

# The DowneastAir

Volume 01, Issue No. 3



November 2022

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## Ferland Engineering Education and Design Center

## Coming Up

### November Meeting:

**When:** Thursday, November 17<sup>th</sup> 2022

**Where:** Shipyard Brewing Company  
86 Newbury St,  
Portland, ME 04101

**Registration Link:**

[Shipyard Brewing ASHRAE Meeting and Membership Promotion Night](#)

**Details:** We will take a brief brewery tour to learn about the beer making process and sample some of Shipyard's various brews! The focus of the meeting will be on networking and membership promotion, so please bring your non-ASHRAE member colleagues!  
If your colleague attends this meeting and becomes an ASHRAE member, you both will be refunded the cost of the event!

### Next YEA Event:

**When:** TBD

**Where:** TBD

# President's Message

## November 2022 Maine ASHRAE President's Message

November is here, the weather is getting colder, and I've finally turned on the heat in my house. I probably would have turned it on at some point in December if I had a heat pump, but hot water radiant heat will have to do this winter. Regardless of your heating methods, I hope everyone is staying warm and enjoying the last couple of sunny days before the winter weather really hits us.

In my October newsletter message, I mentioned how October was shaping up to be a good month for our chapter. Well, it wasn't just good, it was great! Our meeting at the Ferland Center was a huge success with over 40 attendees, many of whom were current UMaine engineering students. Big thank you to our chapter's student activity chair and UMaine Professor David Dvorak for helping to plan the event and encouraging so many students to attend. I'd also like to thank our chapter's YEA chair and current Vice President Adrian Clements for helping to organize the YEA happy hour in Orono ahead of our meeting which had almost 20 attendees. Lastly, I'd like to thank members Dan Monroe and Andy Rudnicki of WBRC for leading the mechanical tours of the building they designed. Personally, I found it very fascinating to tour the building with the engineers that designed it because we got to hear about their design choices firsthand and really see the level of detail that went into making the Ferland center a state-of-the-art facility. Thank you all!

We've got some great momentum going here at the start of our ASHRAE year. We'll do our best to keep it going as we enter the holiday season. We appreciate the support we've received from our members and corporate sponsors so far this year. Hopefully more great things to come ahead.

As always, if you'd like to get in contact with our board of governors, send us an email at [info@maineashrae.org](mailto:info@maineashrae.org). We're always open to your feedback and want to ensure our programming matches the needs of our members.

Danny Bronshvayg  
2022-2023 Maine ASHRAE Chapter President

## Young Engineers of ASHRAE



Last month's YEA event occurred in Orono for the time ever! We went to Black Bear Microbrewery and enjoyed some beers and great company. A bunch of students came out, hopefully they will soon be YEA members as well.

**Next YEA Meeting: TBD**

**Make sure you RSVP here!: TBD**

# Announcements

## **Maine ASHRAE Monthly Board Meetings**

Maine ASHRAE is back with in-person meetings and virtual monthly board meetings!

The 3<sup>rd</sup> Monday of Each month will be reserved for our monthly board meetings. These meetings are open to the public and will be virtual so that more people will be able to attend.

If you would like to participate in the monthly board meetings, please reach out to [info@maineashrae.com](mailto:info@maineashrae.com)

## **Celebrating 50 Years!**

Originally chartered on September 23<sup>rd</sup>, 1972, the Maine ASHRAE chapter is celebrating 50 years of existence. We'd like to celebrate this milestone by better documenting our chapter's history. If you have any historical information or materials related to the Maine ASHRAE chapter or Maine HVAC&R industry in general, we'd like to hear from you. Please reach out to [info@maineashrae.com](mailto:info@maineashrae.com). Make sure to look out for a history feature in a future newsletter commemorating our 50-year anniversary as a recognized chapter.

## **Job Postings:**

The Downeast Air Newsletter is now featuring Job Postings! Please reach out to [info@maineashrae.com](mailto:info@maineashrae.com) to have your company's openings featured in next month's newsletter!

## **Student Scholarships:**

Student Scholarships are now open! Check out page 7 below or [maineashrae.org](http://maineashrae.org) for more information

# October Meeting Recap

We traveled north to Orono for this month's ASHRAE meeting to tour the brand new Ferland Engineering Education and Design center at UMaine.

Wow! What a showing! Over 50 attendees including so many curious UMaine engineering students! Thank you to everyone who attended.

A few pictures of the evening including our YEA happy hour, introduction presentation, and tour of the mechanical room.

We hope to see everyone at our November meeting which will be announced soon!







## Sponsors

### Gold Sponsors



### Silver Sponsors



### Bronze Sponsors



# Sponsors

## Become a Maine ASHRAE Sponsor!

### Bronze Sponsorship - \$50

Company listed on home page of Maine ASHRAE website and on sponsorship page in monthly newsletter.

### Silver Sponsorship - \$250

Bronze sponsorship benefits + recognition at all monthly ASHRAE meetings and on Maine ASHRAE LinkedIn page.

### Gold Sponsorship - \$500

Silver sponsorship benefits + hole sponsorship at annual Maine ASHRAE golf tournament included and front-page recognition on monthly newsletter.

If you would like to become a sponsor, please email [info@maineashrae.org](mailto:info@maineashrae.org)

Sponsorships are annual and will reset in new ASHRAE year on 7/1/2023

# Calendar

## November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14 <a href="#">Monthly Board Meeting</a> 12 – 1 PM	15	16	17 <a href="#">Maine ASHRAE Meeting</a> 5 – 7 PM	18	19
20	21	22	23	24	25	26
27	28	29	30			

# Chapter Officers 2022 - 2023

## PRESIDENT

Danny Bronshvayg

## PRESIDENT ELECT

Nik Kreuger

## RECEPTION

Rachel Roy, P.E.

## VICE PRESIDENT

Adrian Clements, P.E.

## WEBMASTER

Victoria Nedbal

## YOUNG ENGINEERS OF ASHRAE

Adrian Clements, P.E.

## GOVERNMENT AFFAIRS

Steven Martel, P.E.

## HISTORIAN

Matei Ilina

## STUDENT ACTIVITIES

David Dvorak, Ph.D, P.E.

## COMMUNICATIONS

Victoria Nedbal

## TREASURER

Jeff Lapierre, P.E.

## RESEARCH PROMOTION

Danny Bronshvayg

## MEMBERSHIP PROMOTION

Nik Kreuger

## NEWSLETTER EDITOR

Victoria Nedbal

## TECHNOLOGY TRANSFER

Mark Limakka, P.E.

## SECRETARY

Open Position, Please  
Contact  
info@maineashrae.org

## DIVERSITY IN ASHRAE CHAIR

Open Position, Please  
Contact  
info@maineashrae.org

## SUSTAINABILITY

Open Position, Please  
Contact  
info@maineashrae.org

## Learning Center

### Tune-in to the ASHRAE Journal Podcast!

Tune into conversations between leading ASHRAE experts as they discuss what HVAC engineers need to know to design better systems and grow the HVAC&R industry. Available on all podcast platforms.

ASHRAE  
JOURNAL



Podcast

[Listen Now](#)

# Learning Center

**ASHRAE Journal Podcast Episode 17 | Are We Ready for Artificial Intelligence in Building Design?** Don't miss Dr. Zoltan Nagy, the director of the Intelligent Environments Laboratory at The University of Texas at Austin, and Dr. Rania Labib, who established the Artificial Intelligence and High-Performance Buildings Lab at Prairie View A&M University, as they talk with ASHRAE Journal Editor John Falcioni on the opportunities and challenges that come with artificial intelligence/machine learning in building design and operations. They also discuss the questions facing the industry in accepting these new tools and the difficulties in preparing the next generation of AI-savvy engineers.

## Job Postings

### Your Open Job Listings Could Be Included Here in Our Next Newsletter!

Reach out to [info@maineashrae.org](mailto:info@maineashrae.org) for more information

## Student Scholarships

### Society Level Scholarships

- There are 53 Society Scholarships Available for 2023-2024 totaling \$264,000
- Deadline to apply is 12/1/2022
  - 5/1/2022 for High School Seniors and Freshman Engineering scholarships
- For more information and to apply visit <https://www.ashrae.org/communities/student-zone/scholarships-and-grants/ashrae-scholarship-program>

### Maine ASHRAE Chapter Scholarships

- Multiple Scholarships available to ASHRAE student members in Maine totaling over \$3,000 for 2022-2023
- Deadline to apply is 3/1/2022
- Application document with more information is below:
  - [2022-2023 Maine ASHRAE Chapter Student Scholarship Application](#)

## Upcoming ASHRAE Conferences

### 2023 ASHRAE Winter Conference and AHR Expo Conference Promotion Materials



**2023 ASHRAE  
WINTER CONFERENCE**  
ATLANTA, Feb 4-8 | AHR Expo, Feb 6-8



Registration is OPEN and we have resources to help you promote this exciting event! Spread the word in your chapter newsletter, website, and social media by utilizing the resources available at [ashrae.org/conferencemarketing](https://www.ashrae.org/conferencemarketing). Download images, a Press Release, and an email to quickly have content for your communications. For assistance contact [marketing@ashrae.org](mailto:marketing@ashrae.org).

## 2023 HVAC Cold Climate Conference



Registration for the 2023 HVAC Cold Climate Conference is now open! Co-sponsored by ASHRAE and SCANVAC, the goal of the conference is to share solutions and advancements addressing changes in climate while experiencing the culture of Alaska.

Register by **January 6** and **save \$50** with early bird registration rates. Learn more and lock in the lowest rates at [www.ashrae.org/2023hvaccoldclimate](https://www.ashrae.org/2023hvaccoldclimate)!

## Register Today for the Buildings XV Conference in Clearwater, Florida



The [Buildings XV Conference](#), December 5-8, 2022, brings together product manufacturers, research organizations, academia, builders, designers, architects and consultants to discuss their work achievements, interest and awareness of buildings issues, and to provide solutions and insight into some of our major building envelope problems.