

April Newsletter



A Message from Our President

The end of the ASHRAE year is finally upon us. It has been a year filled with fun, growth, and changes for our local Chapter. But just because the year is ending doesn't mean there aren't some exciting events still planned for the summer! Before we get into that though I want to thank all the ASHRAE Members who volunteer their time over the course of the year as members of the BOG and different chairs in ASHRAE Organization. I want to bring attention to a few notable things that our different chair members have accomplished.

First off, Eben Piazza has done a phenomenal job raising the chapter membership this year. We had a goal to increase membership by 2% this year, Eben not only met that goal but blew it completely out of the water. Eben was able to grow the Buffalo ASHRAE membership by 8% this year! If you see Eben, make sure to thank him for his efforts. Everyone on the BOG appreciates all his efforts and we're looking forward to seeing him in other positions as part of ASHRAE.



Also, a big shout out to Nicole Smith for putting on an incredibly successful season of monthly meetings and events! Attendance at all meetings was up from previous years and there were some great events. The April meeting at the History Museum is one that we are going to grow on in the coming years. Speaking of events, the Golf Outing on June 3rd sold out in 24 Hours! If you have any interest in possibly getting a foursome or sponsorship in for the event, please make sure to reach out to Nicole so she can gauge interest on possibly expanding this event. As always great job Nicole and we all thank you and Scott for putting this event together and making it the premier event of the year for the Chapter.

Thank you all for a great ASHRAE year as President! Keep an eye out for coming elections so we can get next year off to another hot start. Enjoy your summer and thanks for supporting all the different ASHRAE programs throughout the year!

Tom Marone
President
ASHRAE Buffalo Chapter

Inside this Issue:

President's Message	1
Chapter News	2
Chapter Monthly Meeting Recap	3
Upcoming Monthly Events	4
PAOE Point Summary	4
2023-2024 CTT/Programming	5
Annual Gold Outing Invitation	6
ASHRAE HVAC Design Training	7
UB Student Design Proposal Solicitation ...	8
Employment Opportunities	9
Chapter Officers and Chairs	10
BOG Meeting Minutes	11

Website:

Check out our NEW 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.

CHAPTER NEWS

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 2023-2024 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 and address to:

ATTN: Dan Arnold
ASHRAE Niagara Frontier Treasury
11 Thielman Drive
Buffalo, New York 14206



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:

- Mr. Joe Cosentino: Johnson Controls
- Ms. Gina Caprio: Stark Tech
- Mr. Ian DiGaudio: Stark Tech
- Mr. Jonathan Konow: JW Danforth
- Mr. Paul Crist: Sheetmetal Workers Local 71
- Mr. John Marando: University at Buffalo
- Mr. Chris Ames: Johnson Controls

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

Upcoming YEA Event:

Let's get together for a happy hour, golf simulator good conversations with friends and colleagues. Enjoy some practice swings ahead of our golf tournament.

Buffalo Golf & Social, 510 Washington Street, Buffalo, NY 14203

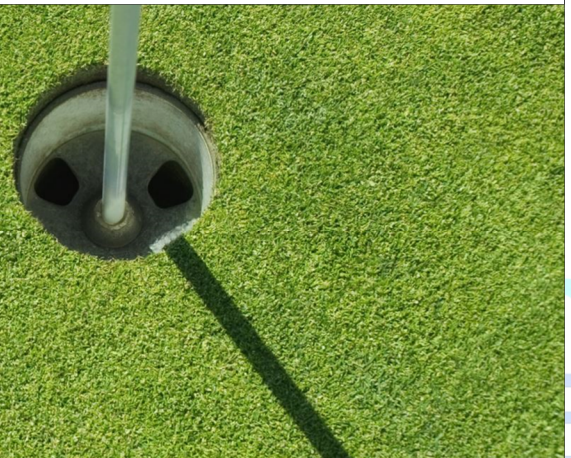
We hope you will join us.. All are welcome!

Sponsorship opportunities are available:

\$300 Golf Sponsor

\$300 Bar Sponsor

Sponsors will be recognized in the next edition of the newsletter.



APRIL CHAPTER MEETING RECAP

THE POWER OF COORDINATION – A MULTI-DISCIPLINARY PANEL DISCUSSION

a joint meeting between: ASHRAE Buffalo, Buffalo AIA Chapter, and the IES Buffalo Chapter



Thank you to our Panelists:

- Nicole Smith – CannonDesign
- Aaron Salva, AIA – CannonDesign
- Rick VanCuren Jr., RA - Architectural Resources
- Peter Murrer, PE - M/E Engineering
- Dan Arnold, PE - JW Swanson
- Patrick McParlane – JW Danforth
- Brian Mangene, PE – CannonDesign

The April chapter meeting on the Power of Coordination – A Multi-Disciplinary Panel Discussion took place on March 26 at Buffalo History Museum. Over 60 members of the local chapters of ASHRAE, AIA, and IES gathered to listen to conversation amongst lead professionals from all fields. The attendees were given a historical tour of the building by Roxanne Button from AIA, Brain McAlonie a museum expert and Melissa Brown the museum’s executive director. During dinner our panel of industry professionals discussed various aspects of coordination. The discussion ranged from the pre-design stage, through design and construction to project completion. Many thanks for our partners from the local AIA and IES chapters for attending and making the event a huge success. We look forward to equally successful joint events in the future.



UPCOMING CHAPTER MEETING

Date	Location	Topic and Speaker	Event Sponsor	Cost*
More information to be emailed to Chapter Membership soon!				

* 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*
May 16, 2024	5:00 p.m. – 8:00 p.m.	Buffalo Golf & Social 510 Washington Street Buffalo, NY 14203	ASHRAE is still looking for an event sponsor and a bar sponsor in order to keep this event free for attendees	Free for Members!!

* Please reach out Kirk Feeney 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	110
Chapter Technology Transfer	1500	550	500
Communications	700	300	110
Government Affairs	1250	500	0
Historical	500	100	135
Membership Promotion	1600	1000	500
Research and Promotion	1050	800	1085
Student Activities	800	500	520
Young Engineers in ASHRAE	900	300	800

* Point summary current as of 4/29/24.



2023-2024 CTT / PROGRAMMING			
Date & Time	Presenter / Topic	Date & Time	Presenter / Topic
September 19, 2023 5:00 – 8:00 PM	Robert W Clements, PE A path to Low Carbon Future in Hydronic Systems in K-12 Schools	February 13, 2024 12:00 – 1:00 PM	Jacob Goldman, LEED AP: Chief Engineer and Vice President of Energy Tax Savers (ETSI) IRA Tax Credits for Heat Pumps
October 17, 2023 5:00 – 7:00 PM	Kaushik Rabadia, EIT: Senior Product Designer – Critical Environments Healthcare Operating Room Applications	March 12, 2024 12:00 – 1:00 PM	Andrew Weidert: Senior VP of Integrated Solutions at Stark Tech Emerging Guidelines and Industry Trends of Electrification, Decarbonization, IAQ and Sustainability for Buildings Moving Forward
November 28, 2023 12:00 – 1:00 PM	Paul Idzik, PE: Mechanical Discipline Lead at CannonDesign and Dan Arnold, PE: Sales Engineer at J.W. Swanson & Associates Adiabatic Humidification in Healthcare Applications	April 25, 2024 5:00 – 8:00 PM	Joint event with local AIA and IES chapters where a panel of speakers will discuss the importance of multi-discipline coordination in our built environment.
December 7, 2023 6:00 – 9:00 PM	2023 ASHRAE Buffalo Chapter Holiday Party at the Curtiss Hotel	May <i>**tentative**</i>	<i>More Details to Follow</i>
January 16, 2024 12:00 – 1:00 PM	Kevin Fahey, VP of Sales: Clean Air Group A Sustainable Solution to Help Improve Indoor Air Quality for the Built Environment, ASHRAE's Standard 241	June 3, 2024 11:00 AM – 7:00 PM	Annual Golf Outing East Aurora Country Club Lunch: 11:00 – 12:00 PM Shotgun Start: 12:00 PM Dinner Served: 5:00 PM



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.

ANNUAL GOLF OUTING

When:

June 03, 2024
11:00 AM - 5:00 PM

[Add to Calendar](#)

Where:

East Aurora Country Club
300 Gridle Road
East Aurora , NY 14052

[Directions](#)

REGISTER NOW

Event Itinerary:

- 11:00 AM: Event registration opens and practice areas are open for warming up
Mulligans will be purchased at registration, \$10 a mulligan and max 4 mulligans per foursome.
- 11:00 AM - 12:15 AM: Cheeseburgers, hotdogs, Italian sausage, and veggie burgers upon arrival
- 12:30 AM: All foursomes will head to their holes for the shotgun start
- 11:00 AM - 4:00 PM: At the turn will be the putt-putt competition (\$5 per putt or \$20 for 5 putts)
*There will be two fully stocked beverage carts serving drinks throughout the day
- 4:00 PM - 6:00 PM: Dinner
- 5:00 PM: Dinner only guests may arrive.

Foursomes are currently sold out, but the Chapter is considering adding more. Please contact Nicole Smith if you are still interested in getting a foursome.

Cost:

- \$175.00 Lunch, drinks on course, dinner and golf (per guest)
- \$150.00 Lunch, drinks on course and golf (per guest)
- \$50.00 Dinner only (per guest)

* All golf tickets need to be purchased in foursomes, you may mix and match golf and food options within your foursome. No individual golf purchases.

Sponsors:

- \$400.00 Lunch Sponsor
- \$500.00 Dinner Sponsor
- \$400.00 Beverage Cart Sponsor
- \$250.00 Men's and Women's Longest Drive Sponsor
- \$250.00 Men's and Women's Most Accurate Drive Sponsor
- \$250.00(x2) Men's and Women's Closest for the Pin Sponsor
- \$150.00 Hole Sponsor (per hole)

Prizes:

- First Place: \$125.00 per player in foursome
- Second Place: \$100.00 per player in foursome
- Third Place: \$75.00 per player in foursome
- \$75.00 per winner
- \$75.00 per winner
- \$75.00 per winner (one front 9, one back nine)
- Putt-putt Winner: Custom Pro V1 golf balls

* All winnings will be for use in EACC pro shop.

Any questions please contact Nicole Smith (nsmith@cannondesign.com) or Scott Converse (sconverse@hvgroup.us)





ASHRAE HVAC DESIGN TRAINING

Coming to TORONTO

▶▶▶ May 6-10, 2024

HVAC Design: Level I – Essentials

When: May 6– 8, 2024 | Toronto, ON

Cost: \$1,501 (ASHRAE Member: \$1,201)

<https://www.ashrae.org/professional-development/all-instructor-led-training/hvac-design-and-operations-training/hvac-design-level-i-ii-trainings-may-6-2024-toronto>

ASHRAE's HVAC Design: Level I – Essentials provides intensive, practical training for HVAC designers and others involved in the delivery of HVAC services. In three days, gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use.

- Fundamentals
- Heating/Cooling Load Calculation
- System Selections
- HVAC System and Components
- Cooling System
- Basic Design of Hydronic Systems
- Basic Design of Air Systems
- Control/BAS

HVAC Design: Level II – Applications

When: May 9 – 10, 2024 | Toronto, ON

Cost: \$1,032 (ASHRAE Member: \$826)

<https://www.ashrae.org/professional-development/all-instructor-led-training/hvac-design-and-operations-training/hvac-design-level-i-ii-trainings-may-6-2024-toronto>

ASHRAE's HVAC Design: Level II – Applications provides instruction on HVAC system designs for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. In two days, gain an in-depth look into Standards 55, 62.1, 90.1, 189.1 and the Advanced Energy Design Guides. Training will focus on a range of topics including: HVAC equipment and systems, energy modeling, designing a chiller plant, and BAS controls.

- Sustainability/Green/LEED/HPB/NZEB
- Standard 55
- Standard 62.1
- Building Systems: Education Facility
- System Applications: Chiller/Boiler, Air Handlers, VAV Terminals
- Life Cycle Cost
- Building Systems: Multi-story Office Building
- Water-to-Water GSHP Option 1 Chilled Beam with DOAS
- Water-to-Water GSHP Option 2 UFAD

Register for BOTH training sessions to save money and fast track your experience level!





2024-25 Mechanical Engineering Senior Design Project Solicitation

The Mechanical and Aerospace Engineering department would like to solicit Senior Design Project Proposals from local companies and industry professionals. Senior Design is a culminating experience in the Mechanical Engineering Program, where students work in teams to tackle a real-world engineering design problem. Many students work with industry partners on their senior design projects. Below you will find more information about the design experience.

Objectives:

- 1) To help the industry fulfill their technical needs with additional dedicated resources and provide opportunities for professional development and education of their potential engineers for prospective employment.
- 2) To assist companies in leveraging students for specific tasks they want completed through internships, while replacing these tasks with cost-effective senior projects, allowing students to fulfill the same roles within the scope of senior design projects.
- 3) To help students experience real-world industry-sponsored projects, engage them in solving existing problems, familiarize them with all aspects of development with an industrial approach, and help them in hands-on learning.
- 4) To provide students with an opportunity to gain experience in a real work environment, access to more facilities, and help students familiarize themselves with potential employers in their areas of interest.

Types of senior design project proposals:

- 1) Projects for new development or improvement
- 2) Projects replacing internship
- 3) Projects for professional development
- 4) Other projects (e.g., design competition)

Department of Mechanical and Aerospace Engineering

Contact: Reza Rashidi, PhD

Associate Professor and Coordinator of Senior Design Sequence

rrashidi@buffalo.edu

(716) 645-6063

EMPLOYMENT OPPORTUNITIES

Employers can easily post jobs on the chapter website at <https://buffaloashrae.org/classifieds.php>. There is a small, one-time fee to post openings and the proceeds are provided to the chapter to assist in annual chapter expenses. Postings will be made available until the position is no longer available.

Mechanical Estimator

WMS Sales

https://buffaloashrae.org/classifieds.php?record_number=2

Mar. 15, 2024

WMS Sales is seeking a mechanical estimator to add to our team in Clarence. We're an established, local company offering a friendly and positive work environment, competitive salary, matching 401k, annual profit sharing, paid health insurance and even reduced summer hours! Experience desired but if you have none, we'll provide you with all the tools and training to have an enjoyable and successful career. Email us at careers@wmssales.com or call us at (716) 741-9575 or Bryan at (716) 432-5793.

Contact Information

Bryan Schaefer

bschaefer@wmssales.com

Design Engineer - HVAC

Stark Tech

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

Mar. 18, 2024

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

stuber@starktech.com

BUFFALO CHAPTER OFFICERS AND COMMITTEE CHAIRS

	Name	Company	Phone	Email
President	Thomas Marone	BJ Muirhead Co.	631-599-3971	tmarone@bjmuirhead.com
President-Elect	Nicole Smith	Cannon Design	716-774-3256	nsmith@cannondesign.com
Vice President	Stacia Valik	Stark Tech Group	716-693-4490	valiks@starktech.com
Secretary	Elizabeth Hagerty	Cannon Design	716-774-3381	ehagerty@cannondesign.com
Treasurer	Dan Arnold	JW Swanson	716-877-6900	darnold@jwswanson.com
Board of Governors	Connor Brown	JW Danforth	716-832-1940	cbrown@jwdanforth.com
Board of Governors	Kelsee Diem	Stark Tech Group	716-693-4490	diemk@starktech.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	Carl Schultz	Cannon Design	716-697-8290	carlschultz8@gmail.com
Historian	Rick Robinson	Retired	716-983-6292	krjr49@outlook.com
Scholarships	Russ Stuber Drew Nowak Dave Nowak	Retired Custom Sheet Metal JW Danforth	716-693-4490 716-614-7473 716-832-1940	russstuber@gmail.com anowak@mollenbergbetz.com dnowak@jwdanforth.com
Awards	Rick Robinson Russ Stuber	Retired Retired	716-983-6292 716-693-4490	krjr49@outlook.com stuberj@usservicesinc.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	Carl Schultz	Cannon Design	716-697-8290	carlschultz8@gmail.com
Research Promotion	Jake Muller	Stark Tech Equipment	716-204-8673	mullerj@starktech.com
Young Engineers	Kirk Feeney	Trane Commercial Systems	716-449-9250	kirk.feeney@trane.com
Student Activities	Joshua Mee	IPD Engineering	716-431-5719	jmee@ipdengineering.com
Tech Transfer				
Webmaster	Thomas Marone	BJ Muirhead Co.	631-599-3971	tmarone@bjmuirhead.com
CRC Delegate	Thomas Marone	BJ Muirhead Co.	631-599-3971	tmarone@bjmuirhead.com
CRC Alternate	Nicole Smith	Cannon Design	716-774-3256	nsmith@cannondesign.com
Grassroots Government Advocacy				
Sustainability	Krista Wayne	Cannon Design	716-774-3459	kwayne@cannondesign.com

If you are interested in volunteering for an open committee position please reach out the Chapter President: Tom Marone

BOARD OF GOVERNORS MEETING MINUTES

When: Thursday January 25, 2024 @ 5:00 PM

Attendees: Tom Marone
Nicole Smith
Eben Piazza
Elizabeth Hagerty
Joshua Mee
Rick Robinson

1. President:
 - a. An increase in dues will take effect soon.
 - b. Reminder about Super Bowl squares
 - c. Official visit with Eric Fontaine (of Connecticut Chapter / Regional Research Promotion Committee / Regional Vice Chair) upcoming, awaiting more details before planning.
2. President Elect:
 - a. Planning remaining monthly meetings, hoping to host one at Buffalo History Museum
 - b. Planning golf outing next.
 - c. Open positions to fill for next year: Student Chair, Treasurer, Research Promotion
3. Membership:
 - a. No update.
4. Treasurer Report:
 - a. In good standing.
5. Student Activities:
 - a. Upcoming K-12 event planned by Kelsee Diem.
 - b. Working on getting UB invited to one of our remaining meetings, Nicole to help select which one makes the most sense to invite them to.
6. YEA:
 - a. Next Event will be end of February.
7. Research and Promotion:
 - a. No report.
8. Newsletter:
 - a. Joshua Mee will be taking over relaunching the newsletter.
 - b. Rick to share the past historical content for inclusion in future newsletters.
9. Community Engagement:
 - a. The Foundry suggested as potential location for community project, Eben to make introductions.
10. Golf Outing:
11. Next Meeting: April 11, 2024, at 5:00 PM.