

# The DowneastAir

Volume 01, Issue No. 8



April 2023

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## Coming Up

### April Meeting:

**When:** Thursday, April 20, 2023  
6:00 PM

**Where:** LAARS Heating Systems  
20 Industrial Way  
Rochester, NH 03867

**Details:** Join us at the LAARS manufacturing center with special guest and distinguished ASHRAE lecturer, Dr. Joe Lstiburek!



Registration details will be provided in a separate email.



# President's Message

## April 2023 Maine ASHRAE President's Message

It's starting to feel like spring! More daylight, warmer weather, and there's just more energy in the air!

We have three more months left of the 2022-2023 ASHRAE calendar year. As I approach the end of my presidency, I'm very proud of everything our chapter board has accomplished, and I'd like to start thanking specific board members in our remaining newsletters.

I'll start with our amazing communications chair and newsletter editor Henry Nedbal. Henry has been an amazing addition to our chapter board. They have been on top of our newsletters, social media, and website all year. I think this is the first year in recent history that we've sent out a newsletter every month. This is especially impressive because the newly branded DowneastAir newsletter is jam packed with relevant information and it is organized in a clean and attractive format. All of that is thanks to Henry. I always look forward to receiving the newsletter every month and I hope you all have had the same experience. This ASHRAE year would not be as successful if it wasn't for Henry's efforts and support! Thank you, Henry!!

Our March meeting was held at Mast Landing in Freeport and featured an ASHRAE ethics-focused tech hour from 4:30-5:30 (something we have not yet done this year, thank you to our CTTC chair Mark Liimakka for organizing) and a dinner presentation with Paul Demers of the Maine Uniform Building and Energy Code (MUBEC) board. Thank you to all who attended.

Mark your calendars!! The remainder of our programming for this year has been finalized. The finalized dates and details are below. Note that these dates have changed since last month's newsletter.

**Thursday, April 20th @ 6PM** – Joint meeting with NH Chapter at LAARS Manufacturing in Rochester, NH with ASHRAE distinguished Lecturer Dr. Joe Lsiburek. Registration details to follow in separate correspondence.

**Tuesday, May 30th @ 5PM** – Kasey Boxleitner, Decarbonization Leader for Trane North America, will be presenting on Building Decarbonization at Rising Tide Brewery in Portland, ME. BBQ dinner will be served. Registration is now open on our website!

**Thursday, June 22nd @ 8AM** – 32nd Annual Maine ASHRAE Golf Tournament at Augusta Country Club, followed by Lobster Bake and awards. Registration is now open on our website!

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

# Government Affairs Feature

By: Steven Martel, P.E.

So, you may ask what is “Government Affairs” about? And why and how does ASHRAE get involved with government and establish a Government Affairs committee for each chapter?

Glad you asked. The government gets involved with minimum building standards via building codes. It also regulates how various systems can be installed to protect public safety and avoid adverse impacts to other citizens and the environment. Since the energy crisis of 1972, the government has also encouraged greater energy efficiency, incrementally raising the efficiency standards via the EPA Energy Star program (and others) and DOE.

These regulations impact ASHRAE and our profession, so ASHRAE takes an active role in influencing laws and regulation by developing consensus standards to be used as a benchmark for building codes. Standard 62-Ventilation was first published in 1973 and Standard 90 was first published in 1975. Both of these standards have been updated ever since and now form the basis for several model codes, including the International Codes.

ASHRAE prepares Position Statements on a variety of technical issues related to buildings and HVAC which are written by technical experts in the Society and approved by the Board of Directors. ASHRAE communicates with both federal and state legislators to influence the development of regulations and prioritize Society goals using letters and testimony to both federal and state legislatures. Browse over to <https://www.ashrae.org/about/government-affairs/policy-positions-and-issues> to take a look at ASHRAE’s advocacy positions.

The Society encourages chapters to provide letters and testimony to state legislators through the Government Affairs committee in each chapter. These advocacy activities range from testimony on specific bills, meetings between representatives from local ASHRAE Chapters with state legislatures to introduce ASHRAE and inform government officials of the available expertise, and letters from Society supporting or opposing certain bills before legislatures in each state (or country). ASHRAE provides a free emailed newsletter on current government affairs activities to interested members. If you are interested, you can sign up at <https://www.ashrae.org/about/government-affairs/government-affairs-updates>.

Now you know what ASHRAE Government Affairs is about! If you are interested in getting involved in Government Affairs or influencing the Maine legislature or Governor by preparing a letter or testifying before the legislature, please let me know. Also please let me know if you have already testified or plan to so we can inform ASHRAE Society of actions going on in Maine. I welcome your questions, comments, and interest.

## 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)

### **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!



# Announcements

## Student Scholarships:

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

## MAY ASHRAE MEETING

[Register Here](#)

### Maine ASHRAE Chapter May Meeting

**Topic:** Building Decarbonization  
**Presenter:** Kasey Boxleitner  
Decarbonization Leader for Trane

**Where:** Rising Tide Brewing Company  
103 Fox St.  
Portland, ME

**When:** Tuesday 5/30/2023, 5-8PM

**Cost:** \$50/ASHRAE Member  
\$65/Non-member  
*Free for student members*

*Attendees will receive 1 PDH Credit!*



## Sponsors

### Gold Sponsors



# Sponsors

## Silver Sponsors



## Bronze 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

## 32<sup>nd</sup> ANNUAL MAINE ASHRAE GOLF TOURNAMENT

**When:** Thursday, June 22, 2023  
8:00 AM ~ 4:00 PM

**Where:** Augusta Country Club  
19 Hammonds Grove  
Manchester, ME 04351

**Details:** Join us for our 32<sup>nd</sup> Annual Maine ASHRAE golf tournament! Proceeds help support the Maine ASHRAE Student Chapter Scholarship Fund and the ASHRAE Research Promotion fund.  
If you would like to sponsor a hole and get additional recognition at the sign-up table, please contact Jeff Charette by June 2<sup>nd</sup> at [jjcharette@trane.com](mailto:jjcharette@trane.com)!  
Registration closes June 16<sup>th</sup> or when we reach capacity!

Register Here



# Calendar

April

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17 <a href="#">Monthly Board Meeting</a> 12 – 1 PM	18	19	20 <a href="#">Maine ASHRAE Meeting</a> 5:00 – 8:00PM	21	22
23 30	24	25	26	27	28	29

## Chapter Officers 2022 - 2023

### PRESIDENT

Danny Bronshvayg

### PRESIDENT ELECT

Nik Kreuger

### VICE PRESIDENT

Adrian Clements, P.E.

### SECRETARY

Matt Strong, P.E.

### TREASURER

Jeff Lapierre, P.E.

### MEMBERSHIP PROMOTION

Nik Kreuger

### YOUNG ENGINEERS OF ASHRAE

Adrian Clements, P.E.

### TECHNOLOGY TRANSFER

Mark Limakka, P.E.

### COMMUNICATIONS

Henry Nedbal

### RESEARCH PROMOTION

Danny Bronshvayg

### GOVERNMENT AFFAIRS

Steven Martel, P.E.

### STUDENT ACTIVITIES

David Dvorak, Ph.D, P.E.

# Chapter Officers 2022 - 2023

## HISTORIAN

Matei Ilina

## SUSTAINABILITY

Jonathan Graham P.E.

## DIVERSITY IN ASHRAE CHAIR

Open Position!

## RECEPTION

Rachel Roy, P.E.

## WEBMASTER

Henry Nedbal

## NEWSLETTER EDITOR

Henry Nedbal

## 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.



[Listen Now](#)

**ASHRAE Journal Podcast Episode 23 | Ventilation in Theory vs. Ventilation in Practice** Join Andrew Persily, Ph.D., Fellow/Life Member ASHRAE, and Meghan McNulty, P.E., Member ASHRAE, as they discuss disconnects between design intent and performance when ventilating buildings and how ventilation theory and research play out in real-world applications.

## 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

### WSP:

511 Congress St  
Portland, ME 04101

### **Senior Mechanical Engineer:**

WSP is seeking an experienced Mechanical Engineer with broad technical knowledge of construction methods, design, sustainability, and industry advancements to join our A/E Design Center in our Portland, Maine office. The ideal candidate will have a strong technical background in HVAC, plumbing, energy, and fire protection design.

FMI: [WSP USA Careers](#)

# 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

## **Mechanical Engineer:**

WSP is seeking an experienced Mechanical Engineer to join our Northeast US Resilient Environments operations, based out of Portland, Maine. The ideal candidate will have a solid technical background in the engineering design of mechanical and HVAC systems, as well as experience in energy, plumbing, and/or fire protection design.

FMI: [WSP USA Careers](#)

## **Gartley & Dorsky Engineering and Surveying (G&D):**

59 Union St., Unit 1

Camden, ME 04843

## **Mechanical Engineer:**

Gartley & Dorsky Engineering & Surveying (G&D) is seeking a motivated, team-oriented individual to join our mechanical engineering team. The ideal candidate will have a BS degree in Mechanical Engineering from an accredited institution, 4+ years of experience, PE license (or ability to obtain PE license within 6 months), experience using AutoCAD, HVAC software such as Trane Trace, and proficiency in Microsoft Word and Excel.

Excellent communication skills and organization are required, along with an ability to juggle numerous projects at once. The successful candidate will join G&D's multidisciplinary firm, working closely with our 2 structural PEs, 5 civil PEs, and 15+ other licensed professionals and staff. The mechanical engineering team provides comprehensive mechanical engineering services, including residential and/or institutional HVAC design, hydronic systems, heat pumps, air handling systems and radiant heating systems, reports, construction documents, construction administration, project management and other related tasks.

This is a full-time position with benefits in Camden, Maine, an outstanding place for those who appreciate the outdoors and value work-life balance.

FMI on Gartley & Dorsky go to [www.gartleydorsky.com](http://www.gartleydorsky.com). To apply, send a cover letter and resume to Steve Mischissin at [SMischissin@gartleydorsky.com](mailto:SMischissin@gartleydorsky.com)

# 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](#)





## RESIDENTIAL

# VENTILATION INSTALLATION

## CERTIFICATION COURSE



## DETAILS

May 4 (one hour) + May 5, 12, and 19 (all day)

In-Person at Johnstone Supply, Portland, ME

and On-line via Zoom

\$1050 for MIAQC Members

\$1450 for Nonmembers

**Scholarships Available**


## WHAT YOU'LL LEARN

Until now, there has been no opportunity for Maine residential professionals to learn how to properly design and install energy-recovery ventilation. Attendees of this course will gain practical instruction on how to both design and install residential ventilation to meet North America's only ventilation design and installation standard, the CSA F326 standard. Participants will use extensive worksheets in conjunction with detailed procedures to select equipment, size ducts and specify installation and control details necessary to design ventilation systems that satisfy both the ASHRAE 62.2 Maine building code requirement, and the CSA F326 installation standard.

## LEARN MORE/REGISTER

 <https://maineindoorair.org/ventilation-installation>

 [christy@maineindoorair.org](mailto:christy@maineindoorair.org)

 207-626-8115

## WHY ATTEND

**Tighter Building Envelopes:** Maine is making significant investments to improve the energy performance of new and existing homes

**Limitations of the Ventilation Code:** Maine's mandatory ventilation code, the ASHRAE 62.2-2016 standard, informs professionals about how much ventilation air is required in a home. But ASHRAE 62.2 does not inform professionals on specific strategies to implement the standard.

**Exhaust-Only Ventilation Is No Longer Best Practice.** Exhaust-only ventilation strategies are not only energy-inefficient, they fail to deliver fresh air to and exhaust pollutants from key areas of a home, such as living rooms and bedrooms (where people typically spend most of their time).

**The Solution.** Energy recovery ventilation solves these challenges by delivering fresh air to and exhausting pollutants from multiple points in a home, not just kitchens and bathrooms. And, using recovery ventilation in high performance homes captures a significant amount of outgoing thermal energy that otherwise is lost to the outdoors. Energy recovery ventilation is usually the best option for people, buildings, and the planet.

**Get Certified.** After completion of the three-day training and successful completion of the certification exam, you will be considered Certified in "Residential Ventilation Using CSA F326" (RVF326)



# LEARN HOW

## Design & Installation of Residential Ventilation Systems (ERVs)

A three-day training course  
with certification.

May 5, 12, and 19, 2023  
In-Person at Johnstone Supply, Portland  
or On-line Via MIAQC Zoom Portal



Scan code for more information.