



October 2026

Pile of Bones

Published by the Regina ASHRAE Chapter

Chapter Meeting

Wednesday October 28th

Performance Maintenance using
Energy Monitoring

Where:

Lakeshore Restaurant
1350 23rd Avenue Regina,
SK

5:00 Arrivals

5:15 Order Dinner

5:30 Supper & Chapter Meeting

6:30 Presentation

7:30 Networking

Presenters:

Dean Clark

Founder of Greenwave Innovations

Upcoming Chapter Events

Wednesday November 18th

ASHRAE Chapter Meeting

How Water Quality Impacts HVAC
Equipment Performance & Mitigation
Strategies

Presenters:

Kevin Chorney & Jeremy Bradley
From Pace Solutions

President's Message

By Dave Samayoa

It's been a great start to the 2026-27 ASHRAE year, and I'm looking forward to everything we have planned for the Regina Chapter in the months ahead.

We kicked off the year with our first chapter meeting at the University of Regina, where members had the opportunity to learn about and tour the university's newly renovated central cooling plant. Jared Larson, P.Eng., from MacPherson Engineering provided an excellent overview of the project, highlighting the scope of the renovation, key equipment upgrades, and some of the engineering considerations that shaped the final design.

We were also pleased to have Carol Reyda, Project Manager with the University of Regina, and Justin Henderson from Marquardt Mechanical join the discussion. Hearing perspectives from the owner, design, and construction teams added a valuable real-world dimension to the presentation and helped illustrate what it takes to successfully deliver a project of this scale.

Following the presentation, attendees toured the cooling plant and had the chance to see the new chillers, pumps, heat exchanger, and supporting infrastructure firsthand. The tour sparked plenty of discussion around system design, project delivery, lessons learned, and operational considerations. Events like this are one of the things I value most about ASHRAE. They provide an opportunity to learn directly from real projects and from the people responsible for designing, building, and operating them.



Group photo after U of R Central Cooling Plant Tour

Thank you to Jared, Carol, and Justin for sharing their time, knowledge, and experience with our chapter. I'd also like to thank everyone who attended and helped make the evening such a success.

This fall will also bring several opportunities for members to stay informed on upcoming code changes that will impact our industry.

The Building and Technical Standards Branch will be hosting free workshops covering the 2025 editions of the National Building Code, National Energy Code for Buildings, National Plumbing Code, and National Fire Code. These codes are proposed for adoption in

Saskatchewan on January 1, 2027. The Regina sessions will be held on October 20 at the Royal Hotel Regina, with workshops running from 8:00-11:30 a.m. and 12:45-4:30 p.m. Registration is required by October 13, and space is limited.

Also on October 20, TSASK's Plumbing Inspections Team will be presenting at the Saskatchewan Science Centre at 3:00 p.m. to discuss key changes in the 2025 National Plumbing Code. This is a great opportunity to hear directly from inspectors, ask questions, and gain a better understanding of how the upcoming changes may affect your work.

As we head into the fall season, I encourage you to take advantage of these opportunities to connect with colleagues, learn something new, and stay engaged with our local industry community. Whether through chapter events, technical sessions, or industry workshops, there are plenty of ways to get involved and continue growing professionally.

I look forward to seeing many of you at our next Chapter meeting!

**David Samayoa, Engineer-in-training.
President, ASHRAE Regina Chapter**



Congratulations to Chris Klatt for receiving the Top Dog Award for Excellence in Research Promotion

ASHRAE, Indoor Air Quality and the Future of Healthy Homes

By Aura Lee MacPherson

I have the pleasure of serving as a voting member of the **ASHRAE Residential Building Committee (RBC)**. I attend monthly committee meetings, as well as in-person meetings at ASHRAE's Winter Conference.

Over the past year, one of the RBC's initiatives was to advocate for a dedicated residential track at the ASHRAE Winter Conference. I am pleased to share that this proposal was approved at the summer meeting!

The good news continues!

I submitted a presentation titled "*A New Approach to Moisture and Mold Management by Optimizing ASHRAE Tools for Contractors and Designers*," which has been accepted for the conference.

The session will feature three presenters — Dr. Hamed Saber, Dr. Nick Nastasi, and Zachary Londo — and I will have the pleasure of serving as moderator.

Session details:

- **Date:** Tuesday, January 26, 2027
- **Time:** 8:00–9:30 a.m. Central Daylight Time (CDT)

If you are attending the Winter Conference, I hope you will join us!

Why does this matter?

Session Abstract

Residential HVAC systems have traditionally relied on forced air heating and cooling to maintain indoor temperatures. However, building design, thermal bridging, and poorly controlled moisture can contribute to cold surfaces, condensation, and mold growth.

This session will examine how in-floor and in-wall hydronic systems, ASHRAE Standard 160's mold risk assessment methods, and emerging mold research can be integrated to help reduce moisture-related problems. Participants will explore how these approaches can help maintain surface temperatures above the dew point, improving thermal comfort, indoor air quality, energy performance, and affordability.

Together, these strategies offer a practical pathway toward healthier, more durable homes while reducing the risk of mold

What I have learned through Blanket of Warmth

My involvement with the **Blanket of Warmth** project has taken me into four homes in Regina, three in Standing Buffalo, four in Star Blanket Cree Nation, and two in Muscowpetung.

This experience has been eye-opening.

It has reinforced for me how important it is to pay attention to indoor temperatures, moisture conditions, musty odours, and visible signs of mold when assessing a home's condition. Temperature readings can help identify cold surfaces and potential condensation risks, although they cannot, on their own, confirm whether mold is present.

One of the biggest surprises has been recognizing how many homes in Regina may be experiencing mold and moisture challenges. It has made me think more deeply about the importance of healthy housing, energy efficiency, building science, and the connections between them.

ASHRAE has an incredible wealth of knowledge, research, standards, and practical tools related to moisture management, mold prevention, and indoor environmental quality.

It is time to unlock that knowledge, share it more widely, and put it to work — so we can build and renovate healthier, more durable homes for our shared future.

Sincerely,

Aura Lee MacPherson
Sustainability Faciliatory for MacPherson Engineering

Research Promotion

By Tyler Gamble

Good day everyone!

Apologies for missing the first newsletter, I guess my summer ran a little longer than intended! While I missed the first month of fundraising, that doesn't mean I haven't been busy since the new ASHRAE year started. We've had many meetings behind the scenes that will impact our RP campaign this year. More to come there as items get finalized.

First order of business is I would like to thank all of you who have donated to our Chapter's RP campaign over the past years. It could be participating in raffles, participating in the golf tournament, or simply using the services provided by RP campaign dollars. All the activity reminds Society that this program is valuable to our members.

This year, we have an additional way that you can help support the chapter and its activities by starting the *Regina Legacy Fund*. This Fund will provide the Chapter with a 5% annual RP contribution in perpetuity, based on the amount in the Fund at the end of the ASHRAE year (June 30th).

One last item: get ready for the ASHRAE Regina SUPER 50/50!!! The chapter has graciously donated \$1,000 to seed the pot and tickets will be sold at each meeting.



Social Media / Webmaster Chair

By Chris Klatt

Communications Update: – Your Chapter, Always Within Reach

Whether you're a seasoned design engineer, a contractor, or a student just starting out, staying connected to ASHRAE Regina Chapter has never been easier. Our website and social media channels are the best places to find out what's happening and get involved.

Start With the Website: Our website at <https://ashraeregina.org> is the home base for everything chapter-related. Here you'll find:

- Chapter news, member information, and committee contacts
- Upcoming meeting dates, locations, and speaker details
- Registration information for chapter events

Follow Us on Social Media: For quick updates and a closer look at chapter life, find us on <https://www.linkedin.com/company/ashrae-regina/>. Our feeds share Society updates, meeting reminders, speaker announcements, event photos, member spotlights, and HVAC&R news relevant to Saskatchewan.

Never Miss a Meeting: Here's a simple routine to stay in the loop:

- Bookmark the events page on our website and check it at the start of each month.
- Register early by filling in the event form, since space and catering counts depend on it!
- Follow our social accounts so reminders land in your feed a few days before each event.
- Subscribe to our calendar to receive updates and never miss an event.

Help Us Tell the Chapters Story: Our channels are only as good as the content we share. Have a project photo, a new certification, a job opportunity, or news from your workplace or student chapter? Send it to the Communications Committee at communications@ashraeregina.org. We'd love to feature it.

This Month's Challenge: follow us on LinkedIn and share one of our posts or tag a colleague who should be part of ASHRAE. See you online, and at our next meeting!

Events Around Town

ASHRAE Regina
Christmas Party – TBD
December 9th, 2026

Have an event you would like highlighted in our newsletter? Send it to our Chapter President!

ASHRAE Society Events

ASHRAE Winter Conference / AHR Expo
January 23-27, 2026
Chicago, IL
<https://www.ashrae.org/conferences/2026-winter-conference>

Keep up to date on activities and events from our local chapter by following us on LinkedIn and Instagram.



ASHRAE Regina Chapter



ashrae_regina

Contact us at:

info@ashraeregina.org

2026-2027 ASHRAE Regina Chapter Board of Governors

President

Dave Samayoa
MacPherson Engineering Inc.
president@ashraeregina.org

Past President & Research Promotion

Tyler Gamble
Canature Water Group
rp@ashraeregina.org

Vice President & Programs

Emily Zimroz
MacPherson Engineering Inc.
vicepresident@ashraeregina.org

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Greg Fluter
MacPherson Engineering Inc.
treasurer@ashraeregina.org

Secretary

Avah Strueby
MacPherson Engineering Inc.
secretary@ashraeregina.org

Membership Promotion

Pierre-André Ranger
Green Wave Innovations
membership@ashraeregina.org

Student Activities & Student

Branch Advisor

Azizur Rahman
students@ashraeregina.org

Vacant Positions

- Diversity in ASHRAE Chair
- Sustainability Chair

Communications

Chris Klatt
Brandt Developments
communications@ashraeregina.org

Young Engineers in ASHRAE (YAE)

Josh Spelay
Trane
yea@ashraeregina.org

Historian

Rob Craddock
Inland Metal
history@ashraeregina.org

Special Events

Taylor Brezinsky
MacPherson Engineering Inc.
events@ashraeregina.org

Newsletter

Landon Bells
Cypress Sales
newsletter@ashraeregina.org

Government Affairs Co-Chair

Ted Cooke
HDA Engineering
government@ashraeregina.org

Government Affairs Co-Chair

Ayo Abiola
Hanscomb Limited
government@ashraeregina.org