

The DowneastAir



Volume 01, Issue No. 5

January 2023

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HAPPY NEW YEAR



Coming Up

January Meeting:

When: Tuesday, January 24, 2023
5:00PM – 8:00PM

Where: Mast Landing Brewing (2nd Floor)
200 Lower Main St.
Suite 102
Freeport, ME 04032

Details: Joint meeting with Maine Indoor Air Quality Council (MIAQC)
Guest Presenter Jim Hughes, P.E. will be presenting on Indoor Air Purification and Sterilization Methods.

[Register Here](#)

Next YEA Event:

When: Thursday, January 26, 2023
5:30PM – 7:30PM

Where: Bayside Bowl
58 Alder St.
Portland, ME 04101

Sponsored By:



F.W. WEBB COMPANY

[Register Here](#)

President's Message

January 2023 Maine ASHRAE President's Message

Happy New Year! Hope everyone had a safe, happy, and healthy holiday season. Now it's time to get back to work and get back to having some exciting Maine ASHRAE events.

Unfortunately, with the end of year December craziness we were not able to secure a speaker for a December meeting and had to skip it altogether. However, we have plenty of programming planned for the new year starting with our January joint meeting with the Maine Indoor Air Quality Council (MIAQC) on 1/24 at Mast Landing in Freeport. The event is now open for registration on our website. I anticipate this meeting filling up so I encourage you to register early as we will have to cap the number of attendees to fit in the space.

Our February meeting will tentatively be at DiMillo's on the Water in Portland on Tuesday 2/28 featuring a presentation by News Center Maine meteorologist and self-proclaimed weather Czar Keith Carson.

We're also gearing up for some YEA events like a Bowling Night and a Corn Hole event. Keep your eyes peeled for those to be published on our website in the coming weeks.

As always, if you'd like to get in contact with our board of governors, send us an email at 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.

One of the primary ways the Maine Government interfaces with buildings and HVAC is through the codes. Before 2008 in Maine, building codes were adopted by individual towns and cities. Each town had a unique code and some municipalities had not adopted a building code. That all changed in 2008 when the state legislature passed a public law (Chapter 699) that specified a uniform building code for everywhere in Maine, the Maine Uniform Building and Energy Code (MUBEC). It further stipulated that the adopted codes would be applied to all municipalities and that local ordinances could not reduce or eliminate the code requirements or make them more stringent.

Along with adopting a uniform code, the statute formed a new board (the MUBEC Board) to review and recommend appropriate nationally recognized codes, review them for conflicts with fire safety and any other adopted codes and standards, consider special needs or exclusions specific to Maine, and recommend amendments as needed to resolve any conflicts as well as address considerations specific to Maine. The statute specified that the MUBEC board shall consist of 11 voting members representing a wide range of professional viewpoints, including the State Fire Marshall's office, municipal code enforcement officers, residential builders, commercial builders, structural engineers, architects, historic preservation, energy efficiency, mechanical engineers, and a lumber materials dealer. Each board member is appointed by the governor and serves a 4-year term. The MUBEC Board meets monthly, and the meetings are open to the public for anyone who wants to attend or comment on codes.

Government Affairs Feature

By: Steven Martel, P.E.

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Russ Martin (a long-time member of the Maine ASHRAE Chapter) served as the initial MUBEC Board representative for mechanical engineers in 2010 and continued in that position until 2018, when he asked me to take his place on the MUBEC board to represent Maine ASHRAE. I was appointed to this position in November 2019 and will serve until at least November 2023.

When it was first enacted, the MUBEC adopted several International Code Council (ICC) published codes. Notably absent was the International Mechanical Code (IMC), which was largely covered by other standards adopted by the MUBEC: ASHRAE Standards 62.1 and 62.2, ASHRAE Standard 90.1, and the Maine Fuel Board rules.

In June 2020, the legislature passed LD 1509 which updated and clarified the MUBEC. In this act, it revised the publication date of the adopted International Codes to 2015, the ASHRAE standards to 2016, and also adopted the IMC 2015 with several amendments to exclude the chapters which are covered by the Fuel Board rules. This is the current version of the MUBEC codes. Details on the currently adopted codes, standards, and the amendments as well as MUBEC Board activities are posted on the Office of the State Fire Marshall website: <https://www.maine.gov/dps/fmo/building-codes/mubec-rules>.

By statute the model codes adopted by the MUBEC are required to be no more than two code cycles old. The International Codes and the ASHRAE Standards are updated every three years. Since the currently adopted codes are from 2015, they are now more than two cycles behind, so the MUBEC requires updating. In 2022, the MUBEC Board has been considering whether it makes sense to adopt the 2021 version of the codes (rather than just the minimum of the 2018 codes) and the 2019 versions of the ASHRAE Standards so they will be consistent for longer. To assist this process, Technical Advisory Groups (TAG) are formed to solicit comments and recommendations from interested members of the public. There are several TAGs, one for each of the codes. The Mechanical IMC TAG met virtually September 15, 2022, but did not identify conflicts with other codes or the ASHRAE standards. The 2021 IMC still needs to be evaluated for amendments to address conflicts between the Fuel Board Rules and IMC.

More to come on MUBEC and other government regulations in the coming months. Please contact me if you have any questions or are interested in serving on one of the TAGs. If any of you are interested in the work of the MUBEC board and are possibly interested in serving on the board in the future, please let me know!

Young Engineers of ASHRAE



If you have time to *spare*, and a night out with your Maine ASHRAE friends sounds right up your *alley*, then come join YEA at Bayside Bowl! Lanes will be reserved, and drinks and appetizers will be provided.

Thank you to F.W. Webb for sponsoring this event!

Next YEA Meeting: Thursday, January 26, 2023, 5:30 – 7:30PM

Make sure you RSVP here! <https://www.maineashrae.org/events/yea-bowling-night-sponsored-by-fw-webb>

Announcements

Maine ASHRAE Monthly Board Meetings

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

The 3rd 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

Job Postings:

The Downeast Air Newsletter is now featuring Job Postings! Please reach out to 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 for more information

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

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

Calendar

January

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23 Monthly Board Meeting 12 – 1 PM	24 Maine ASHRAE Meeting 5 – 8 PM	25	26 YEA at Bayside Bowl 5:30 – 7:30 PM	27	28
29	30	31				

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

Victoria Nedbal

RESEARCH PROMOTION

Danny Bronshvayg

GOVERNMENT AFFAIRS

Steven Martel, P.E.

STUDENT ACTIVITIES

David Dvorak, Ph.D, P.E.

HISTORIAN

Matei Ilinca

SUSTAINABILITY

Jonathan Graham P.E.

DIVERSITY IN ASHRAE CHAIR

Open Position!

RECEPTION

Rachel Roy, P.E.

WEBMASTER

Victoria Nedbal

NEWSLETTER EDITOR

Victoria 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.

ASHRAE
JOURNAL



Podcast

[Listen Now](#)

ASHRAE Journal Podcast Episode 19 | The Implications of IIJA and IRA on HVAC&R How do the Infrastructure Investment and Jobs (IIJA) and the Inflation Reduction Act (IRA) impact ASHRAE members and the HVAC&R industry as a whole? Join host John Falcioni, with Alice Yates, director of government affairs for ASHRAE, and Matthew Young, manager of government affairs, as they give an overview of the bills and discuss the breadth of their funding

Job Postings

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

Reach out to 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](#)

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. To apply, send a cover letter and resume to Steve Mischissin at 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](#)

ASHRAE Winter Conference Regional Dinner

Region I historically hosts a dinner that members can attend while everyone is in town for the Winter Conference. This year, Region I is co-hosting this event with Region II and Region III!

Please join us at Thrive Restaurant and Bar on **Saturday, February 5th**. The restaurant is a short walk from the OMNI where the Winter Conference is being held.

Please register by **Friday, January 20th** to secure your spot!

Register for the event on Baltimore Chapter webpage (Region III) [here](#).

Sponsorships are available

Please contact Ashley Keller at president@ctashrae.org if you have any questions.

Where: Thrive Restaurant and Bar
101 Marietta St.
Atlanta, GA 30303
www.thriveatl.com

When: Sunday February 5th, 2023
6:00 PM – 9:00 PM

Registration Fee: \$60.00 / person

See flyer below for more information!



2023 ASHRAE WINTER CONFERENCE

ATLANTA, Feb 4-8 | AHR Expo, Feb 6-8

REGION I, II & III DINNER

Sponsors
Are
Welcomed

SUNDAY FEBRUARY 5, 2023

6:00 PM—9:00 PM

thrive
RESTAURANT + BAR
EST. 2007

**101 Marietta Street
Atlanta, GA 30303
www.thriveatl.com**



PASSED HOR D'OEUUVRES

- Chicken Pot Stickers
- Sweet & Sour Pork Spring Rolls
- Corn Crab Fritters

PLATTERED HOR D'OEUUVRES

- Beet Salad
- Hummus Two Ways

CARVING STATION

- Organic Chicken Breast
- Herb Striploin
(mashed potatoes and season vegetables)



**\$60.00 /
Person**

CONTACT INFORMATION

REGION I—ASHLEY KELLER

E: keller@nems.com | Ph: (860) 917-4392

REGION II—DANNY CASTELLAN

E: danc@uwindsor.ca | Ph: (519) 819-5585

REGION III—SHERRY ABBOTT-ADKINS

E: sadkins@esg.com | Ph: (443) 977-9741 #

**Cash Bar
Mixed Drinks**

**For Payment Visit
Baltimore Chapter**

<https://ashrae-balto.org/meetinginfo.php?id=94>

**RESERVE YOUR SPOT AND PAY BY
JANUARY 20, 2023.**

Upcoming ASHRAE Conferences

2023 ASHRAE Winter Conference and AHR Expo Conference Promotion Materials



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. Download images, a Press Release, and an email to quickly have content for your communications. For assistance contact 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!

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.