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APRIL MEETING! - Lunchtime!

When: April 13, 2021
12:00 pm to 1:00 pm

Where: [GoToMeeting](#) ← Sign up link here!

Details: Main Meeting (12:00—1:00 pm) **1.0 PDH**
Presenter: Jagannath (Jag) Rajaserkaran
Topic: Industrial Noise and Vibration Mitigation



PRESIDENT'S MESSAGE

Hello Everyone!

Thank you all who attended our March meeting which was held as a joint meeting with AEENE. Our tech session on “Micro-Combined Heat and Power from Mass Save” and the main meeting on “New Developments in Combined Heat and Power” were both very informative topics and we had great participation by both ASHRAE Boston and AEENE.

Our first lunch meeting will be held this April 13th. The presentation will include “Industrial Noise and Vibration Isolation” presented by Jagannath (Jag) Rajasekaran. Please feel free to grab some lunch and join us!

As a reminder, our annual golf outing will be held on May 24th at Granite Links. Look for the official save the date and more details coming soon.

Thank you all for your continuing support of the chapter, keeping your membership throughout this year (even with the pandemic) and staying involved. Be sure to maintain your membership status to enjoy the benefits at both the chapter and society levels. If you have any questions about your membership, such as joining, renewing, or upgrading to a full member status, please contact me or your membership chair Lucas Rowe c001mem@ashrae.net.

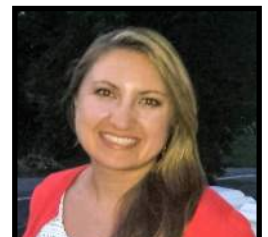
If you are interested in volunteering with the Boston chapter, please get in touch with me and we will have you join our next Board of Governors meeting to see how you can get involved. Please email me at c001@ashrae.net or contact any of the volunteers with questions, concerns, or suggestions to help improve our chapter.

With Gratitude,



Deanna Adkison
ASHRAE Boston Chapter President

Deanna Adkison
(Fitzemeyer & Tocci)
Boston Chapter President



April Meeting - Tuesday April 13th, 2021

Location GoToMeeting Virtual Webinar—Registration Link [Here](#)

Time 12:00 pm—1:00 pm

Main Meeting Presentation : Industrial Noise and Vibration Mitigation

1.0 PDH

Presenter Bio: Jagannath (Jag) Rajasekaran is the Lead Engineer for Parklane Mechanical Acoustics located in Oakville, ON, Canada, and leads the US operations for Parklane’s subsidiary stationed in Naples, Florida. Previously, Mr. Rajasekaran was a Research Engineer and an Aero-acoustic Engineer with MDS Aero Support Corp., a gas turbine test facility design company, in Ottawa, ON. He holds B.Tech in Mechanical Engineering from the National Institute of Technology, Silchar, India, and M.A.Sc in Aerospace Engineering from the University of Toronto. He is a licensed Professional Engineer in Ontario, and a certified Project Management Professional.



Rag Rajasekaran
Parklane Mechanical

At Parklane, Mr. Rajasekaran designs and implements various noise mitigation solutions for institutional, commercial and industrial applications. As the lead acoustic engineer he provides assessment to identify core deliverables, risk levels, design requirements and practical feasibility for implementing potential noise mitigation solutions to acoustic consultants and customers alike. He also specializes in designing custom STC rated acoustic panels for wall cladding of industrial equipment enclosures.

Presentation Overview: This presentation will discuss noise and vibration related problems in a typical industrial setting and ways to go about mitigating them. It will start by summarizing some of the basic principles of sound and vibration, discuss allowable noise limits for residential and work setting and identify common industrial noise and vibration sources. Finally reviewing potential cost effective mitigation options that is suitable for various different constraints.

Notes

To RSVP [CLICK HERE](#)
Meeting is free to all attendees



SAVE THE DATE

Granite Links Golf Club
Quincy, MA

2021 ASHRAE Golf Tournament



May 24, 2021
1pm Shotgun

Built Environment Plus is a Massachusetts based member community (formerly USGBCMA) driving **Sustainable and Regenerative Design, Construction, and Operation of the Built Environment**. They envision a thriving and diverse community, creating a built environment of net positive systems of water and energy, of financial and social equity, and of ecological and human health.



Four focus areas of the group are Advocacy, Community, Education, and Research & Tools. A recent success in advocacy work was led by the Health & Wellness committee who helped to pass the ban on toxic flame retardants. Another group, the Zero Net Energy Coalition, has been bringing stakeholders together for a few years towards the proposed E-Z Code and the recent BE+ draft report, [Massachusetts is Ready for Net Zero](#), which is the next step in supporting Net Zero Energy advocacy.

Community events and roundtables bring together a diverse group of individuals, from students, to well established professionals. The BE+ **Emerging Professionals of Massachusetts (EPMA) Committee** connects ascending professionals across the green building industry and allied fields, and provides professional support, development and advocacy tools through active networking, programming, and events.

Within education are various trainings, as well as, the [Green Building Training Program](#) (GBTP). Funded through the Commonwealth Workforce Training Fund’s Small Business Direct Access Program, the GBTP is intended to help businesses train their employees in relevant industry skills. Businesses that employ 100 people or less in Massachusetts may be eligible to join and take training for FREE!

The outcomes of BE+ activities are better buildings and corresponding environmental and social benefits. These benefits are shared by many peer organizations, professional associations, and municipal and state jurisdictions, leading to sustainability for our communities. Join in and be a part of this massive effort to improve the built environment. BuiltEnvironmentPlus.org

HISTORICAL NEWS

BY: ERIC EDMAN

No news can be good news. There is nothing to report on the historical front. Nothing has been communicated from Society to share with all of you either.

Word has it some of our sister chapters in the region have gone underground since COVID - and have not come up for air yet. That is not good news.

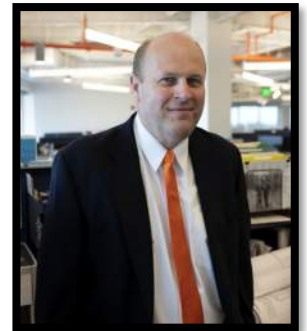
If any of you have dealings with members in other New England locations, you may want to invite them to Boston to recharge their ASHRAE batteries. While we are still meeting virtually, I think we have had a fairly good season, all things considered.

If you have something to share of historical importance send a note. We really do like to get your input. Email is best; eedman@brplusa.com.

Thanks as always for supporting ASHRAE and thanks for supporting history.

Eric

c001his@ashrae.net



Eric Edman
Historian

Presidential Award of Excellence

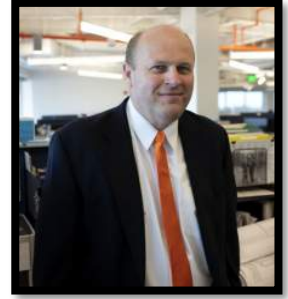


Boston Chapter - 2020-2021

Chapter Members	Membership Promotion	Student Activities	Research Promotion	History	Chapter Operations	Chapter Technology Transfer	Government Affairs	Electronic Communications	YEA Points
<u>1000</u>	<u>935</u>	<u>750</u>	<u>525</u>	<u>230</u>	<u>715</u>	<u>200</u>	<u>150</u>	<u>580</u>	<u>875</u>

History Special Feature

By: Eric Edman - BR+A



Eric Edman
Historian

I think you are probably all sick and tired of me reminding you that ASHRAE is 125 years old. I'll tell you again, ASHRAE began in 1895. I want to take a look at how far this group has come in the last 125. I doubt anyone in 1895 could have imagined just how important HVAC would become. Nobody knew how important HVAC might be towards the health and wellbeing of people globally. ASHRAE created the ASHRAE Epidemic Task Force to provide the public with recommendations for building readiness with respect to COVID-19. The expertise and experiences of the members of the task force is being called on in a way as never before, and ASHRAE continues to make significant contributions. This just shows how vital the ASHRAE members and society have become in 125 years.

This ASHRAE season, with history in mind, I spent all my efforts focusing on things that happened right here in Boston in the world of HVAC. I have even tried to focus on things that happened prior to the formation of ASHRAE in 1895. This month, I have to admit, I have been VERY busy with the other things in life. I did not take time to go searching for something old to talk about and share with you. I simply ran out of steam. Maybe you can relate?

As many of you know, I was the tech session speaker in February. I presented on the history of our chapter, and in the process, also a bit of ASHRAE national history as well. After the meeting, something from the presentation struck me. There is a historical photo of all of the attendees of the first society meeting in Nashville, TN, in 1959. There is not one woman pictured in the group! Of course this is no surprise to many. Today, ASHRAE is open to all people, in all nations, and actually celebrates diversity. I think one of the biggest milestones for ASHRAE (and the HVAC industry) was opening membership to women. In my opinion, the industry has seen steady improvements since that time. This past month, March, was women's history month. I learned of a short story about a woman in HVAC history that I look forward to sharing in a future article once I have time to do some research. Her story is quite interesting.

I am going to talk about women's history a bit first. Recently, my sister shared with me a short video. The title "The Journey That Changed Everything." It had, in a few minutes, shared a very powerful message and indeed changed the world forever. I will encourage you to watch the video. Go ahead and Google it, or use this [link](#).

Flash back in time to the late 1880's (right around the time ASHRAE was starting) a few people in Germany were tinkering around with building automobiles. You may have heard the name Carl Benz. The Mercedes-Benz Corporation has its roots from this man and his colleagues. While the work of this man is what we know, the video brought to bear a larger story. Yes, Carl Benz was a gifted and talented man. What I never learned from textbook history was that his wife Bertha was also a gifted and talented engineer. She came from a wealthy family and had a keen sense for mechanical things. She was never in the spotlight, but what she did in 1888 helped bring their work into the spotlight. She did one of the boldest things I can imagine a woman doing in that time. Bertha worked with her husband and others on the Benz patent motor wagon of 1895. One morning in 1888, without telling her husband, she took her two sons and the car and rode off towards her parents house many miles away. She did not leave a note and did not have Google Maps to guide her. It was no small feat, but she drove the 60 odd miles in 12 hours.

Here is where I will encourage you to watch the video again. The video has quite the representation of what it was like to run out of gas in the days before gas stations and AAA road side rescue. The real message to the story was how a woman had just changed the world. The drive to her parents house accomplished what her husband was unable to do, market the invention. The word of this new invention travelled quickly, it was not long before sales picked up and I can be sure none of you need me to tell you who ran the marketing side of things. Bertha also went on to develop a better braking system. She worked tirelessly and raised a family so her husband could work on automobiles. She worked on setting up fuel stations and parts distribution. This woman's determination and efforts were unstoppable.

Bertha Benz truly changed the world for all of us. I can just think of the invention of automobiles and say, thank you. In my own simple way, I wanted to take a moment and thank all the women who have made a difference in the world, and continue to do so. I can say ASHRAE, the engineering community, and indeed the world have benefited from all your efforts. Keep it up. Let me know how I can help. Here is to diversity in every way imaginable.

Eric
c001his@ashrae.net



By: Will Fisher FIA Inc.

Massachusetts Governor Signs Climate Bill

The Massachusetts "Act Creating a Next Generation Roadmap for Massachusetts Climate Policy," Senate Bill 9, was signed into law last week by Governor Baker. Some of the provisions in the bill have changed over the past few months as it was passed by the legislature, then vetoed by the Governor, and subsequently reworked by the House and Senate. The legislature ultimately rejected amendments supported by Governor Baker that would have lowered the 2030 target for reducing emissions. The new law now requires that greenhouse gas emissions in 2030 be at least 50% lower than 1990 emissions, that 2040 emissions be at least 75% lower and that 2050 emissions be at least 85% below 1990 emissions. The bill commits Massachusetts to achieve net-zero carbon emissions by 2050, which, along with the 85% below 1990 goal, would require an additional 15% reduction through strategies like carbon sequestration. The new law also adopts energy efficiency standards for appliances, and authorizes the state to implement a new, voluntary energy-efficient building code for municipalities.



Will Fisher
Government Affairs
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Rhode Island "Act on Climate" Bill Passes Legislature

The Rhode Island "Act on Climate" bill, H. 5445, has now passed both the House and Senate. The bill is aimed at reducing the state's greenhouse gas emissions and strengthening clean energy policies. It builds upon the Resilient Rhode Island Act of 2014 with stronger emission reduction targets. It is also intended to increase accountability to ensure the state's goal of net-zero emissions is met by 2050 and calls for a state council to develop a plan to reduce all climate emissions from the transportation, buildings, and heating and electricity sectors. This council would have the targets of reducing emissions to 45% below 1990 levels by 2030; 80% below 1990 levels by 2040; and ultimately net-zero by 2050. The House and Senate are reconciling differences across each chamber's version of the bill, which will likely be completed next week, and then the bill will head to the Governor's desk.

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Commercial HVAC Business Development/Key Account Manager

The Key Account Manager is responsible for the sale of Trumbull Campbell commercial HVAC products and service offerings to owners and/or owner representatives. The Key Account Manager will build and maintain long term relationships with owners and/or directors by providing technical solutions and operational expertise.

Responsibilities:

- Build relationships with owners or owner representatives responsible for the decision-making process to drive the sale of TCA products and service offerings
- Sell persuasively, persistently and confidently to building owners
- Actively listen, probe and identify concerns. Understand the customer's business and speak their language
- Focus on improving the HVAC and controls systems of existing buildings allowing the building owner to achieve business objectives
- Seek out qualifying sales opportunities on a regular, consistent and proactive basis
- Establish and maintain an active presence in professional organizations such as ASHRAE, BOMA and AEE, etc.
- Manage ongoing opportunities particularly focusing on selling services and retrofits
- Sell, renew and expand renewable service agreements, including multi-year agreements, to both new and existing customers
- Obtain and close sales on a monthly basis.
- Ensure post sale customer satisfaction since the actual equipment order and/or service will be processed by others in the organization

Qualifications:

- Bachelor's degree in business, engineering, or related discipline.
- A minimum of six (6) years of field sales experience.
- At least one year successfully selling HVAC or building automation system service or projects.
- Excellent initiative and interpersonal communications skills.
- Demonstrated ability to influence account decision makers at key levels.
- Clean Driving Record

Excellent Benefits Package. Salary and Commission Negotiable.

Email your resume IN CONFIDENCE to LizD@trumbullcampbell.com or call Liz at 978-387-2749. TCA is an Equal Opportunity Employer.



Commercial Applied HVAC Sales Engineer - Boston

Trumbull Campbell Associates, Inc. ("TCA") is a Massachusetts manufacturer's rep firm founded in 2006 selling commercial HVAC/R equipment throughout New England. TCA is looking for an experienced, highly motivated, organized and independent outside Sales Engineer to join our dynamic team.

Qualifications:

The qualified candidate must be a high-energy, a team player with a strong work ethic and definite experience in the HVAC field. This is a full-time, remote position with occasional in-office meetings, travel for training and industry events, customer entertaining and involvement in trade organizations such as ASHRAE, BOMA, ASPE, etc.

Responsibilities:

- Develop new and maintain existing relationships with customers including mechanical engineers, mechanical contractors, architects, general contractors, property owners and construction management firms
- Educate customers on our product lines we represent and provide applications assistance
- Determine project needs, constraints and responsibilities in order to meet our customers' HVAC/R system design and installation requirements
- Submit timely, effective and competitive bids – all with the goal of increasing number of specifications and sales closed
- Project manage job to successful completion

Education and Experience:

- Degree in mechanical or industrial engineering or equivalent experience in the HVAC/R industry
- Minimum 3 years sales in HVAC/R industry
- Minimum 3 years calling on engineers and contractors in Boston area
- Ability to read and comprehend architect and engineer plans and specifications
- Familiar with PowerPoint/Excel/Word and other Microsoft office products
- Excellent written and oral communication skills
- Willing to travel as needed to training events and conferences

Excellent Benefits Package. Salary and Commission Negotiable.

Email your resume IN CONFIDENCE to Liz Desmarais, LizD@trumbullcampbell.com or call Liz at 978-387-2749. TCA is an Equal Opportunity Employer.

EVENTS CALENDAR

Date	Event	Location	Main Meeting
April 12, 2021	April BOG Meeting	Online	Board of Governor’s meeting is on Monday April 12th at 4:00 pm, contact any board member if you would like to attend.
April 13, 2021	April Meeting	Online 12:00 pm	Noise and Vibration in Industrial Settings, How to Mitigate It—Jag Rajaserkaran
April 19, 2021	BE+ EPMA	Online 6:00—7:00 pm	Emerging Professionals of Massachusetts Meeting
May 11, 2021	May Meeting	Online	Installation of Officers
May 18, 2021	ASHRAE Webinar	Online	Maximizing Building Efficiencies an IEQ through Polymer Systems
May 24, 2021	Golf Outing 1:00 pm	Granite Links	Details to follow!

Join and check the ASHRAE Boston Chapter LinkedIn page for the most up to date information!



[Boston ASHRAE Facebook](#)



[Boston ASHRAE Twitter](#)



[Boston ASHRAE LinkedIn](#)



Boston Monthly Meetings	ASHRAE Courses— Complete List
Boston Chapter Special Events	YEA Events
DiA Events	Other Societies Events

New Member Welcome!

On behalf of everyone at Boston ASHRAE, please help us in welcoming the newest members of our Chapter!

- Conor Rielly
- Dr. Bernie Malouin
- Matthew Dziuk
- Peter Sabourin
- Tim Bill
- Haidong Zeng

We are always looking for new members to grow our community. If any current members of the Boston ASHRAE chapter are looking to get more involved with the operations of the chapter, the BOG, or just looking to lend a helping hand, we are always looking for volunteers. Please reach out to Lucas Rowe (Membership Promotion Chair at mem01@ashrae.net) for any info on how you can get involved with Boston ASHRAE!

Thank you,
Lucas Rowe

Research Promotion

Dear ASHRAE Members,

Our research promotion goal for 2020-2021 is to raise \$27,300 for ASHRAE. We have raised \$9,200 so far this year. We are looking forward to adding the money raised from our corporate sponsors!

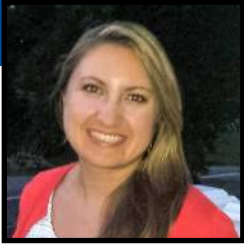
You can start helping ASHRAE reach our goals by donating online at www.ashrae.org/donate. Let me know if you are interested in donating in another way other than online. We can always accept donations at upcoming meetings as well. Please contact me with any other questions you may have or if you would like to be directed to additional resources.

Thank you!

Will Cunningham
c001rp@ashrae.net



BOSTON CHAPTER OFFICERS



President
Deanna Adkison
Fitzemeyer & Tocci
c001@ashrae.net



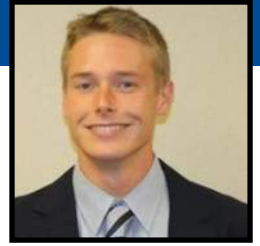
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<p>Attendance & Reception Soren Ruvolo BR+A c001mem@ashrae.net</p> <p>Lucas Rowe Accuspec Inc. c001gacc@ashrae.net</p> <p>Communications, Webmaster, & Publicity Liz Desmarais Trumbull Campbell c001pub@ashrae.net</p> <p>Diversity in ASHRAE Erica Norquist Fitzemeyer & Tocci</p> <p>Amy Gebhardt Victaulic</p>	<p>Golf Outing Will Mallia BR+A c001golf@ashrae.net</p> <p>Government Affairs Will Fisher FIA Inc. c001gac@ashrae.net</p> <p>Lucas Rowe Accuspec Inc. c001gacc@ashrae.net</p> <p>Historical Eric Edman BR+A c001his@ashrae.net</p> <p>Honors & Awards & Nominating Bob Persechini NV5 c001ha@ashrae.net</p>	<p>Membership Promotion Lucas Rowe Accuspec Inc. c001mem@ashrae.net</p> <p>Alex Gilman BR+A c001memc@ashrae.net</p> <p>Newsletter Editor Allison Guttadauro Trumbull Campbell NorthEastAire@gmail.com</p> <p>Professional Development Alex Gilman BR+A c001vp@ashrae.net</p> <p>Refrigeration Steven Tafone Suffolk Construction c001ref@ashrae.net</p>	<p>Research Promotion Will Cunningham BR+A c001rp@ashrae.net Deanna Adkison Fitzemeyer & Tocci c001rpc@ashrae.net</p> <p>Special Events Amy Gebhardt Victaulic c001bog1@ashrae.net</p> <p>Student Activities & Scholarship Yuka Narisako BR+A c001sa@ashrae.net</p> <p>Sustainability Vineet Nair CRB c001sus@ashrae.net</p>	<p>Technology Transfer Will Cunningham BR+A c001cttc@ashrae.net</p> <p>Alex Gilman BR+A c001vp@ashrae.net</p> <p>Young Engineers in ASHRAE Gage Foley Trumbull Campbell c001yea@ashrae.net</p> <p>Corporate Sponsorships Bob Persechini NV5 c001ha@ashrae.net</p>
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