

September Newsletter



A Message from Our President

This upcoming year in ASHRAE our chapter's focuses will be based off National President Dennis Knight's goals, but with a twist. Dennis's focus is on addressing the workforce crisis within the built environment community. Where are all the people? There are jobs, why can't we fill them? Dennis's plan of action is to educate younger generations and support workforce development. We, as a local chapter, can work towards these goals by speaking at K-12 schools, local colleges, and trade schools. We will bring more awareness to our scholarship fund to help the next generation be able to afford school. Building upon this goal, I personally want to focus on our local community. I would like to have a volunteering event at least once a month. If you are passionate about any local non-profit organization, please let me know. I want to keep moving forward with our goal from last year to create a non-profit sub-division within our ASHRAE chapter that will support local projects with pro-bono design and offsetting some of the financial costs of their projects. We will also work to find grant money for the local organizations.



We are adding two new committee chair positions to our board this year: Women in ASHRAE (WIA) and Diversity, Equity, and Inclusion (DE&I). WIA meetings and events are gender inclusive, all are encouraged to join to support and better understand your female colleague's perspective in a male dominated field. With the additional pressures of being referred to as a "trailblazer," us women need to connect with one another, so we do not feel so alone. The DE&I committee will be involved heavily with our new community initiatives and will be behind the scenes to make sure that our chapter is a safe and comfortable place for anyone to attend meetings no matter age, sexual orientation, gender identities, religion, disabilities, etc.

Last year our big goal was to get our attendance up for events, which we were able to accomplish. I would like to continue that momentum into the upcoming year. Our more successful events from last year will be happening again this year as well. To kickstart the season, we are hosting an appreciation event to thank all who helped make our events last year a success, volunteering their time or donating money as a sponsor. Our chapter could not have held the events that we did without their help.

As your incoming President, I am looking forward to continuing to host educational meetings and networking events, with additional community engaged events. There are a lot of exciting things happening this year, and I cannot wait for what is to come.

Nicole Smith
President – ASHRAE Buffalo Chapter

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Website:

Check out our website for updated chapter information at www.buffaloashrae.org

Editor's Note:

Do you have some ASHRAE related information to share with the chapter or an HVAC related event or opportunity to advertise? If so, please reach out to the newsletter editor and discuss options for publishing in the chapter newsletter.

Newsletter Disclaimer:

The appearance of any technical data, editorial material, or advertisement in this set of publications does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, procedure, design, or the like. ASHRAE does not warrant that information is free from errors, and ASHRAE does not necessarily agree with any statement or opinion in this set of publications. The entire risk of the use of any information in this set of publications is assumed by the user. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without special permission.

YOUR CHAPTER NEWS IN ONE PLACE

Advertise in the Chapter Newsletter!

Advertising in The Newsletter is a great way to promote your business to local industry professionals! The Newsletter currently offers a business card size (3.5" x 2") ad for \$100. Your ad will run in every issue of the newsletter for the 2024-2025 ASHRAE year! If you would like to place an advertisement in the newsletter, please follow the instructions below:

- E-mail a PDF copy of your ad to jmee@ipdengineering.com
- Please mail a check payable to ASHRAE Buffalo Chapter mail to the Chapter Treasurer: Eben Piazza, ASHRAE Buffalo Treasury, 3132 Clinton Street, Buffalo, New York 14224



Check out Local Employment Opportunities!

ASHRAE is a great source to find your next career opportunity! Employers can easily post jobs at: <https://buffaloashrae.org/classifieds.php>.

- Postings are made available to the entire chapter membership through the website and the monthly newsletter.
- Postings never expire, they remain available until the employer fills the position or informs the chapter that the position is no longer available.
- There is a small, one-time fee of \$100 to post openings. Proceeds are provided to the chapter to assist in annual chapter expenses.



Follow us on LinkedIn.

The Buffalo Chapter of ASHRAE is now on LinkedIn. Follow us at: <https://www.linkedin.com/company/buffaloashrae/> for latest event updates and chapter news. Contact Lizzie Hagerty (ehagerty@cannondesign.com) if you have any content you'd like to share with our subscribers.



Scholarship Opportunities!

Applications will be accepted from Engineering or Technical students majoring in Mechanical Engineering or in a technical course related to the field of Heating, Refrigeration and Air Conditioning.

Visit <https://www.ashrae.org/membership--conferences/student-zone/scholarships-and-grants/scholarship-program> to see what opportunities are available, or contact Andrew Nowak at anowak@mollenbergbetz.com



Welcome to our New Members:

We're glad you've chosen to join the ASHRAE Buffalo Chapter and look forward to meeting you at our upcoming Chapter Events

- Mr. Nathan Snyder; Frank P Langley Company
- Mr. Nathan Gora; Alfa Laval Inc
- Mr. Devin Brandon; NYS OGS Design and Construction
- Mr. Jack Dunn; CPL
- Mr. John Wojcik; University at Buffalo
- Ms. Kathleen Alfiero; ME Engineering
- Mr. Brian Babiak; Frank P Langley Company
- Ms. Gabrielle Sala; ME Engineering
- Mrs. Amy Studi; Alfa Laval Inc.
- Mr. Mike Bragnesi; ME Engineering

The chapter has several board positions available. If you are interested in volunteering for one of the open positions, please reach out to our Chapter President: Nicole Smith





2024 ASHRAE Golf Outing Results:
First Place: (58) Dan Arnold, Mike Barbasch, Aaron Schauger, Austin Crosby
Second Place: (62) Richie Celantano, Greg Dolegala, Brian Whelan, Nate Wiles
Third Place: (62) Nick Masiello, Tom Noonan, Corey Monks, Sam Prezioso
Longest Drive #1- Men: Aaron Schauger
Longest Drive #1 – Women: Nicole Smith
Closest to the Pole #2 – Men: (4’6”) Corey Monks
Closest to the Pole #2 – Women: (Blind Draw) Jennifer Joseph
Closest to the Pole #15 – Men: (6’6”) Nick Masiello
Closest to the Pole #15 – Women: (7’8”) Melanie Stachowiak



UPCOMING CHAPTER MEETING				
Date	Location	Topic and Speaker	Event Sponsor	Cost*
September 24, 2024 5:00 – 8:00	Hutch's 1375 Delaware Ave.	Extreme Event Engineering – Understanding IBC Seismic/Wind Restraint Requirements and Risks presented by Greg Schmelig (Vibro-Acoustics)	 M/E Engineering, Bar Sponsor RF Peck, Presentation and Dinner Sponsor	Member: \$50.00 Non-member: \$55.00

* Note that moving forward 24 hours prior to the event and at the door we will be charging a \$10 late fee. Please try to RSVP prior to that 24-hour window so we can give a proper headcount to the restaurants and do not end up short or paying for extra seats.

UPCOMING YEA EVENT				
Date	Time	Location	Event Sponsor	Cost*
CHECK BACK SOON FOR EXCITING UPCOMING YEA EVENTS				

* Please reach out to Nicole Smith if your firm would be interested in sponsoring a future YEA Event. The chapter strives to keep these events free of charge for attending members so we're always in search of willing sponsors. Sponsoring firms will be recognized in the preceding newsletter.

PAOE SUMMARY			
Category	Par Points	Minimum Points	Total Points
Chapter Operations	1500	600	10
Chapter Technology Transfer	1500	550	600
Communications	700	300	0
Government Affairs	1250	500	0
Historical	500	100	0
Membership Promotion	1600	1000	350
Research and Promotion	1050	800	0
Student Activities	800	500	0
Young Engineers in ASHRAE	900	300	650

* Point summary current as of 09/10/24.



2024-2025 CTT / PROGRAMMING			
Date & Time	Presenter / Topic	Date & Time	Presenter / Topic
September 24, 2024 5:00 – 7:00 PM	Extreme Event Engineering – Understanding IBC Seismic/Wind Restraint Requirements and Risks presented by Greg Schmelig of Vibro- Acoustics	February **tentative**	Induction Displacement in Classrooms and Chilled Beams in the Corridors Tour and Meeting <i>More Details to Follow</i>
October **tentative**	Presentation by BJ Muirhead <i>More Details to Follow</i>	March **tentative**	BMS Controls <i>More Details to Follow</i>
November **tentative**	ASHRAE Standard 241 <i>More Details to Follow</i>	April **tentative**	Distinguished Lecturer <i>More Details to Follow</i>
December **tentative**	Annual Holiday Party <i>More Details to Follow</i>	May **tentative**	Trade Show, Tour, and Panel Presentation at the Buffalo History Museum <i>More Details to Follow</i>
January **tentative**	Geothermal and Hybrid System Application <i>More Details to Follow</i>	June **tentative**	Annual Golf Outing <i>More Details to Follow</i>



In ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness, and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism, and diversity, and shall avoid all real or perceived conflicts of interest. Our culture is one of inclusiveness, acknowledging the inherent value and dignity of each individual. We celebrate diverse and inclusive communities, understanding that doing so fuels better, more creative and more thoughtful ideas, solutions and strategies for the Society and the communities our Society serves. We respect and welcome all.



A LESSON IN HISTORY

You may never have heard of Hugh J. Barron. He was Irish by birth and a Steamfitter by trade. He served with the Fighting Sixty-ninth. He became an independent contractor at one point and then a salesman. He was long a member of the Master Steamfitters Organization where he, and others, prepared and read lengthy papers on the technical aspects of this new art, called steam heating.

In 1894, the Master Steamfitters Organization invited David Nesbit, an English heating engineer, to deliver a paper to the group. Mr. Nesbit traveled across the Atlantic for this, but when he arrived, those in charge of the Master Steamfitters Organization insisted that he deliver the paper in 10 minutes or less. They had grown weary of all these long-winded presentations and callously put into place what I suppose was their version of Twitter. Mr. Nesbit was quite understandably upset.

But not as upset as Hugh J. Barron. He immediately abandoned the group and got together with 15 like-minded heating professionals who wanted to learn more than could be taught in 10-minute chunks. They formed a new organization and called it The American Society of Heating and Ventilating Engineers. **Today, we know that group as A.S.H.R.A.E.**

In one of those lengthy papers that Mr. Barron delivered to the Master Steamfitters, titled *A Look Ahead*. It was presented at their June 1893 meeting. His intent was to predict what would take place in the heating business during the following 75 years, but he begins his talk by looking backward 75 years. He tells the story of how our industry began, and a wonderful story it is.

And then, when he turned toward the future, I was amazed at how much he got right. He predicted that radiators would quickly evolve into “poems in art.” When we look at those ornate Victorian beauties that appeared around the Turn of the Century we have to tip our hats. He sure got that one right. He also said that the steam radiators will be connected with a single pipe, and that pipe would be hidden within the walls. At the time, there was only two-pipe steam, and most of the pipes stretched unsightly through the rooms. He also said the radiator supply valve would be replaced with a foot valve so Victorian ladies would be able to control the heat without bending down. This, too, arrived shortly thereafter. “Let the radiator man study beauty,” he said. “His business is an artistic one.” And isn’t that a lovely way to look at business?

He said that the natural development of architecture would lead to hot-air heating by indirect steam or hot water. These are the systems that have huge iron radiators suspended within ductwork in the basement, and ducts running upward within the walls to end in floor grilles. This system arrived and most worked with natural convection alone, but Mr. Barron predicted that at some point, fans would become part of that system. He also predicted that electric-resistance coils would replace steam heat in many buildings.

“Cast fittings will disappear and be succeeded by malleable and wrought fittings, and also by steel fittings,” he said. “Screwed joints will, to a great extent, disappear and be replaced by electric welding. The exhaust steam from engines that is now thrown away in cities will be saved by having one large central pipe. Steam for heating will be taken from this.” Consider the steam-based, district-heating systems of cities such as New York and Philadelphia.

And then there was this prediction: “There are impending changes in the relation of the jobber. Very soon, every contractor will buy from the jobber only, and no manufacturers will sell directly to consumers or contractors. Every article and specialty will be distributed by the jobber. Specialization will be carried so far that no jobber would think of manufacturing and no manufacturer would think of jobbing. They could not make it pay. Margins of business will be too close and business will be too well organized to allow anything of that kind. Specialization is now carried very far in our particular business, but it will be carried much further. Where specialization is carried to its extreme, as in the production of one simple article, competition becomes very fierce; so fierce in fact that it destroys itself by reducing profits to such a point as to make the carrying on of business undesirable.”

Hugh J. Barron died on April 6, 1918 as his old regiment fought in The Great War. He was 62 years old. He helped found A.S.H.R.A.E and encouraged the nascent I=B=R. He believed in learning, teaching, and sharing. He saw the future well and he did not suffer fools. He was one tough Irishman.

Published: November 10, 2014 - by Dan Holohan, Reprinted by permission
- Rick Robinson, Chapter Historian





Employment Opportunities

Mechanical Engineer

Trautman Associates

https://buffaloashrae.org/classifieds.php?record_number=6

As a Mechanical Designer, you'll specialize in commercial projects that range from groundbreaking new constructions to transformative renovations.

1. Collaborate with multidisciplinary teams to design mechanical systems that meet client needs and exceed industry standards.
2. Prepare construction documents and conduct comprehensive energy modeling and calculations.
3. Ensure compliance with energy codes and regulations.
4. Conduct field surveys to assess existing HVAC, Plumbing and fire protection infrastructures.
5. Engage in construction administration activities.
6. Lead teams through project milestones.

What we are looking for in our next Mechanical Designer:

1. A bachelor's degree in Mechanical Engineering.
2. A minimum of 5 years of professional experience.
3. Proficiency in AutoCAD, Revit, Bluebeam, and MS Office.
4. Understanding of relevant codes and standards.
5. Ability to manage multiple projects concurrently while meeting deadlines.
6. A collaborative spirit and excellent communication skills.

If you're a motivated individual who shares our values and is seeking a fulfilling career in mechanical design, we'd love to welcome you to our team! Join us at Trautman Associates and become part of our vibrant community. Apply today and let's build a brighter future together.

Contact Information

Marisa Scroger

mscroger@trautmanassoc.com



Design Engineer - HVAC

Stark Tech

https://buffaloashrae.org/classifieds.php?record_number=4

This position is responsible for providing engineered drawings for HVAC control systems.

1. Review specifications and contract drawings for assigned projects.
2. Provide accurate drawings for HVAC control systems and schematics using AutoCAD or Visio/Smartware (Western NY – AutoCAD, Eastern NY & Florida – Visio/Smartware).
3. Size control valves, dampers, air flow stations, and the like for HVAC systems.
4. Write and understand the sequence of operations for HVAC control systems.
5. Assemble submittals and O&Ms for projects.
6. Perform other duties as assigned.

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.

<https://www.applicantpro.com/openings/starktech/jobs/3255037-939656>

Contact Information

Christine Stuber

stuberc@starktech.com

THANK YOU TO OUR GENEROUS SPONSORS

ASHRAE Buffalo Chapter Sponsor and Volunteer Appreciation Happy Hour

September 20, 2024 | 4:30 PM to 6:30 PM

Tappo Restaurant - Rooftop

338 Ellicott St, Buffalo, NY, 14203

[Add to Calendar](#) [Get Directions](#)

Buffalo ASHRAE chapter is holding its first of a kind Thank You happy hour to our many sponsors and volunteers from 2023-2024 ASHRAE calendar year. This is a new incentive we are starting this year to bring awareness and appreciation to those who went above and beyond for our chapter during the past ASHRAE year. We will be holding an open bar happy hour with appetizers at Tappo on the rooftop. If there is inclement weather we will relocate the event downstairs to the main bar inside.

Please do NOT purchase tickets for this event, our loyal event sponsors will receive a personal email with a coupon code to waive the event cost. This is an exclusive event for those who sponsored and volunteered, if it doesn't sellout 48 hours prior to the event we will open the remaining tickets for sale for \$25 to the rest of the chapter membership.

With the help of our gracious sponsors, last year we were able to raise over \$11,000 to meet our RP goal for our chapter to donate to national for continued research. These donations also allowed the chapter to be able to continue to host awesome events throughout the ASHRAE year. Huge thank you to all of our sponsors. Nicole Smith will be reaching out personally to each sponsoring company below to give a coupon code to for their free admission tickets.

Platinum Sponsor (above \$2,000) - 5 free event tickets

- Trane

Gold Sponsor (\$1,000-\$1,500) - 4 free event tickets

- R. F. Peck Company, Inc.
- JW Swanson & Associates

Silver Sponsors (\$500-\$999) - 3 free event tickets

- H&V Sales, Inc.
- Guckian Energy System LLC
- Modular Comfort Systems
- Stark Tech
- Victaulic
- M/E Engineering

Bronze Sponsor (\$150-\$499) - 2 free event tickets

- Buffalo Engineering
- EBS Engineering PC
- IPD Engineering
- DV Brown & Associates
- IBC Engineering PC
- Laars Heating Systems Company
- CannonDesign

Please note that there will be 54 invites being sent out between the sponsors and volunteers but there is a maximum of 40 attendees. The attendees will be based off a first come first serve basis. If the event sells out, please email Nicole Smith (nsmith@cannondesign.com) to be added to a waitlist. If you signed up but can no longer attend the event, please reach out to Nicole Smith so she can give your open spot to the first person on the waiting list. As with any new event there might be some confusion, if you have any questions please reach out to Nicole Smith.



BUFFALO CHAPTER OFFICERS AND COMMITTEE CHAIRS

	Name	Company	Phone	Email
President	Nicole Smith	Cannon Design	716-774-3256	nsmith@cannondesign.com
President-Elect	Stacia Valik	Stark Tech Group	716-693-4490	valiks@starktech.com
Vice President	Elizabeth Hagerty	Cannon Design	716-774-3381	ehagerty@cannondesign.com
Secretary	Dan Arnold	JW Swanson	716-877-6900	darnold@jswanson.com
Treasurer	Eben Piazza	Emerson-Swan	716-290-1090	epiazza@emersonswan.com
Board of Governors	Tom Snyder	Guckian Energy Systems	585-218-0011	toms@guckianenergy.com
Board of Governors	John Stuber	U&S Services, Inc.	716-693-4490	stuberj@usservicesinc.com
Board of Governors	Thomas Marone	BJ Muirhead Co.	631-599-3971	tmarone@bjmuirhead.com
Historian	Rick Robinson	Retired	716-983-6292	krrjr49@outlook.com
Scholarships	Russ Stuber	Retired	716-693-4490	russstuber@gmail.com
	Drew Nowak	Custom Sheet Metal	716-614-7473	anowak@mollenbergbetz.com
	Dave Nowak	JW Danforth	716-832-1940	dnowak@jwdanforth.com
Awards	Rick Robinson	Retired	716-983-6292	krrjr49@outlook.com
	Russ Stuber	Retired	716-693-4490	russstuber@gmail.com
Membership	Eben Piazza	Emerson-Swan	716-290-1090	epiazza@emersonswan.com
Newsletter Editor	Joshua Mee	IPD Engineering	716-431-5719	jmee@ipdengineering.com
Refrigeration	Chris Fecio	Cannon Design	716-773-6800	cfecio@cannondesign.com
Research Promotion	Bryce Siegmann	Stark Tech	716-631-9640	siegmannb@starktech.com
Young Engineers				
Student Activities	Kirk Feeney	Trane Commercial Systems	716-449-9250	kirk.feeney@trane.com
Webmaster	Thomas Marone	BJ Muirhead Co.	631-599-3971	tmarone@bjmuirhead.com
CRC Delegate	Nicole Smith	Cannon Design	716-774-3256	nsmith@cannondesign.com
CRC Alternate	Elizabeth Hagerty	Cannon Design	716-774-3381	ehagerty@cannondesign.com
Grassroots Government Advocacy	Charlie Grochowiak	RF Peck	716-276-8933	cgrochowiak@rfpeck.com
Sustainability	Krista Wayne	Cannon Design	716-774-3459	kwayne@cannondesign.com
Woman in ASHRAE	Nicole Smith	Cannon Design	716-774-3256	nsmith@cannondesign.com
	Elizabeth Hagerty		716-774-3381	ehagerty@cannondesign.com
Diversity, Equity and Inclusion				

BOARD OF GOVERNORS MEETING MINUTES

When: Wednesday September 11, 2024 @ 5:00 PM

Attendees: Nicole Smith
Eben Piazza
Elizabeth Hagerty
Rick Robinson
Chris Fecio
Krista Wayne
Charlie Grochowiak
Kirk Feeney
Joshua Mee (remote)
Stacia Valik (remote)

1. President:

a. Yearly Goals:

- Focus on community engagement.
- Educate K-12, colleges and trade schools about the different job opportunities there are within the built industry.

b. Monthly Topics:

- Thank you sponsors and volunteers happy hour 9/20/2024.
- New committee chairs: WIA and DE&I as well as bringing life back to an old committee chair Grassroots.
- Task all BOG members to read the POAE points and come up with goals for the year ahead by the next BOG meeting. If you cannot attend send your goals with your plans to achieve them to Nicole.
- Big push for community engagement this year – if you would like to get involved with this initiative let Nicole know.
- Looking for someone to take YEA chair and DE&I chair Nicole will fill these positions in the intermediate but would like to pass them along to someone else.
- BOG meetings moving forward will be in person only no option for a call in there are only 9 meetings a year if you hold a position on the BOG you need to make your best effort to make at least 7 meetings. If you do not make 7 (unless there are significant reasons for you to not be able to attend) your position will be up for someone else to fill next ASHRAE year.
- Big events: tour of key bank center, tour of the new Bills stadium, similar event to last year at the history museum in April or May with a trade show with Dennis Knight coming.
- Have the MP chair bring list of delinquent members to BOG meetings every month.
- Do a combined meeting with contractors that would be awesome- Talk to Patrick McParlane (Danforth).
- Have a poster session say before a meeting there could be posters set up for engineers to show off their company's yearly work – make sure to add the ASHRAE lingo to posters about not advertising.
- Talk to Kelsee about getting our banners.
- The average age for ASHRAE is 53 years old.
- Upgrade social media presence.
- Pay for storage look into cost for this and how much stuff we have to store.
- Offer an incentive to fill out forms about next year topics – QR code for surveys – door prize.
- Membership battle add to the newsletter.
- Offer hybrid option for monthly meetings? Group determined no.
- Add a corporate rate for ASHRAE membership to try to promote more companies to pay for their employees to join ASHRAE.
- Create a OneDrive to collect all the info for the chapter and pass down year to year. Alternatively, look into a google drive.
- Should we do an outside audit? Yes, putting together a group.
- Consider adding a trade show with the event at the History Museum. Needs to be below a certain threshold.
- Consider getting a connection with Clean Air.

- Hold a social event, likely in the Spring.
 - Special event form - for additional points.
2. President Elect (CTTC):
 - a. Yearly Goals:
 - b. Monthly Topics:
 - The first meeting will be held at Hutch's on September 24th.
 3. Historian:
 - a. Yearly Goals:
 - b. Monthly Topics:
 - CannonDesign will be providing a write up on their company's history.
 - Work with Rick to get Willis Cannon honored at the history museum – goal to achieve unveiling by our meeting/trade show there in the fall.
 4. Awards:
 - a. Yearly Goals:
 - b. Monthly Topics:
 - Nicole has awards for Tom Marone and Eben Piazza.
 5. Membership:
 - a. Yearly Goals:
 - b. Monthly Topics:
 - Membership growth goal every year is 2% we achieved 8% last year and Eben won an award.
 - We lost 4 YEA members this year went from 45 to 41.
 6. Research and Promotion:
 - a. Yearly Goals:
 - b. Monthly Topics:
 - Bring back the 50/50 raffle at the monthly meetings.
 7. Student Activities:
 - c. Yearly Goals:
 - d. Monthly Topics:
 - Get a table at the career fair at UB.
 - Host an HVAC design calcs class to UB students.
 8. Webmaster:
 - e. Yearly Goals:
 - f. Monthly Topics:
 - Send email once a month to give upcoming events for the month ahead and then the newsletter.
 9. Grassroots and Advocacy:
 - g. Yearly Goals:
 - h. Monthly Topics:
 - Look into grants we can help local organizations apply for to receive funding for building upgrades or new builds.
 10. Next Meeting: October 2, 2024.