

JANUARY 2025

# SASKATOON CHAPTER NEWSLETTER



## 2025 Board of Governors

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**Communications Chair - Cailin MacPherson**

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**Special Events - Reg Hoffmann**

## 2025 ASHRAE Saskatoon Meetings:

**January 28th:** Engineering Controls for Airborne Infection Transmission

**February:** TBD

**March:** Student Night

**April:** TBD

**May:** Annual Golf Tournament - May 29th

## **January 28th Meeting**

### **William Bahnfleth Professor of Architectural Engineering at Pennsylvania State University**

Engineering Controls for Airborne Infection Transmission –  
Technologies and Application Issues

This presentation considers issues related to use of engineering controls for airborne infection transmission. Available and emerging technologies are discussed, including ventilation, mechanical filtration, germicidal ultraviolet light, and others. An approach to application based on equivalent clean air delivery rate is proposed. Factors impacting application, including building and HVAC system type, cost and energy use will be addressed. Recent research on emerging technologies and remaining knowledge gaps will be summarized.

**When: 12pm, Tuesday, January 28th**

**Where: Online**

# Hello from the BOG

## Dylan Huber, YEA Chair:

### YEA Leadership Weekend (YLW)

We're pleased to announce the next YEA Leadership Weekend 1.0 in Louisville, KY is open for registration – click [here](#)! YLW is an opportunity for future leaders to learn more about Society, develop soft skills and network with other young professionals. Attached is a flyer that includes some testimonials!

Details:

When: Friday, March 14th – Sunday, March 16th

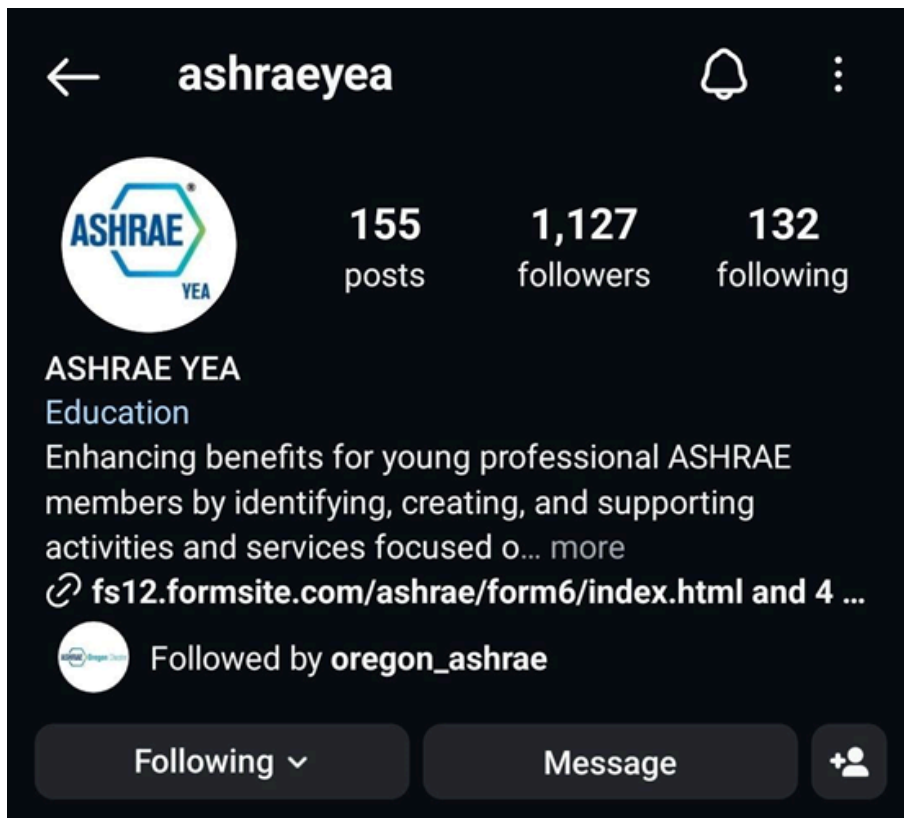
-Optional technical tour of Norton Children's Cancer Institute-Novak Center on Thursday, March 13th

Where: Louisville, Kentucky

What: YEA Leadership Weekend with Leadership Coach Ralph Kison

Cost: \$580 USD that covers hotels on Friday & Saturday, and all food and programming throughout the weekend. The optional tour is an additional \$200 and include the hotel room for Thursday night. Airfare to and from is not included.

ASHRAE YEA has also turned to social media for news on events. Feel free to follow "ASHRAEYEA" on Instagram for updates.



# Hello from Regina

## Regina and Saskatoon ASHRAE Chapter's Joint Project to Host a Decarbonization Conference in October 2025

The Regina and Saskatoon ASHRAE chapters are collaborating to host a building decarbonization conference in Saskatchewan for October 2025. This conference after much discussion will be called 'BuildGreen Saskatchewan'.

The goal of the conference is to bring energy providers, industry professionals, all levels of government including First Nation and Metis, builders, building operators and the community together to address how we decarbonize our building sector in Saskatchewan.

Members of the committee include Ayo Abiola as chair, Carla Drager – programing, Kyle Harasyn – Saskatoon chapter liaison, Alex Barnes – tradeshow support, Terry White - government contacts and Aura Lee MacPherson – sponsorships.

The Regina chapter has donated \$1000 to this conference committee as seed monies. Ayo has done some incredible work to design a web page for the conference which will cost \$400. The committee passed a motion to spend \$400 to pay for a one year posting of the website for the conference. The motion was made by Ayo and seconded by Aura Lee and carried after a robust discussion.

Carla who is fresh off of her master's in sustainability leadership has done an impressive job sketching out a possible program.

The goal for the trade show is to have 5 – 10 booths which Alex is managing.

Our to do list includes:

1. find a venue,
2. land on a date and
3. discuss how we will manage the registration fees and pay bills.

We will be sharing monthly reports with ASHRAE Regina and Saskatoon to make sure the circle of knowledge about this project is well connected.

If you would like to jump in and help in any areas – please reach out to any of the committee members.

Sincerely,

Aura Lee MacPherson

# ASHRAE Society News & Events

## 2025 ASHRAE Winter Conference - Orlando Feb 8-12



## ASHRAE Releases New Guidance to Mitigate the Impact of Smoke on Indoor Air Quality

ATLANTA (December 12, 2024) – As wildfires and prescribed burns increasingly impact communities worldwide, ASHRAE has published a new resource aimed at safeguarding indoor air quality (IAQ) during these events.

[ASHRAE Guideline 44-2024](#), *Protecting Building Occupants From Smoke During Wildfire and Prescribed Burn Events*, outlines best practices for building design, operation and maintenance to reduce the health risks associated with prolonged exposure to wildfire and prescribed burn smoke.

