@ashrae.net)

*Position* Region Treasurer  
*Name*  
*Email* [r06tr@ashrae.net](mailto:r06tr@ashrae.net)

*Position* Region Research Promotion  
*Name* **Kelly Costello Gunn**  
*Email* [r06rvcrp@ashrae.net](mailto:r06rvcrp@ashrae.net)

*Position* Region Historian  
*Name*  
*Email* [r06hist@ashrae.net](mailto:r06hist@ashrae.net)

*Position* Region Student Activities  
*Name* **Kevin Summers**  
*Email* [r06rvcsa@ashrae.net](mailto:r06rvcsa@ashrae.net)

*Position* Region Representative  
*Name*  
*Email* [r06RR@ashrae.net](mailto:r06RR@ashrae.net)

*Position* Region YEA  
*Name* **Drew Samuels**  
*Email* [r06YEA@ashrae.net](mailto:r06YEA@ashrae.net)

*Position* Assistant Regional Chair  
*Name*  
*Email* [r06arc@ashrae.net](mailto:r06arc@ashrae.net)

# ASHRAE ROSTER

## REGION VIII Region Officers

*As of 07/01/2023*

*Position* Director and Regional Chair  
*Name* **Joseph E Sanders**  
*Email* [r08drc@ashrae.net](mailto:r08drc@ashrae.net)

*Position* Region Nominating Member  
*Name* **Mark W Fly**  
*Email* [r08nom@ashrae.net](mailto:r08nom@ashrae.net)

*Position* Region Members Council Rep  
*Name* **Keith H Reihl**  
*Email* [r08RMCR@ashrae.net](mailto:r08RMCR@ashrae.net)

*Position* Region Nominating Alternate  
*Name* **Christopher J Ahne**  
*Email* [r08noma@ashrae.net](mailto:r08noma@ashrae.net)

*Position* Region Chapter Technology Transfer  
*Name* **Kenneth Shifflett, II**  
*Email* [r08rvccctc@ashrae.net](mailto:r08rvccctc@ashrae.net)

*Position* CRC General Chair  
*Name* **Pamela L Duffy**  
*Email* [r08CRCChair@ashrae.net](mailto:r08CRCChair@ashrae.net)

*Position* Region Government Affairs  
*Name* **Jeffrey S Forman**  
*Email* [r08GAC@ashrae.net](mailto:r08GAC@ashrae.net)

*Position* Region Communications Chair  
*Name* **Jeanette Y Hay**  
*Email* [r08CC@ashrae.net](mailto:r08CC@ashrae.net)

*Position* Region Membership Promotion  
*Name* **Ron McCarty**  
*Email* [r08rvcm@ashrae.net](mailto:r08rvcm@ashrae.net)

*Position* Region Treasurer  
*Name* **Vanessa Freidberg**  
*Email* [r08tr@ashrae.net](mailto:r08tr@ashrae.net)

*Position* Region Research Promotion  
*Name* **Chris Dolan**  
*Email* [r08rvcrp@ashrae.net](mailto:r08rvcrp@ashrae.net)

*Position* Region Historian  
*Name* **Randy C Schrecengost**  
*Email* [r08hist@ashrae.net](mailto:r08hist@ashrae.net)

*Position* Region Student Activities  
*Name* **Jacqueline D Hay**  
*Email* [r08rvcsa@ashrae.net](mailto:r08rvcsa@ashrae.net)

*Position* Region Representative  
*Name*  
*Email* [r08RR@ashrae.net](mailto:r08RR@ashrae.net)

*Position* Region YEA  
*Name* **Marisa Rae Kamstra**  
*Email* [r08YEA@ashrae.net](mailto:r08YEA@ashrae.net)

*Position* Assistant Regional Chair  
*Name* **Randy C Schrecengost**  
*Email* [r08arc@ashrae.net](mailto:r08arc@ashrae.net)



# ASHRAE ROSTER

## REGION XI Region Officers

*As of 07/01/2023*

*Position* Director and Regional Chair  
*Name* **N Eileen Jensen**  
*Email* [r11drc@ashrae.net](mailto:r11drc@ashrae.net)

*Position* Region Nominating Member  
*Name* **Jeffery D Hurd**  
*Email* [r11nom@ashrae.net](mailto:r11nom@ashrae.net)

*Position* Region Members Council Rep  
*Name* **Rob Craddock**  
*Email* [r11RMCR@ashrae.net](mailto:r11RMCR@ashrae.net)

*Position* Region Nominating Alternate  
*Name* **Greg Fluter**  
*Email* [r11noma@ashrae.net](mailto:r11noma@ashrae.net)

*Position* Region Chapter Technology Transfer  
*Name* **Matt Parkes**  
*Email* [r11rvccctc@ashrae.net](mailto:r11rvccctc@ashrae.net)

*Position* CRC General Chair  
*Name* **David G Reames**  
*Email* [r11CRCChair@ashrae.net](mailto:r11CRCChair@ashrae.net)

*Position* Region Government Affairs  
*Name* **Geoffrey Jenks**  
*Email* [r11GAC@ashrae.net](mailto:r11GAC@ashrae.net)

*Position* Region Communications Chair  
*Name* **Louise McKenzie**  
*Email* [r11CC@ashrae.net](mailto:r11CC@ashrae.net)

*Position* Region Membership Promotion  
*Name* **Gregory Thomas Jernstrom**  
*Email* [r11rvcm@ashrae.net](mailto:r11rvcm@ashrae.net)

*Position* Region Treasurer  
*Name* **Norman Grusnick**  
*Email* [r11tr@ashrae.net](mailto:r11tr@ashrae.net)

*Position* Region Research Promotion  
*Name* **John D Farley**  
*Email* [r11rvcrp@ashrae.net](mailto:r11rvcrp@ashrae.net)

*Position* Region Historian  
*Name* **Douglas B LeCren**  
*Email* [r11hist@ashrae.net](mailto:r11hist@ashrae.net)

*Position* Region Student Activities  
*Name* **Justin Albo**  
*Email* [r11rvcsa@ashrae.net](mailto:r11rvcsa@ashrae.net)

*Position* Region Representative  
*Name*  
*Email* [r11RR@ashrae.net](mailto:r11RR@ashrae.net)

*Position* Region YEA  
*Name* **Cailin MacPherson**  
*Email* [r11YEA@ashrae.net](mailto:r11YEA@ashrae.net)

*Position* Assistant Regional Chair  
*Name*  
*Email* [r11arc@ashrae.net](mailto:r11arc@ashrae.net)

# ASHRAE Region XI Chapter's Regional Conference 2023

Date: May 12, 2023

## Call to Order/Opening Remarks

Call to order at 8:32 a.m. by Eileen Jensen

Opening remarks by Eileen Jensen

## Roll Call of Delegates and Alternates – Business Meeting by Individuals

Chapter	Title	First Name	Last Name	Present
Alaska	CRC Delegate	Elena	Hartford	XY
	CRC Alternate	James	Boggs	XY
British Columbia	CRC Delegate	Alireza	Zahedi	X
	CRC Alternate	Les	Pereira	XY
Inland Empire	CRC Delegate	Samuel	Shoemaker	XY
	CRC Alternate	Brandon	Crane	X
Manitoba	CRC Delegate	Marcos	De Lima Guastalle	XY
	CRC Alternate	Mitch	Smith	XY
Northern Alberta	CRC Delegate	Cody	Byar	XY
	CRC Alternate	Glen	Tichkowsky	
Oregon	CRC Delegate	John	Tijerina	XY
	CRC Alternate	Elsa	Harder	XY
Puget Sound	CRC Delegate	Amin	Nadimzadeh	X
	CRC Alternate	Krishnan	Gowri	X
Regina	CRC Delegate	Chris	Klatt	XY
	CRC Alternate	Tyler	Gamble	XY
Saskatoon	CRC Delegate	Devin	Storle	XY
	CRC Alternate	Kyle	Harasyn	XY
Southern Alberta	CRC Delegate	Mike	Cotreau	XY
	CRC Alternate	Kevin	McIntyre	XY
Vancouver Island	CRC Delegate	Yoora	Byeon	XY
	CRC Alternate	Eric	Loeper	XY

\*"X" denotes attendance during Business Session #1, "Y" denotes attendance during Business Session #2

### Introduction of Attendees – Business Meetings by Individuals

Title	First Name	Last Name	Present
<b>Society Treasurer</b>	Dennis	Knight	XY
<b>Society President Elect</b>	Ginger	Scoggins	XY
<b>Society Secretary</b>	Jeff	Littleton	XY
<b>Director &amp; Regional Chair</b>	Eileen	Jensen	XY
<b>CRC Chair</b>	Ahmed	Keshta	XY
<b>Region Members Council Rep</b>	Rob	Craddock	XY
<b>RVC, Chapter Technology Transfer</b>	Janice	Peterson	XY
<b>Incoming RVC, Chapter Chair Transfer</b>	Matt	Parkes	X
<b>RVC, Research Promotion</b>	John	Farley	XY
<b>RVC, Student Activities</b>	Tracy	McKeon	XY
<b>Incoming RVC, Student Activities</b>	Justin	Albo	XY
<b>RVC, Government Affairs</b>	Daryl	Collerman	XY
<b>RVC, Young Engineers in ASHRAE</b>	Cailin	McPherson	XY
<b>RVC, Membership Promotion</b>	Greg	Jernstrom	XY
<b>Region Communications Chair</b>	Louise	McKenzie	XY
<b>Nominating Member</b>	Jeffery	Hurd	XY
<b>Nominating Alternate</b>	Greg	Fluter	XY
<b>Regional Historian</b>	Doug	LeCren	XY
<b>Regional Treasurer</b>	Norm	Grusnick	XY
<b>Meeting Secretary</b>	Joey	Balko	XY

\*"X" denotes attendance during Business Session #1, "Y" denotes attendance during Business Session #2

### Acknowledgement of Visiting Members in Audience

#### Appointment of Secretary

Eileen Jensen asked for a motion by Mike Cotreau to appoint Joey Balko as Secretary of the meeting. The motion was seconded on the floor and the vote was unanimous.

#### Approval of 2022 CRC Minutes

Motion to approve the minutes by Elena Hartford, seconded by Marcos Guastalle. Motion passed, unanimously.

### ASHRAE Staff Report – Jeff Littleton

1. Presentation given by Jeff Littleton.
2. Question regarding Research Promotion donations being tax deductible in Canada. Donations are NOT tax deductible.
3. Question on revenue stream from AHR EXPO. 10 year agreement was renewed 2 years ago, with a 5 year kicker. Renegotiation will start again in about 8 years.
4. Question about new chapters that may be coming. UK just lost a chapter, we are now at 198 chapters. Region at Large has been growing quickly, but not aware of new chapters in process of being formed.
5. Question regarding the Insurance policies as recent event was listed as requiring additional insurance. Chapter Chair needs to reach out to Felicia Samuels and a form will be provided to be filled out. A quote will be provided for additional insurance.
  - a. Secondary question about if the facility has a waiver policy does this impact this. Response is that no it does not. Insurance is still required, each situation will be evaluated individually.
  - b. Secondary question about applicability in Canada. Confirmation by Rob Craddock that it is applicable and Felicia is still the individual to reach out to.
  - c. Secondary question about coverage for meetings. Regular meetings are covered, including hospitality suites.
  - d. Secondary question about a waiver for the Chapter. This will not be accepted as an alternative.

#### **ASHRAE Leadership Presentation – Dennis Knight**

1. Presentation given by Dennis Knight.
2. Question about use of ASHRAE Logo. Application of ASHRAE logos is currently under debate currently as there are workings with regions, chapters, etc. working on local standards that are not associated at the Society level.

#### **CRC Update – Ahmed Keshta**

1. Updates provided about shuttle to events on Friday & Saturday.
2. YEA Workshop room will be announced later Friday.

#### **Region Chair Report – Eileen Jensen**

1. DRC report presented by Eileen Jensen.
  - a. ESA and DSA deadline moved to December 1<sup>st</sup> from May 1<sup>st</sup>.
  - b. Fellowship award deadline moved to May 1<sup>st</sup> from December 1<sup>st</sup>.

#### **Reading of Previous Motions – Rob Craddock**

1. Reading of previous motions and responses received by Rob Craddock.

#### **Reading of Motions**

1. 6 motions, submitted prior to 2023 CRC, were read.
2. No voting took place.

#### **Chapter Reports – Chapter Delegates**

1. Vancouver Island (Chapter 145) Chapter Report delivered by Yoora Byeon (Delegate).
  - a. No Questions.
2. Southern Alberta (Chapter #18) Chapter Report delivered by Mike Cotreau (Delegate).
  - a. Question regarding status of audits. Has not been completed this year, but is intended to be.
  - b. Question regarding issues with DL. Issue noted with one DL.
  - c. Question regarding the role Sarah will be in the coming year. Was noted that Sarah will not be in SA anymore, but will still be active in the chapter.
  - d. Question regarding endowment funds. Clarification noted the intent was to contribute more to an existing fund.
3. Saskatoon (Chapter #102) Chapter Report delivered by Devin Storle (Delegate).
  - a. Question about meeting cost of \$40 per meeting. Noted that this is low for Canada.
  - b. Question about how the money was raised for the book. Contacted suppliers & consulting firms to donate for Lucey's Engineering Adventure book. Over \$7,000 raised between Regina and Saskatoon.
4. Regina (Chapter #96) Chapter Report delivered by Chris Klatt (Delegate).
  - a. Question regarding Band operating school. This refers to schools operated by the First Nations Bands.

- b. Question about the after school program. It is a weekly STEM activity for 6 weeks and usually completed semi annually.
- 5. Puget Sound (Chapter #79) Chapter Report delivered by Amin Nadimzadeh (Delegate).
  - a. Question regarding plans to spend the operational fund and size. Recommendations made to sponsor students to Winter Program, RP, leadership opportunities, and other suggestions made. Concern was raised about size of fund and the latest audit being in 2020.
- 6. British Columbia (Chapter #20) Chapter Report delivered by Alireza Zahedi (Delegate).
  - a. No questions.
- 7. Northern Alberta (Chapter #19) Chapter Report delivered by Cody Byar (Delegate).
  - a. Question about attendance by people in NWT for online webinars. None from NWT, however attendees from Northern Alberta do join.
  - b. Questions about what is the Christmas Lunch and advertising. Turkey Christmas dinner with raffles in support of the Christmas Bureau of Edmonton. Advertise through social media and word of mouth through chapter members.
- 8. Manitoba (Chapter #17) Chapter Report delivered by Marcos Guastalle (Delegate).
  - a. Question regarding organizations for who the Chapter is in collaboration with. WCA (Winnepeg Construction Association), EGM (Engineers & Geoscientists of Manitoba), Manitoba Hydro, Manitoba Climate Resilience Training.
- 9. Inland Empire (Chapter #78) Chapter Report delivered by Samuel Shoemaker (Delegate).
  - a. Question about separate Student Activities bank account. Unsure why this was originally set up that way. Golf tournament goes to SA, which is reason for why balance is higher in that account.
  - b. Question about seed money for future CRC and where it is located. Unclear at this time, would have to reference financial statements.
  - c. Question about free venue. Samuel's company has free access to conference rooms in the building they are tenants in.
  - d. Commendations given to Students Activities work within the chapter. Discussion regarding level of student involvement within chapter and retention rates.

**Adjournment @ 11:31 am**

**Reconvened - May 13, 2023 @ 9:46 am**

**Roll Call**

**Chapter Reports Continued**

- 1. Oregon (Chapter #80) Chapter Report delivered by John Tijerina (Delegate).
  - a. Question about looking at endowment fund for scholarships. Currently have not, they do provide scholarships.
  - b. Question regarding success of Bingo Event. Was successful in bringing in individuals who are not at the typical events, including more experienced individuals who were able to interact with the younger members.
  - c. Question raised about location of events if they are all centered in Portland. Currently host events in Portland, but are looking into hybrid opportunities at this point to expand the reach.
- 2. Alaska (Chapter #122) Chapter Report delivered by Elena Hartford (Delegate).
  - a. Suggestion made that training is available for Basecamp and Louise noted that she is willing to help out, just to reach out to her.
  - b. Question about types of presentations in YEA Seminars. Started off as senior members with more informal sessions about things such as how to move up in the company, soft skills, etc. Has evolved into including contractors, other engineers, architects, etc. giving presentations.

**Treasurer's Report – Norm Grusnick**

- 1. Report presented by Norm Grusnick.
- 2. Regional Budget for 2023-2024 presented.

**Nominating Committee Member – Jeffery Hurd**

- 1. Report presented by Jeffery Hurd.

#### **Audit Committee Report – Rob Craddock**

1. Report presented by Rob Craddock.

#### **Chapter Technology Transfer Report – Janice Peterson**

1. Report presented by Janice Peterson.
  - a. Questions regarding location of DL list. Noted on Society webpage. Pool of speakers is expanding.
  - b. Question if new DLs are indicated on the list or new topics. This is currently not done.
  - c. Manitoba offered to share how they complete surveys for DLs for feedback from their attendees.

#### **Membership Promotion – Greg Jernstrom**

1. Report presented by Greg Jernstrom.
  - a. Question regarding total region membership difference between MP & Treasurer. Noted that the data was from different times as Treasurer utilized last year data provided by Society, MP presented was as of March 31, 2023.
2. 3,574 regional members are registered currently in the region.

#### **Communications – Louise McKenzie**

1. Report presented by Louise McKenzie.
  - a. Question about ASHRAE membership to Canva. There are some templates that Society has, but unclear about full access.

#### **Research Promotion – John Farley**

1. Report presented by John Farley.
2. Jeff Littleton noted that Society is approximately at 50% of the goal currently for RP donations.

#### **Student Activities – Tracey McKeon**

1. Report presented by Tracey McKeon.

#### **Government Affairs – Daryl Collerman**

1. Report presented by Daryl Collerman.

#### **Young Engineers in ASHRAE – Cailin McPherson**

1. Report presented by Cailin McPherson.

#### **Historical Committee Report – Doug LeCren**

1. Report presented by Doug LeCren.

#### **Motions and Resolutions**

##### **Motion Identification No. Region 11-2023-01**

**Moved by:** British Columbia Chapter Delegate. Seconded by Regina Chapter Delegate.

**Vote Count:** For: 10 Against: 0 Abstained: 0 Absent: 1

##### **Motion Identification No. Region 11-2023-02**

**Moved by:** Regina Chapter Delegate. Seconded by Manitoba Chapter Delegate.

**Vote Count:** For: 10 Against: 0 Abstained: 0 Absent: 1

##### **Motion Identification No. Region 11-2023-03**

**Moved by:** Regina Chapter Delegate. Seconded by Manitoba Chapter Delegate.

**Vote Count:** For: 10 Against: 0 Abstained: 0 Absent: 1

##### **Motion Identification No. Region 11-2023-04**

**Moved by:** Regina Chapter Delegate. Seconded by Manitoba Chapter Delegate.

**Vote Count:** For: 10 Against: 0 Abstained: 0 Absent: 1

##### **Motion Identification No. Region 11-2023-05**

**Moved by:** Vancouver Island Chapter Delegate. Seconded by Alaska Delegate.

**Vote Count:** For: 2 Against: 8 Abstained: 0 Absent: 1

**Motion Identification No.** Region 11-2023-06

**Moved by:** Regina Chapter Delegate. Seconded by Alaska Chapter Delegate.

**Vote Count:** For: 7 Against: 2 Abstained: 1 Absent: 1

**Motion Identification No.** Region 11-2023-07

**Moved by:** Regina Chapter Delegate. Seconded by Alaska Chapter Delegate.

**Vote Count:** For: 10 Against: 0 Abstained: 0 Absent: 1

**Motion Identification No.** Region 11-2023-08 (Moved on the floor)

**Moved by:** Vancouver Island Chapter Delegate. Seconded by Saskatoon Chapter Delegate.

**Vote Count:** For: 2 Against: 7 Abstained: 1 Absent: 1

#### **New Business**

1. Reviewed upcoming meetings & CRCs as per list included in agenda.
2. Presentation by Inland Empire chapter delegate for 2024 CRC in Spokane, Washington.

#### **Adjournment**

Meeting was adjourned at 12:31 pm

**2023-2024**  
**CRC CHAPTER SUMMARY REPORT INSTRUCTIONS**

**1. MEMBERSHIP PROMOTION:**

- **Area assigned members** = members who have paid society dues (available from the **PAOE Area Assigned Member Count Listing** on the ASHRAE website). At [www.ashrae.org](http://www.ashrae.org), login using your email address and password. Mouse over the Communities tab and select Chapter Reports, PAOE and CIQ located on the left. On next page, select the PAOE icon (blue trophy). Under the Presidential Award of Excellence title, select Report (blue box with arrow pointing up). Click on dropdown box for Area Assigned Members then select the PAOE Society year for Area Assigned Members which lists Members and Students, by Region and Chapter.
- **Chapter dues paying members** = number of members in current chapter roster, excluding students (available from the **Chapter Dues Paid/Unpaid Report**). This report is included with the Chapter Reports posted on the ASHRAE website at [www.ashrae.org](http://www.ashrae.org). Use the same login information as shown above in Membership Promotion, select the Chapter Reports icon (orange square with arrow pointing up). **In the second box marked Dues, select "Paid to Society: PDF/XLS"** (pdf or Excel; run by date).
- **New members to date** = new chapter dues paying members (available from the **New Members Report**). This report is included with the Chapter Reports posted on the ASHRAE website at [www.ashrae.org](http://www.ashrae.org). (See instructions above in **Chapter Dues Paying Members**), then select **New Members, PDF or XLS** (pdf or Excel; run by date).
- **Delinquent members to date** = delinquent area assigned members (available from the **Society Unpaid Dues Report-Members**). This report is included with the Chapter Reports on the ASHRAE website at [www.ashrae.org](http://www.ashrae.org). (See instructions above in **Chapter Dues Paying Members**), in the second box marked **Dues, select Delinquency** (Excel; run by date).

Instructions to access the Chapter Reports are listed in the above paragraph for Chapter Dues Paying Members. These are live data reports so your numbers are up-to-date. **If you have any questions or need further assistance, please contact the following ASHRAE staff: Daniel Gurley ([dgurley@ashrae.org](mailto:dgurley@ashrae.org)); or Tammy Catchings ([tcatchings@ashrae.org](mailto:tcatchings@ashrae.org)) or Pacia Wright ([pwright@ashrae.org](mailto:pwright@ashrae.org)).**

**2. STUDENT ACTIVITIES:**

- The number of new student members is available from chapter membership report. (See instructions above in **Chapter Dues Paying Members**), then select **Chapter Change Detail, Summary, PDF** (PDF; run by date).
- List the number of student branches the chapter is currently supporting.

Information that may be included in the attached chapter executive summary; number of K-12 student activities, number of post high school student activities, number of teach-ins per class to an organized student group and monthly meeting student nights. **For more information contact ASHRAE staff Katie Thomson ([kthomson@ashrae.org](mailto:kthomson@ashrae.org)).**

**3. CHAPTER TECHNOLOGY TRANSFER:**

Information that may be included in the attached chapter executive summary; the number of technical programs on refrigeration technology to professional or business groups, number of presentations by an ASHRAE TC member, number of chapter sponsored continuing education courses and the number of Technology Award submittals into chapter, regional and Society competition.

- List the number of regular monthly meetings with tech program
- List the average chapter monthly meeting attendance
- List the number of seminars, ALI courses, tours or other technical programs outside regular monthly meeting
- List the number of chapter social events
- List the number of Chapter Technology Awards and the number of chapter presentations on refrigeration technology



Information that may be included in the attached chapter executive summary; if the full chapter yearly programs and speakers and schedules were announced in the chapter newsletter by October 22, list of chapter programs and speakers. **For more information contact ASHRAE staff Rhianon Masterson ([rmasterson@ashrae.org](mailto:rmasterson@ashrae.org)).**

#### **4. RESEARCH PROMOTION/FUNDRAISING:**

- List the chapter goal and the total dollars contributed.

Information that may be included in the attached chapter executive summary; full circle level, number of RP nights, number of contributions \$50 and above, High Five Award and RP trends. **For more information contact ASHRAE staff Julia Mumford ([jmumford@ashrae.org](mailto:jmumford@ashrae.org)).**

#### **5. GOVERNMENT AFFAIRS:**

- List the Chapter goals and grassroots activities of the past year.
- Seeking proclamations from Governors, Mayors and other elected officials for National Engineers Week (E-week)
- Soliciting nominations for the Government Advocacy Award and obtaining Government Affairs Award entries into regional competition
- Other grassroots activities not mentioned above.

Information that may be included: holding combined Chapter meetings with other organizations to discuss HVAC&R, visiting elected/appointed officials, holding a "Day on the Hill," inviting elected/appointed officials to speak at Chapter meetings. **For more information contact ASHRAE staff Alice Yates ([ayates@ashrae.org](mailto:ayates@ashrae.org)).**

#### **6. YOUNG ENGINEERS IN ASHRAE (YEA):**

- List the number of new YEA members
- List the total number of YEA members
- List what percentage of the chapter total membership is comprised of YEA members

Information that may be included in the attached chapter executive summary; number of YEA activities and/or events, any SmartStart promotions, and any collaborations with other committee to promote membership recruitment and retention. **For more information contact ASHRAE staff Jeanette McCray ([jmccray@ashrae.org](mailto:jmccray@ashrae.org)).**

#### **7. CHAPTER HISTORY:**

Indicate if the chapter had a historical display at the CRC or has moved the current history information to the chapter website.

#### **8. FINANCES:**

List the chapter total funds balance (include all accounts), chapter dues, average monthly meal cost and the date of the last chapter audit.

Information that may be included in the attached chapter executive summary; the dollar amount for reserve funds, active checking, scholarship accounts. Describe any other sources of income and describe any special project or programs funded by the chapter.

#### **Contents of Chapter Executive Summary Attachment:**

##### **1. Chapter Problems**

List your chapter's problems and comment on your solutions to these problems.

##### **2. Chapter Innovations and Suggestions**

Comment on any successes and new ideas that were introduced during the year.

##### **3. CRC Summary Form Background**

Include a brief paragraph for each section of the CRC summary report form that highlights the chapter activities not included on the summary for each area.

## 2023-2024 ASHRAE CRC CHAPTER SUMMARY REPORT

<b>REGION</b>		<b>CHAPTER WEBSITE:</b>		
<b>CRC LOCATION</b>				
<b>CHAPTER</b>				
<b>CHAPTER NUMBER</b>				
<b>1. MEMBERSHIP PROMOTION</b>		<b>YTD/REPORTED 2023-2024</b>	<b>REPORTED 2022-2023</b>	<b>REPORTED 2021-2022</b>
NUMBER OF AREA-ASSIGNED MEMBERS (AAM)				
NUMBER OF CHAPTER DUES PAYING MEMBERS (CDPM)				
NUMBER OF NEW MEMBERS TO DATE (AAM)				
NUMBER OF MEMBERS DELINQUENT TO DATE (AAM)				
<b>2. STUDENT ACTIVITIES</b>				
NUMBER OF NEW STUDENT MEMBERS				
NUMBER OF ACTIVE STUDENT BRANCHES				
<b>3. CHAPTER TECHNOLOGY TRANSFER</b>				
NUMBER OF REGULAR MONTHLY MEETINGS WITH TECH PROGRAM				
MONTHLY MEETING ATTENDANCE (TOTAL/AVERAGE)				
NUMBER OF SEMINARS, ALI COURSES, TOURS OR OTHER TECHNICAL PROGRAMS OUTSIDE REGULAR MONTHLY MEETING				
NUMBER OF TECHNICAL PROGRAMS ON REFRIGERATION TECHNOLOGY				
NUMBER OF SOCIAL EVENTS SEPARATE FROM A TECHNICAL PROGRAM (I.E. GOLF, MEMBER'S NIGHT OUT, ETC.)				
NUMBER OF TECHNOLOGY AWARD SUBMITTALS TO CHAPTER/REGION				
<b>4. RESEARCH PROMOTION/FUNDRAISING</b>				
CHAPTER GOAL				
TOTAL DOLLARS CONTRIBUTED				
<b>5. GOVERNMENT AFFAIRS</b>				
LIST THE CHAPTER GOALS AND GRASSROOTS ADVOCACY OF THE PAST YEAR (USE SEPARATE PAGE)				
INFORMATION THAT MAY BE INCLUDED: HOLDING COMBINED CHAPTER MEETINGS WITH OTHER ORGANIZATIONS TO DISCUSS HVAC&R, VISITING ELECTED/APPOINTED OFFICIALS, HOLDING A "DAY ON THE HILL," INVITING ELECTED/APPOINTED OFFICIALS TO SPEAK AT CHAPTER MEETINGS				
SEEKING PROCLAMATIONS FROM GOVERNORS, MAYORS AND OTHER ELECTED OFFICIALS FOR NATIONAL ENGINEERS WEEK (E-WEEK)				
SOLICITING NOMINATIONS FOR THE GOVERNMENT ADVOCACY AWARD AND OBTAINING GOVERNMENT AFFAIRS AWARD ENTRIES INTO REGIONAL COMPETITION				
NUMBER OF ADVOCACY MEETINGS AND OTHER ACTIVITIES				
OTHER GRASSROOTS ACTIVITIES NOT MENTIONED ABOVE (USE SEPARATE PAGE)				

<b>6. YOUNG ENGINEERS IN ASHRAE (YEA)</b>				
NUMBER OF NEW YEA MEMBERS				
NUMBER OF TOTAL YEA MEMBERS				
PERCENTAGE OF YEA MEMBERS FROM THE TOTAL CHAPTER MEMBERSHIP				
<b>7. CHAPTER HISTORY</b>				
CHAPTER HISTORICAL DISPLAY AT CRC				
CHAPTER HISTORY MOVED TO WEB SITE				
<b>8. FINANCES</b>				
TOTAL FUNDS BALANCE				
CHAPTER DUES				
MEMBER COST OF MEALS				
DATE OF LAST CHAPTER AUDIT				

**SPRING CRCs – ENTER DATA FOR THE CURRENT YEAR IN THE “YTD REPORTED” COLUMN AND ENTER YTD RESULTS OF PREVIOUS YEARS IN THE LAST TWO COLUMNS.**

**FALL CRCs – ENTER DATA FOR THE YEAR JUST COMPLETED IN THE “YTD REPORTED” COLUMN AND ENTER DATA FOR YEAR-END RESULTS OF PREVIOUS YEARS IN THE LAST TWO COLUMNS.**

## MOTIONS AND RESOLUTIONS AT THE CRC

Chapter members have the right and the responsibility to present to the chapter CRC Action Committee motions to enhance regional, chapter or Society activity. These motions will be presented by the delegate during the business session at the CRC where they can be discussed and voted on, following Robert's Rules of Order. Motions and resolutions coming out of the CRC can be most effective if presented in proper form. A fine conceptual resolution can be lost in the legislative process at Society level for want of proper wording, background explanation or research. The purpose of this document is to furnish suggestions for proper development of motions and procedures to funnel the motion into the correct committees.

All CRC motions except regional motions are brought to the Members Council by the RMCR for action. Members Council will approve, disapprove, postpone, amend or refer these motions in accordance with the following:

- A. Committees and Councils to which Members Council refers a motion must report the disposition of the motion to Members Council.
- B. CRC motions affecting the Presidential Award of Excellence will be reviewed and discussed by the Members Council and recommendations forwarded to the President-Elect.
- C. The RMCR has the responsibility of monitoring all CRC motions from his/her region and reporting at the next CRC the status of those motions.

**MOTION FORMAT:** The motion should be written in concise, succinct language ("whereas" and "legalese" do not enhance the understandability or acceptability of motions). A sample format is shown on the next page. The body of the motion should contain as completely as possible the following information:

- A. State completely the action which is being recommended or required. Example: "Move that Society dues be lowered..."
- B. Qualify wherever possible elements of the motion so that they are not open-ended or open for interpretation, debate or floor negotiation. Example: "Move that Society dues be lowered to \$90 per year..."
- C. Include wherever appropriate the time frame for the execution of your request. Example: "Move that Society dues be lowered to \$90 per year, effective July 1, 2013" (with background data on fiscal impact, if possible).
- D. Where a motion is expected to modify or to become a Rule of the Board (ROB), it should be worded as the proposed Rule of the Board it is intended to read.

**REQUIRED BACKGROUND INFORMATION:** As a separate statement, provide historical background, progression of events, related incidents or other general information which would be helpful for the council and subsequently Board of Directors to appropriately debate and decide on the issue. The more thorough the background, the more convincing the arguments, the more complete the research, the more beneficial the request is to the betterment of the Society, the more likely the matter will be dealt with favorably.

In summary, a good motion spells out who, what, when, how much and then explains why it is good and timely action.



# CRC MOTION

(check one): ☐ Regional Motion ☐ Society Motion

**Motion Identification No.**  
(Region No., Motion No., Date)

**Region No.**

**Motion No.**

**Date**

**Moved By:**

**Seconded By:**

**Motion:**

**Background Information:**

**Fiscal Impact:**

**Staff Impact:**

**Vote Count:**

For \_\_\_\_\_ Against \_\_\_\_\_ Abstained \_\_\_\_\_ Absent: \_\_\_\_\_

Chair Voting? Yes ☐ No ☐

Passed: ☐ Failed: ☐ Withdrawn ☐ Referred To: \_\_\_\_\_

## **JOHN F. JAMES INTERNATIONAL AWARD**

Guidelines for the award shall be as follows:

- A. The purpose of the award is to recognize members of the Society who have done the most to enhance the Society's international presence or posture. This award shall only be awarded once to a member. (08-06-23-11)
- B. The award shall be in the form of a plaque, lapel pin, and transportation, if not otherwise reimbursed by the Society. The award may be presented at the Winter Meeting of the Society. (05-06-27-41)
- C. A list of candidates shall be submitted to the Members Council Planning Subcommittee for approval by the committee, who shall then nominate a candidate to the ASHRAE Honors and Awards Committee no later than the preceding Annual Meeting, together with documentation supporting their recommendation detailing the nominees accomplishments that enhanced the Society International presence as described in paragraph D below. (This includes promotion of ASHRAE through relations with Associate Societies and HVAC&R related societies in other countries.) (02-01-13-14-28/05-06-27-41)
- D. The selection of the candidate shall be based upon any one or a combination of the following:
  - (1) Participation in International activities related to ASHRAE's interest.
  - (2) Exchange of information with international communities in the form of symposia, seminars, lectures, etc. (05-06-27-41)
  - (3) Dissemination of ASHRAE technical information for the enhancement of international standards.
  - (4) Adaptation or introduction of innovative HVAC&R technology(ies) between two or more countries. (05-06-27-41)
  - (5) Recruitment of members, and/or the formation of chapters, sections and student branches outside North America. (05-06-27-41)
  - (6) Previous recipients are not eligible to receive this award more than once.
- E. Nominations may come directly from a member or from a CRC nomination. Nominations with support documentation should be sent to Members Council through the Regional Conferences or directly to the Director of Member Services no later than May 1. (05-06-27-41)
- F. The Honors and Awards Committee shall forward the name of the approved candidate to the Members Council for final approval.

**REGION XI ALASKA**

Member ID	Name	Current Grade
8256443	Miss Cheyenne Andrea Alabanzas	Associate
8097971	Mrs Jessica E Cherry	Associate
5163233	Mr Glenn R Evans	Full Member
5166660	Mr Craig D Fredeen	Full Member
8348325	Philip M. Hayes-Vasilieva	Full Member
2036726	Mr Walter K Heins, I	Life Member
5208699	Mr Jeffery D Hurd	Full Member
5208699	Mr Jeffery D Hurd	Full Member
8093810	Mr Gregory Thomas Jernstrom, PE	Full Member
8084188	Mr Matthew A Kampen	Full Member
5043123	Mr Douglas B LeCren	Full Member
5043123	Mr Douglas B LeCren	Full Member
8047529	Mrs Tracy L McKeon, PE	Full Member
516159	Mr Boyd Morgenthaler, PE	Life Member
8092195	Mr Matthew R Olson	Associate
8125625	Mr Samuel Ratnasigamani	Full Member
610659	Mr Thomas M Reinarts	Life Member
8230806	Craig Rohwer	Associate
8113946	Mr Bart Semmler	Associate
5148579	Mr David F Shumway	Full Member
5148579	Mr David F Shumway	Full Member
5148579	Mr David F Shumway	Full Member
2016739	Mr Michael J Stinebaugh	Life Member
8464172	Ron Thompson	Full Member
8464172	Ron Thompson	Full Member
761454	Mr Jan Van Den Top, PE	Life Member
8102557	Mr Nathan P Zeigler	Full Member
8102557	Mr Nathan P Zeigler	Full Member

**BRITISH COLUMBIA**

Member ID	Name	Current Grade
8117887	Mr Mohammad Javad Afshin	Full Member
74721	Mr Alexander Boome, IV, P.Eng, PE	Life Member
74721	Mr Alexander Boome, IV, P.Eng, PE	Life Member
81850	Mr Eric C Bradley	Full Member
8208439	Mr Alexander Brosky	Associate
117045	Mr Dale E Carter	Fellow Life Member
117045	Mr Dale E Carter	Fellow Life Member
117045	Mr Dale E Carter	Fellow Life Member
117045	Mr Dale E Carter	Fellow Life Member
117045	Mr Dale E Carter	Fellow Life Member
127778	Mr Edward S Chessor, PE	Life Member
2049699	Mr Christopher W Collett	Life Member
229398	Mr Donald R Fisher	Life Member

8456712	Mr Iram Green	Full Member
5058890	Mr Norman Grusnick, PE	Life Member
5058890	Mr Norman Grusnick, PE	Life Member
5058890	Mr Norman Grusnick, PE	Life Member

**BRITISH COLUMBIA (continued)**

8160069	Mr Stephen Kooiman, P.Eng	Full Member
8160069	Mr Stephen Kooiman, P.Eng	Full Member
421713	Mr Toby K W Lau, PE	Life Member
7991636	Mr Wan Fuk Lin, Eng	Full Member
2002241	Mr Christopher S Malloy	Life Member
464333	Mr Paul E Marmion, P.Eng	Life Member
467451	Mr Robert T Martin, PE	Life Member
476118	Mr Blair T McCarry, P.Eng, PE	Fellow Life Member
476118	Mr Blair T McCarry, P.Eng, PE	Fellow Life Member
476118	Mr Blair T McCarry, P.Eng, PE	Fellow Life Member
476118	Mr Blair T McCarry, P.Eng, PE	Fellow Life Member
5184148	Mr Alfredo Munoz	Full Member
3027997	Mr Godfrey H J Nash, P.Eng	Life Member
2050906	Mr Brian A O'Donnell	Life Member
2050906	Mr Brian A O'Donnell	Life Member
2039024	Mr Lester J Pereira	Retired Member
8208151	Dr Mohammad Rafati	Associate
8208151	Dr Mohammad Rafati	Associate
8144869	Ms Kimberly A Rosval	Associate
5184785	Mr Charles W Sabean	Associate
5094740	Mr Hamid Samani, P.Eng.	Full Member
2002974	Mr Elia M Sterling	Life Member
718177	Mr Ronald H Strong, P.Eng	Fellow Life Member
718177	Mr Ronald H Strong, P.Eng	Fellow Life Member
2037798	Mr Peter T Sung	Full Member
782622	Mr Gary E Way	Life Member

**INLAND EMPIRE**

Member ID	Name	Current Grade
8055053	Mr Jay P Ashbaugh, PE	Full Member
8044094	Mr Colin M Bates, PE	Full Member
82977	Dr Michael R Brambley, PhD	Fellow Life Member
82977	Dr Michael R Brambley, PhD	Fellow Life Member
82977	Dr Michael R Brambley, PhD	Fellow Life Member
5216545	Mr Michael J Caffrey	Full Member
5223615	Mr Jacob L Deering, PE	Associate
8210465	Mr Robert Dixon	Full Member
8108477	Mr Benjamin Frank Gozart	Associate
5153450	Mrs Traci A Hanegan	Fellow Member
5153450	Mrs Traci A Hanegan	Fellow Member
5153450	Mrs Traci A Hanegan	Fellow Member
5153450	Mrs Traci A Hanegan	Fellow Member



319939	Mr Terry M Herron	Life Member
5016671	Mr Lucas B Hyman, PE	Full Member
5016671	Mr Lucas B Hyman, PE	Full Member
5016671	Mr Lucas B Hyman, PE	Full Member
2025866	Dr Srinivas Katipamula	Fellow Member
2025866	Dr Srinivas Katipamula	Fellow Member
2025866	Dr Srinivas Katipamula	Fellow Member

#### **INLAND EMPIRE (continued)**

8311597	Jamie Kono	Associate
2007214	Mr Jacob Laete, PE	Life Member
2007214	Mr Jacob Laete, PE	Life Member
5213660	Mr Matthew G Landoe	Full Member
8208752	Ms Emilie Moreshead	Associate
2031195	Mr Bruce I Nelson	Life Member
5133465	Mr David G Reames, PE	Full Member
5133465	Mr David G Reames, PE	Full Member
5170902	Mr Randall C Wilkinson, PE	Full Member

#### **MANITOBA**

<b>Member ID</b>	<b>Name</b>	<b>Current Grade</b>
8249480	Mr Justin Albo	Full Member
42268	Mr Dieter Bartel	Life Member
42268	Mr Dieter Bartel	Life Member
42268	Mr Dieter Bartel	Life Member
2051277	Mr Robert G Bisson	Retired Member
8189816	Mr Jordan Bull	Associate
128763	Mr Neil James Childs	Life Member
128763	Mr Neil James Childs	Life Member
5175517	Mr Peter Gryc	Full Member
5124235	Mr Russell J Lavitt, P.Eng.	Full Member
5124235	Mr Russell J Lavitt, P.Eng.	Full Member
5124235	Mr Russell J Lavitt, P.Eng.	Full Member
481585	Mr Robert McDowall, P.Eng	Life Member
481585	Mr Robert McDowall, P.Eng	Life Member
5189762	Mr Corey W Nation, P.Eng	Full Member
8060506	Mr Stephen S Norsworthy, P.Eng.	Full Member
2024380	Mr Elbert G Phillips	Fellow Life Member
2024380	Mr Elbert G Phillips	Fellow Life Member
2024380	Mr Elbert G Phillips	Fellow Life Member
2024380	Mr Elbert G Phillips	Fellow Life Member
2024380	Mr Elbert G Phillips	Fellow Life Member
8207662	Mr Gavin Dennis Stewart	Associate
5061235	Mr David M Stones, PE	Life Member
8109873	Mr David Surminski, P.Eng	Associate
5012965	Mr Denton M Vandersteen, PE	Full Member
5149859	Mr Stirling Walkes	Full Member
2034107	Mr Craig P Wray, P.Eng	Full Member

2034107	Mr Craig P Wray, P.Eng	Full Member
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#### NORTHERN ALBERTA

Member ID	Name	Current Grade
8027546	Ms Lindsay W Austrom	Full Member
8108153	Mr Wesley J. Bruce	Full Member
2029083	Mr Jeffrey M Elkow	Life Member
291897	Mr Ivan A Hall, P.Eng.	Life Member
291897	Mr Ivan A Hall, P.Eng.	Life Member
8198608	Mr Mark Henry	Full Member

#### NORTHERN ALBERTA (continued)

8027662	Mr Heric D Holmes, PE	Full Member
8027662	Mr Heric D Holmes, PE	Full Member
8027662	Mr Heric D Holmes, PE	Full Member
8105077	Mr Tom S J Jacknisky	Full Member
5176573	Mr Grant S Kidd, P.Eng	Full Member
407327	Mr Greg A Kroening	Life Member
5064647	Mr Darren K McPherson	Associate
516780	Mr Marshall J Mormyluk	Life Member
8193753	Mr Justin M Phill	Full Member
8060267	Mr Kent A Signorini	Full Member
8232928	Mr Lyle Van Wieren	Associate
5160485	Ms Shanon L Warner	Full Member

#### OREGON

Member ID	Name	Current Grade
8261960	Mr Adam Buchholz	Associate
8036748	Mr Adam C Carlson	Full Member
116883	Mr Larry M Carson	Life Member
8069137	Mr Brian Coffield	Associate
8069137	Mr Brian Coffield	Associate
8208064	Nicole Dunbar	Full Member
198857	Prof Douglas W Dunford	Life Member
198857	Prof Douglas W Dunford	Life Member
198857	Prof Douglas W Dunford	Life Member
8079123	Mr John D Farley, PE	Full Member
288130	Mr James M Haberman, PE	Life Member
5066823	Ms Katherine G Hammack	Fellow Member
5066823	Ms Katherine G Hammack	Fellow Member
5206098	Dr Robert J Hitchcock	Full Member
5206098	Dr Robert J Hitchcock	Full Member
8203420	Mr Geoffrey Jenks	Full Member
3025646	Ms N Eileen Jensen, PE	Life Member
3025646	Ms N Eileen Jensen, PE	Life Member
3025646	Ms N Eileen Jensen, PE	Life Member
5150572	Prof Alison G Kwok, PhD	S-B-A Member
8228635	Mr Ariel Levy	Associate

5161156	Mr Stefan Lidington	Full Member
5161156	Mr Stefan Lidington	Full Member
5172434	Ms Bing Liu	Fellow Member
5172434	Ms Bing Liu	Fellow Member
2011545	Mr Kevin L Marple	Life Member
2011545	Mr Kevin L Marple	Life Member
2011545	Mr Kevin L Marple	Life Member
2011545	Mr Kevin L Marple	Life Member
5077229	Ms Janice C Peterson	Life Member
5077229	Ms Janice C Peterson	Life Member
8306045	Ryan Pinckard	Full Member
8306045	Ryan Pinckard	Full Member
611253	Dr Gordon M Reistad	Life Member

**OREGON (continued)**

7993906	Mr Michael I Rosenberg	Fellow Member
663309	Mr Lewis E Seagraves	Life Member
663309	Mr Lewis E Seagraves	Life Member
663309	Mr Lewis E Seagraves	Life Member
8399455	Ms Natalie Elizabeth Sherwood, PE	Associate
8253739	Julia Stone	Associate
738180	Mr James F Thomas	Life Member
8072903	Ms Megan Tosh, PE	Full Member
8072903	Ms Megan Tosh, PE	Full Member
8072903	Ms Megan Tosh, PE	Full Member
752166	Mr John O Trueb	Life Member
2051114	Dr George A Tsongas, PE	Fellow Life Member
2001913	Ms Anne Wagner	Life Member
8157426	Mr Alexander Wilson	Associate
820131	Mr Keith A Yelton	Life Member
820131	Mr Keith A Yelton	Life Member
820131	Mr Keith A Yelton	Life Member

**PUGET SOUND**

Member ID	Name	Current Grade
8089646	Mr Sean Abbott	Full Member
5193684	Mr Peter F Alspach	Full Member
5110187	Mr Peter Arthursson, PE	Associate
8099147	Mr Tamas Bencsik, PE	Full Member
57334	Mr John F Bergo	Life Member
5058121	Mr Norman J Brown, PE	Life Member
2019492	Mr David L Budd, PE	Full Member
2019492	Mr David L Budd, PE	Full Member
5156930	Mr Alan M Burt	Associate
8191505	Ms Carmen Cejudo	Full Member
8050726	Mr C Hwakong Cheng	Full Member
5145136	Mr Rand N Conger, PE	Full Member
552467	Jill A Connell, PE	Life Member

8239367	Mr Richard Doremus	Full Member
5113518	Dr Ashley F Emery, PE	Fellow S-B-A Member
8014680	Joseph T Firrantello	Full Member
8014680	Joseph T Firrantello	Full Member
8175688	Mr Stephen Forner	Full Member
251343	Mr M David Gardner, PE	Fellow Life Member
251343	Mr M David Gardner, PE	Fellow Life Member
7990779	Mr Mark E Gardner	Full Member
5095204	Dr Krishnan Gowri, PhD	Fellow Member
5095204	Dr Krishnan Gowri, PhD	Fellow Member
272781	Dr Lois Graham	Fellow Life Member
5184810	Mr Brian Haugk, PE	Full Member
5184810	Mr Brian Haugk, PE	Full Member
8132739	Mr Michael Hedrick	Full Member
8132739	Mr Michael Hedrick	Full Member
7979859	Mr Jonathan M Heller	Full Member

#### **PUGET SOUND**

7979859	Mr Jonathan M Heller	Full Member
7979859	Mr Jonathan M Heller	Full Member
325134	Mr Ray W Hinea, Jr, PE	Life Member
329919	Mr John F Hogan, PE	Life Member
329919	Mr John F Hogan, PE	Life Member
5031093	Mr Raymond H Horstman, PE	Fellow Life Member
2007393	Mr Don M Iverson, PE	Life Member
354456	Mr Joel K Jackman, PE	Life Member
5136230	Ms Leslie A Jonsson	Full Member
5136230	Ms Leslie A Jonsson	Full Member
7988695	Dr Chao-Hsin Lin, PE	Fellow Member
7988695	Dr Chao-Hsin Lin, PE	Fellow Member
8089391	Ms Jessica A Mangler, PE	Full Member
8304654	Jeremy L McClanathan	Associate
8105961	Miss Luna Michael	Full Member
540337	Mr Paul T Ninomura, PE	Life Member
550341	Mr Erling J Olsen, PE	Fellow Life Member
550341	Mr Erling J Olsen, PE	Fellow Life Member
5205313	Mr Seth S Pike	Full Member
8221177	Mr Devon S Powell	Associate
7960441	Ms April L Ricketts, PE	Full Member
5045109	Rae Anne Rushing, PE	Full Member
8084670	Ms Kathi Shoemake, PE	Full Member
3027596	Mr Jeff Sloan	Life Member
8296930	Mr Zachary Stevens	Associate
5193389	Ms Angela D Templin, PE	Full Member
5058081	Ms Holly Robinson Townes, PE	Life Member
8169398	Mrs Caroline Fluhrer Traube, PE	Full Member
5131270	Mr Ken A Warren, PE	Full Member
2029311	Mr Robert W Whealy, PE	Life Member

8076240	Mrs Tiffany J Zimmer-Rourke	Full Member
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### REGINA

Member ID	Name	Current Grade
77571	Mr Norbert J Boulanger	Life Member
8050510	Mr Edward K Cooke	Full Member
5173438	Mr Rob Craddock	Full Member
5173438	Mr Rob Craddock	Full Member
5173438	Mr Rob Craddock	Full Member
5173438	Mr Rob Craddock	Full Member
5173438	Mr Rob Craddock	Full Member
7967979	Mr Jason T Danyliw, P.Eng	Full Member
211653	Mr Robert J England	Life Member
5055417	Mr Greg Fluter, P.Eng.	Full Member
5055417	Mr Greg Fluter, P.Eng.	Full Member
8241887	Mr Bradley Huber	Associate
2017484	Mr Wayne M Hydeman	Life Member
8163335	Mr Chris Klatt	Full Member
5220136	Mr Jared R Larson	S-B-A Member

### REGINA (continued)

5220136	Mr Jared R Larson	S-B-A Member
5220136	Mr Jared R Larson	S-B-A Member
8275858	Mrs Cailin MacPherson	Associate
2014579	Mr Murdoch D MacPherson, PE	Life Member
2014579	Mr Murdoch D MacPherson, PE	Life Member
8200952	Mr Pierre-Andre Ranger	Full Member
3001365	Mr Ray P Sieber	Full Member
3001365	Mr Ray P Sieber	Full Member
8144690	Mrs Carla M Spriggs	Full Member
8097202	Ms Janel L Walter, P. Eng	Full Member
8134629	Ms Alana M Yip, P.Eng	Associate

### SASKATOON

Member ID	Name	Current Grade
2048129	Mr Robert John Daniels	Life Member
171842	Mr K William Dean, P.Eng	Life Member
171842	Mr K William Dean, P.Eng	Life Member
171842	Mr K William Dean, P.Eng	Life Member
2037196	Mr Jonathan A French	Full Member
2037196	Mr Jonathan A French	Full Member
5221733	Mr Jeffrey A Frie	Full Member
8309620	Mr Jordan B Hittel	Associate
387895	Dr S L Khanna	Life Member
7987202	Mr Ryan M MacGillivray, P.Eng	Full Member
7987202	Mr Ryan M MacGillivray, P.Eng	Full Member
662121	Mr John D Scott	Life Member
5127863	Dr Carey J Simonson	Fellow S-B-A Member

5127863	Dr Carey J Simonson	Fellow S-B-A Member
5127863	Dr Carey J Simonson	Fellow S-B-A Member
5127863	Dr Carey J Simonson	Fellow S-B-A Member

#### **SOUTHERN ALBERTA**

<b>Member ID</b>	<b>Name</b>	<b>Current Grade</b>
5019992	Mr Robert Bean	Fellow Member
5019992	Mr Robert Bean	Fellow Member
5019992	Mr Robert Bean	Fellow Member
63234	Mr Erich Binder	Life Member
63234	Mr Erich Binder	Life Member
63234	Mr Erich Binder	Life Member
63234	Mr Erich Binder	Life Member
63234	Mr Erich Binder	Life Member
8033091	Mr Don R Blacklock	Full Member
5193520	Mr Tyler S Bungay	Full Member
2007103	Mr John A Forrest	Life Member
8135589	Ms Dana Marie Heller	Full Member
332775	Mr Bill Holmes	Life Member
5084870	Mr Peter S Litwinow	Full Member
446985	Mr F Robert Lounsbury, P.Eng	Life Member
2014350	Mr Tim J McGinn, P.Eng.	Fellow Member

#### **SOUTHERN ALBERTA (continued)**

2014350	Mr Tim J McGinn, P.Eng.	Fellow Member
2014350	Mr Tim J McGinn, P.Eng.	Fellow Member
2014350	Mr Tim J McGinn, P.Eng.	Fellow Member
2014350	Mr Tim J McGinn, P.Eng.	Fellow Member
2014350	Mr Tim J McGinn, P.Eng.	Fellow Member
8070542	Mr Regan Moffatt	Associate
600264	Mr Earl J Radu	Life Member
3035553	Mr Trent P Theaker	Full Member

#### **VANCOUVER ISLAND**

<b>Member ID</b>	<b>Name</b>	<b>Current Grade</b>
8260192	Mr Daryl Glen Collerman	Full Member
8260192	Mr Daryl Glen Collerman	Full Member
8115435	Mr Kyle W Hasenkox	Full Member
5192985	Mr Thomas Joseph LeRoy	Full Member
5063137	Mr Alexander G McGowan, P.Eng	Full Member
8170618	Ms Louise G McKenzie	Full Member
8170618	Ms Louise G McKenzie	Full Member
8170618	Ms Louise G McKenzie	Full Member
495342	Mr Robert J Meredith	Life Member
495342	Mr Robert J Meredith	Life Member
5095205	Mr Arthur G Sutherland	Full Member
8130680	Mr Calvin Lee Tripp	Associate
752220	Mr Cedric S Trueman, P.Eng	Life Member

752220	Mr Cedric S Trueman, P.Eng	Life Member
752220	Mr Cedric S Trueman, P.Eng	Life Member
7977281	Mr Mark W Watson	Full Member

Award Description
2023 - Chapter Service Award
2023 - Chapter Service Award
2008 - Chapter Service Award
2008 - Chapter Service Award
2024 - Chapter Service Award
2023 - Chapter Service Award
2008 - Chapter Service Award
2020 - Regional Award of Merit
2019 - Chapter Service Award
2019 - Chapter Service Award
2008 - Chapter Service Award
2012 - Regional Award of Merit
2023 - Chapter Service Award
2002 - ASHRAE Technology Award
2020 - ASHRAE Technology Award
2023 - Chapter Service Award
2005 - Distinguished Service Award
2019 - Chapter Service Award
2020 - ASHRAE Technology Award
2002 - ASHRAE Technology Award
2014 - ASHRAE Technology Award
2020 - ASHRAE Technology Award
2008 - Chapter Service Award
2008 - Chapter Service Award
2008 - Regional Award of Merit
2008 - Chapter Service Award
2020 - Chapter Service Award
2022 - William J Collins RP Award

Award Description
2023 - Chapter Service Award
1992 - Regional Award of Merit
1998 - Distinguished Service Award
2011 - Chapter Service Award
2016 - Student Design Project Competition Award
1995 - Regional Award of Merit
2005 - Distinguished Service Award
2012 - Fellow Award
2013 - Exceptional Service Award
2018 - Chapter Service Award
2010 - Chapter Service Award
2011 - Chapter Service Award
2006 - ASHRAE Tech/Sym Paper



2023 - ASHRAE Technology Award
2009 - Chapter Service Award
2009 - Regional Award of Merit
2015 - Distinguished Service Award

2016 - Chapter Service Award
2023 - ASHRAE Technology Award
2010 - Chapter Service Award
2015 - Chapter Service Award
2011 - Chapter Service Award
2012 - ASHRAE Technology Award
1990 - Regional Award of Merit
1996 - ASHRAE Symposium Paper
1998 - ASHRAE Technology Award
2001 - Fellow Award
2023 - Distinguished 50-Year Member Award
2013 - Chapter Service Award
2023 - Chapter Service Award
1998 - ASHRAE Technology Award
2010 - Chapter Service Award
2013 - Chapter Service Award
2017 - Technical Paper Award
2017 - Willis H Carrier Award
2015 - Chapter Service Award
2013 - Chapter Service Award
2023 - ASHRAE Technology Award
2010 - Chapter Service Award
1998 - Distinguished Service Award
2001 - Fellow Award
2023 - Chapter Service Award
2009 - Chapter Service Award

Award Description
2013 - Chapter Service Award
2013 - Chapter Service Award
2008 - Distinguished Service Award
2009 - Fellow Award
2022 - Exceptional Service Award
2014 - Chapter Service Award
2013 - Chapter Service Award
2023 - Chapter Service Award
2015 - ASHRAE Technology Award
2012 - Chapter Service Award
2013 - Distinguished Service Award
2013 - Regional Award of Merit
2017 - Fellow Award

2012 - Chapter Service Award
2005 - Chapter Service Award
2013 - Distinguished Service Award
2013 - George B Hightower Tech Achievement Award
2006 - Distinguished Service Award
2009 - Fellow Award
2022 - Exceptional Service Award

2022 - ASHRAE Journal Paper Award
2002 - Chapter Service Award
2002 - Regional Award of Merit
2014 - Chapter Service Award
2023 - Chapter Service Award
2013 - Distinguished Service Award
2012 - Chapter Service Award
2024 - Regional Award of Merit
2012 - Chapter Service Award

Award Description
2023 - Chapter Service Award
2004 - Regional Award of Merit
2006 - Chapter Service Award
2013 - Distinguished Service Award
2023 - Chapter Service Award
2023 - Chapter Service Award
1997 - Regional Award of Merit
2018 - Chapter Service Award
2023 - Chapter Service Award
2012 - Regional Award of Merit
2015 - Chapter Service Award
2018 - Distinguished Service Award
1998 - Regional Award of Merit
2013 - Distinguished Service Award
2014 - Chapter Service Award
2023 - Chapter Service Award
2007 - Chapter Service Award
2009 - Distinguished Service Award
2013 - Regional Award of Merit
2017 - Exceptional Service Award
2018 - Fellow Award
2023 - Chapter Service Award
2023 - Chapter Service Award
2023 - Chapter Service Award
2023 - Chapter Service Award
2013 - Chapter Service Award
2004 - Distinguished Service Award

2016 - Exceptional Service Award
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Award Description
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2015 - Chapter Service Award
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2019 - Chapter Service Award
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2013 - Chapter Service Award
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2010 - Chapter Service Award
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2010 - Regional Award of Merit
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2023 - Chapter Service Award
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2011 - ASHRAE Technology Award
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2013 - Chapter Service Award
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2019 - Regional Award of Merit
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2015 - Chapter Service Award
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2018 - Chapter Service Award
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2015 - Chapter Service Award
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2010 - Chapter Service Award
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2012 - Chapter Service Award
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2023 - Chapter Service Award
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2013 - Chapter Service Award
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2023 - Chapter Service Award
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2010 - Chapter Service Award
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Award Description
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2015 - Student Design Project Competition Award
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2014 - Chapter Service Award
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1985 - Regional Award of Merit
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2017 - ASHRAE Technology Award
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2018 - ASHRAE Technology Award
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2023 - Chapter Service Award
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2000 - Regional Award of Merit
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2007 - Chapter Service Award
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2008 - Distinguished Service Award
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2023 - Chapter Service Award
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2009 - Chapter Service Award
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2014 - Distinguished Service Award
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2017 - Fellow Award
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2016 - Distinguished Service Award
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2017 - Poster Presentation Award
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2023 - Chapter Service Award
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2012 - Regional Award of Merit
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2015 - Chapter Service Award
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2017 - Distinguished Service Award
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2012 - Distinguished Service Award
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2014 - ASHRAE Technology Award
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2012 - Chapter Service Award
2014 - Regional Award of Merit
2014 - Distinguished Service Award
2019 - Fellow Award
2008 - Regional Award of Merit
2013 - Chapter Service Award
2013 - Distinguished Service Award
2020 - Exceptional Service Award
2010 - Distinguished Service Award
2023 - Chapter Service Award
2020 - Lincoln Bouillon Award
2023 - Chapter Service Award
1991 - Distinguished Service Award

2016 - Fellow Award
1988 - Lincoln Bouillon Award
1988 - Regional Award of Merit
2009 - Chapter Service Award
2015 - Student Design Project Competition Award
2015 - Student Design Project Competition Award
2023 - Chapter Service Award
2013 - Chapter Service Award
2017 - Distinguished Service Award
2017 - Regional Award of Merit
1989 - Regional Award of Merit
2023 - Fellow Award
1995 - Regional Award of Merit
2015 - Student Design Project Competition Award
2006 - Regional Award of Merit
2013 - Chapter Service Award
2019 - Distinguished Service Award

Award Description
2013 - ASHRAE Technology Award
2013 - ASHRAE Technology Award
2023 - ASHRAE Technology Award
2018 - Chapter Service Award
2023 - Chapter Service Award
2007 - ASHRAE Technology Award
2014 - ASHRAE Technology Award
2023 - ASHRAE Technology Award
2015 - Chapter Service Award
2023 - Chapter Service Award
2010 - ASHRAE Journal Paper Award
2013 - Chapter Service Award
2004 - Regional Award of Merit

2023 - Chapter Service Award
2007 - Fellow Award
2007 - Willis H Carrier Award
2022 - Distinguished Service Award
2018 - Chapter Service Award
1996 - Regional Award of Merit
2018 - Distinguished 50-Year Member Award
2023 - ASHRAE Technology Award
2013 - Distinguished Service Award
2016 - Fellow Award
1984 - Fellow Award
2013 - ASHRAE Technology Award
2015 - ASHRAE Technology Award
2010 - ASHRAE Technology Award
2023 - ASHRAE Technology Award
2012 - ASHRAE Technology Award

2013 - ASHRAE Technology Award
2016 - ASHRAE Technology Award
2023 - Distinguished 75-Year Member Award
2004 - Distinguished Service Award
2015 - Exceptional Service Award
2012 - Fellow Award
2010 - ASHRAE Technology Award
2013 - Chapter Service Award
2013 - Chapter Service Award
2015 - Regional Award of Merit
2013 - Fellow Award
2015 - Distinguished Service Award
2016 - Lincoln Bouillon Award
2013 - ASHRAE Technology Award
2023 - ASHRAE Technology Award
2015 - Distinguished Service Award
1998 - Fellow Award
2017 - Distinguished 50-Year Member Award
2023 - Chapter Service Award
2023 - ASHRAE Technology Award
2012 - Chapter Service Award
2003 - Government Activities Award
2018 - Chapter Service Award
2013 - ASHRAE Technology Award
2020 - ASHRAE Technology Award
2023 - ASHRAE Technology Award
2006 - Lincoln Bouillon Award
2023 - ASHRAE Technology Award
2016 - ASHRAE Technology Award
2008 - Chapter Service Award

2023 - Chapter Service Award
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Award Description
2024 - Chapter Service Award
2015 - Chapter Service Award
2007 - Chapter Service Award
2009 - Regional Award of Merit
2009 - William J Collins Research Promotion Award
2015 - Distinguished Service Award
2015 - Government Activities Award
2015 - Chapter Service Award
2015 - Chapter Service Award
2013 - Chapter Service Award
2019 - Regional Award of Merit
2019 - Chapter Service Award
1997 - Lincoln Bouillon Award
2024 - Chapter Service Award
2014 - Student Activities Achievement Award

2018 - Chapter Service Award
2020 - Regional Award of Merit
2023 - Chapter Service Award
2006 - Chapter Service Award
2018 - Regional Award of Merit
2023 - Chapter Service Award
2008 - Chapter Service Award
2012 - Regional Award of Merit
2014 - Chapter Service Award
2016 - Chapter Service Award
2023 - Chapter Service Award

Award Description
2007 - Chapter Service Award
1997 - Regional Award of Merit
2007 - Distinguished Service Award
2013 - Exceptional Service Award
2006 - Chapter Service Award
2008 - Regional Award of Merit
2013 - Chapter Service Award
2023 - Chapter Service Award
2009 - Chapter Service Award
2015 - Regional Award of Merit
2018 - Chapter Service Award
2007 - Chapter Service Award
2005 - ASHRAE Tech/Sym Paper

2006 - ASHRAE Tech/Sym Paper
2016 - Fellow Award
2017 - Technical Paper Award

Award Description
2011 - Lou Flagg Historical Award
2017 - Distinguished Service Award
2022 - Fellow Award
2006 - Regional Award of Merit
2008 - Chapter Service Award
2010 - Distinguished Service Award
2016 - Award for Distinguished Public Service
2017 - Exceptional Service Award
2013 - Chapter Service Award
2019 - Chapter Service Award
2019 - Chapter Service Award
2024 - Chapter Service Award
2009 - Chapter Service Award
2019 - Chapter Service Award
2006 - Chapter Service Award
2002 - Regional Award of Merit

2013 - Chapter Service Award
2013 - Distinguished Service Award
2014 - ASHRAE Technology Award
2020 - Exceptional Service Award
2022 - Fellow Award
2018 - ASHRAE Technology Award
1989 - Regional Award of Merit
2019 - Chapter Service Award

Award Description
2020 - Chapter Service Award
2023 - Regional Award of Merit
2017 - Chapter Service Award
2009 - Chapter Service Award
2016 - Distinguished Service Award
2013 - ASHRAE Technology Award
2018 - Chapter Service Award
2023 - Regional Award of Merit
1990 - William J Collins Research Promotion Award
2006 - Chapter Service Award
2015 - ASHRAE Technology Award
2017 - Chapter Service Award
2006 - Chapter Service Award

2018 - Distinguished Service Award
2019 - Distinguished 50-Year Member Award
2013 - Chapter Service Award



## Scopes & Activities

**Certification Committee** is responsible for developing, implementing, and monitoring ASHRAE's personnel credentialing programs.

**Chapter Technology Transfer Committee (CTTC)** provides efficient and effective transfer of current and relevant information throughout the HVAC&R industry to and from the chapters. CTTC develops and maintains high quality and readily available tools to enable chapters to offer information and attractive industry-related information and programs to all segments within the HVAC&R industry. This committee reports to Members Council.

**Chapters Regional Committees** exist in each of the Society's regions. Each regional committee consists of one delegate and one alternate from each chapter with the regional chairman presiding. Each regional committee reviews recommendations from the chapters and student branches concerning policies, procedures and operation. Motions that are passed are reported to Members Council.

**Conferences and Expositions Committee (CEC)** provides ASHRAE members and other meeting attendees with fully coordinated, cost effective, theme-based meetings experiences with balanced technical and business/professional content. The committee also oversees the production of the Winter and Annual Meetings and other ASHRAE conferences and expositions globally. This committee reports to Members Council.

**Communications Committee (CC)** identifies the electronic communication needs of the membership and staff, recommends and maintains policies, and ensures that the implementation of information technologies meets the objectives and needs of the Society. Beginning in July 2004, the ECC assumes the responsibility for the ASHRAE website and electronic communications that had previously been assigned to the Special Publications Committee.

The "Roadmap for the ASHRAE Web Site" represents ASHRAE's vision for development of electronic communications in the Society. The ECC maintains the Roadmap as well as the "Policy and Procedures for Format, Activity, and Content of Web Sites for ASHRAE Groups."

**Environmental Health Committee** coordinates ASHRAE activities in the areas of environmental health and indoor air quality. This committee reports to Technology Council.

**Executive Committee** includes the President, President-Elect, Treasurer, Vice-Presidents, the Secretary (who is a non-voting member) and other members of the Board of Directors who may be designated by the Board. The Executive Committee investigates and makes reports and recommendations to the Board of Directors regarding matters relating to the Society or individual members.

**Finance Committee** supervises the Society's fiscal operations in accordance with the Bylaws and the policies set forth by the Board of Directors. This committee reports to the Board of Directors.

**Government Affairs Committee (GAC)** is responsible for grassroots activities and issues that relate to government entities beyond the scope of the U.S. federal government (i.e., U.S. state and local; provincial; and, relative to non-North American nations, national government bodies) in areas of interest to ASHRAE members in order to better coordinate efforts and understanding between ASHRAE grassroots members and local government. This committee reports to Members Council.

**Handbook Committee** prepares and publishes an *ASHRAE Handbook* volume each year. It also formulates editorial policy, solicits reviewers and authors, and judges the suitability of material for publication in the *ASHRAE Handbook* series. This committee reports to Publishing and Education Council.

**Historical Committee** sponsors, encourages and conducts research into the history of heating, ventilation, air conditioning and refrigeration; encourages authorship and publication of historical articles locates, identifies and determines location for display or availability of items of historical significance; and encourages regional and chapter historians to gather historical information and artifacts. This committee reports to Publishing and Education Council.

**Honors and Awards Committee (H&A)** administers the honors and awards program of the Society under guidelines established by the Board of Directors. This committee reports to Members Council.

**Membership Promotion Committee (MP)** publicizes the aims, activities, achievements, and scientific and educational purposes of the Society to encourage qualified persons to apply for membership. The committee also monitors the Society's membership demographics and, where appropriate, adjusts or creates programs to ensure that individuals from all demographic backgrounds are being equally attracted to ASHRAE. This committee reports to Members Council.

**Nominating Committee** selects candidates for elected officers and members of the Board of Directors. This committee reports directly to the ASHRAE membership.

**Planning Committee** is responsible for the Society's long-range and strategic planning. The committee develops, implements and monitors the long range plan and develops a method to monitor councils' and committees' progress in achieving long-range goals and objectives. This committee reports to the Board of Directors.

**President-Elect Advisory Committee** advises and assists the President-Elect in coordinating standing committee activities with the Directors-at-Large. This committee reports to the Executive Committee of the Board of Directors.

**Professional Development Committee** develops a comprehensive continuing education program to assist members in enhancing and maintaining their knowledge and improving their skills. This committee reports to Publishing and Education Council.

**Publications Committee** oversees editorial and functional activities for the publication of ASHRAE books, *ASHRAE Journal* and *ASHRAE Insights*. The Handbook series falls under the guidance of the Handbook Committee. This committee was formed by the merger of the Journal/Insights and Special Publications Committees. This committee reports to Publishing and Education Council.

**Refrigeration Committee** encourages the advancement of refrigeration technology and its application. Through its use in refrigeration and air conditioning systems, the refrigeration process has become critical to the health, comfort, and welfare of humanity. The Refrigeration Committee of ASHRAE encourages the advancement of refrigeration technology and its application. This committee reports to Technology Council.

**Research Administration Committee** conducts and coordinates basic research and technical studies in the HVAC&R fields to benefit the public welfare. This committee reports to Technology Council.

**RP Committee** plans and implements programs within the Society to generate funds to support ASHRAE research. This committee reports to Members Council.

**Society Rules Committee** considers all matters requiring development, interpretation and change in Society Bylaws, Rules of the Board, and other Society documents.

**Standards Advisory Committee** is responsible for monitoring policy aspects of standard and guideline development conducted by the Society. The SAC shall advise the Board of Directors on specific standards-related issues, and provide guidance/counsel to the Standards Committee and Technology Council.

**Standards Committee** is responsible for the selection, development, revision and preparation of HVAC&R code language documents, standards and guidelines so that they may be considered for adoption by the Board of Directors. In this capacity, the Standards Committee coordinates the work of Standard Project Committees and Guideline Project Committees that are responsible for the technical content of codes, standards and guidelines. The Standards Committee also cooperates with other organizations in the development, preparation and adoption of codes, standards and guidelines in related areas. This committee reports to Technology Council.

**Student Activities Committee (SA)** develops a comprehensive program for the educational community for the purpose of promoting and encouraging engineering and HVAC&R careers. It administers and promotes student activities at all levels in the educational system. This committee reports to Members Council.

**Technical Activities Committee** coordinates HVAC&R technical activities, including appointment, development and oversight of technical committees, task groups and technical resource groups. This committee reports to Technology Council.

**Young Engineers in ASHRAE (YEA) Committee** enhances member benefits for young professional ASHRAE members, 35 years old and younger, by identifying activities and services focused on their needs. This committee reports to Members Council.

## **Job Description Excerpts for DRC and RMCR**

The following are excerpts of the DRC and RMCR positions. This document is not intended to serve as the full description of either position.

### **Director and Regional Chair (DRC):**

#### Responsibilities

- Serves as a member of Board of Directors.
- Has prime responsibility to represent Society to region.
- Directs operation for region and presents region, chapters and membership viewpoints.

#### Qualifications/Obligations

- Shall be a member in good standing and shall have been a Member (grade) of Society for five years or more prior to date of election.
- Should have previously served as both Chapter President and Regional Vice Chair.
- Should be able and willing to travel and devote considerable time to Society

### **Region Members Council Representative (RMCR):**

#### Responsibilities

- Serves as a member of Members Council.
- Responsibility to represent the region in Members Council deliberations.
- Assist Regional Vice Chairs (RVCs) in furthering the aims of the Society through Standing Committees.
- Maintain communications with the chapters and support programs of the Society within the region.
- Fully participate in all Members Council, assigned subcommittee and Ad Hoc Committee meetings.

#### Qualifications/Obligations

- Shall be a member in good standing and shall have been a Member (grade) of Society for three years or more prior to date of election.
- Should have previously served as both Chapter President and Regional Vice Chair.
- Should be able and willing to travel and devote considerable time to Society.
- May fill in for the DRC at a Board of Directors' meeting in the event the DRC is unable to attend.
- May also serve as the Assistant Regional Chair (ARC) as well as the RMCR.
- Shall coordinate and communicate with the DRC all Members Council activities as they relate to the region and its chapters.