

October Newsletter



A Message from Our President

As we embark on another exciting year, I am thrilled to reflect on our recent activities and express my gratitude for the incredible support we have received from our community. We kicked off the year with a sunshine-filled Sponsor and Volunteer Appreciation Event at Tappo, where we gathered to celebrate those who went above and beyond during the last ASHRAE year. The turnout was fantastic. Given the success of this event, I am pleased to announce that we will be hosting it again next year.

The dedication of our volunteers and the financial support from our sponsors are the essence of our chapter. Without your commitment, we would not be able to host the events that enrich our community and foster professional growth. More importantly, your contributions have enabled us to achieve "High Five" status with nationals, successfully reaching our research and promotion annual goals. This accomplishment is a testament to our collective efforts and the strength of our chapter.

As many of you know, our chapter is tasked with donating approximately \$10,000 each year to nationals. This funding is crucial as it supports the research that establishes the standards we abide by to design and construct buildings. I want to double down on my gratitude to our sponsors, whose generosity makes this annual donation possible. Your support not only sustains our chapter but also contributes to the advancement of our industry as a whole.

Less than a week after our appreciation event, we held our first monthly meeting at Hutch's, which was a resounding success. Our speaker, Gregg Schmelig captivated us with his knowledge and wit, making for an engaging and informative session. As always, Hutch's provided an excellent venue, and it appears that we have found a wonderful home for our first monthly meeting moving forward. Thank you to our sponsors RF Peck and M/E Engineering.

Our next monthly meeting is scheduled for Tuesday, October 15 at Big Ditch, focusing on the fundamentals of steam systems, sponsored by BJ Muirhead. This event will cover vertical flooding design, the impact of steam systems on reducing installation and maintenance costs, minimizing footprint, and enhancing energy efficiency. Participants will walk away thinking of steamification as a viable alternative, highlighting the numerous benefits of utilizing steam energy in various applications. The meeting will be presented by Patrick Lach, a passionate educator. Attendees will earn 1 PDH credit for their participation.

Looking ahead, we are excited to announce an upcoming community engagement event taking place towards the end of October. This event aims to get boots on the ground and have an in-person volunteer event for all those interested. Further details will be shared soon, so stay tuned for more information.

In this newsletter, we are also thrilled to introduce an exciting new section dedicated to Women in ASHRAE (WIA). This initiative aims to support and empower women in the HVAC&R industry, providing resources, networking opportunities, and mentorship. We encourage everyone to engage with this important program.

Thank you once again for your unwavering support and dedication to our chapter. Together, we are making a significant impact in our field, and I am excited to see what we will accomplish in the coming year.

Nicole Smith
President – ASHRAE Buffalo Chapter



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Website:

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

Socials:



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:

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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 and address to:
ATTN: 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 job openings. Proceeds are provided to the chapter to assist in annual chapter expenses.



LinkedIn

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:

- Mr. Nathan Croscut-Miller; Azar Design Co.
- Ms. Henna Tangri; Honeywell
- Mr. Jason Sammarco; University at Buffalo

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

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



You're invited:

What: CannonDesign's Annual Environmental Awareness Tradeshow
Where: CannonDesign's Buffalo Office located at 50 Fountain Plaza, Suite 200, Buffalo, NY
When: Wednesday, October 16th from 4:00 to 5:30pm.
Why: An annual Environmental Awareness event has been presented by CannonDesign since 2003. As part of the commitment to achieving deep-green buildings, Environmental Awareness is an annual celebration of smart ideas, innovative technologies and influential thinkers that help guide our progress toward becoming a regenerative practice.
Why Else: Several manufacturers that are leading in sustainability areas including efficiency, material health, embodied carbon, and more will be present.
Lastly: Food and drinks will be served!
 Please RSVP to Krista Wayne kwayne@cannondesign.com, and hope to see you there!



**Women's Leadership Initiative Presents:
A Fall Fireside Chat with
Lois Gibbs**

Thursday, November 14, 2024
6:00pm to 7:30pm

Hayes Hall at the University at Buffalo, Room 403
250 Hayes Road, Buffalo, NY 14214

In the late 1970s, Lois Gibbs, with no prior activism experience, fought for the evacuation and cleanup of her community after discovering that her Niagara Falls neighborhood sat upon chemical waste - now known as the Love Canal. Her work during the Love Canal crisis brought national attention to toxic waste issues, efforts that were pivotal in shaping environmental activism and policy.

Gibbs is now an accomplished speaker, published author, and winner of many awards including the 1990 Goldman Environmental Prize, the Fifth Annual Heinz Award in the Environment, the John Gardner Leadership Award from the Independent Sector, the 2007 Business Ethics Network Individual Achievement Award for Outstanding Contribution to Corporate Ethics, and the 2008 Green Corps Environmental Leadership Award. Gibbs was nominated for a Nobel Peace Prize in 2003. This event will focus and reflect on her grassroots activism, environmental policy and the ongoing battle for a cleaner, safer environment.



SEPTEMBER CHAPTER MEETING RECAP

EXTREME EVENT ENGINEERING – UNDERSTANDING IBC SEISMIC/WIND RESTRAINT REQUIREMENTS AND RISKS

presented by: Vibro-Acoustics



Thank you to our Sponsors:

Dinner Sponsor: 

Bar Sponsor: 

The ASHRAE year kicked off on September 24th with our first monthly chapter meeting. The meeting focused on engineering practices for extreme weather events. Nearly 40 attendees were educated on topics such as the evolution of the building code, defining seismic and seismic criteria, wind and anchorage design and restraint, and scheduling vibration isolators. Many thanks for Greg Schmelig from Vibro-Acoustic for presenting to our group and to RF Peck for arranging Greg's presentation.


Thank you to our Speaker:

Greg Schmelig – Vibro-Acoustic Regional Sales Manager



1 PDH Credit!

UPCOMING CHAPTER MEETING

Date	Location	Topic and Speaker	Event Sponsor	Cost*
October 15, 2024 12:00 p.m. – 1:00 p.m.	Big Ditch 55 E. Huron St. Buffalo, NY 14203	Patrick Lach: Maxi-Therm Inc. Technology of Vertical Flood Heat Exchangers - How They Can Utilize Both Sensible and Latent Heat	 B. J. MUIRHEAD CO., INC.	Member: \$35.00 Non-member: \$40.00 Student: \$20.00

* Tickets purchased less than 24 hours prior to the event and at the door we will be assessed a \$10 late fee. Please RSVP prior to the 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 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	80
Chapter Technology Transfer	1500	550	600
Communications	700	300	30
Government Affairs	1250	500	0
Historical	500	100	129
Membership Promotion	1600	1000	600
Research and Promotion	1050	800	0
Student Activities	800	500	0
Young Engineers in ASHRAE	900	300	725

* Point summary current as of 10/11/24.



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 18, 2025 5:00 – 7:00 PM	Induction Displacement in Classrooms and Chilled Beams in the Corridors Tour and Meeting at Cayuga Heights Elementary School
October 15, 2024 12:00 – 1:00 PM	Technology of Vertical Flood Heat Exchangers - How They Can Utilize Both Sensible and Latent Heat presented by Patrick Lach, VP Sales & Business Development at Maxi-Therm Inc.	March 11, 2025 12:00 – 1:00 PM	Distinguished Lecturer: Defining and Assessing Resilience More Details to Follow
November 12, 2024 12:00 – 1:00 PM	ASHRAE Standard 241 More Details to Follow	April **tentative**	More Details to Follow
December 5, 2024 **tentative**	Annual Holiday Party More Details to Follow	May **tentative**	Trade Show, Tour, and Panel Presentation at the Buffalo History Museum More Details to Follow
January 14, 2025 12:00 – 1:00 PM	Geothermal and Hybrid System Application More Details to Follow	June	Annual Golf Outing More Details to Follow



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.

THANK YOU TO OUR GENEROUS SPONSORS



2023-2024 Sponsor Event

The Chapter held a first of its kind Sponsor Event on Friday September 20 at the rooftop bar at Tappo. Guests were treated to food and drinks on ASHRAE as a thank you for the sponsorships made during the 2023-24 ASHRAE calendar year. Firms including: Trane, RF Peck, JW Swanson, H&V Sales, Guckian, Modular Comfort, Stark, Victaulic, ME Engineering, Buffalo Engineering, EBS, IPD Engineering, DV Brown, IBC Engineering, Laars, and Cannon Design were among those who sponsored an event last year and we appreciate the generosity! Please continue your support this year. Any firm wishing to participate in our sponsorship program this year can reach out to Nicole Smith for more information.





A LESSON IN HISTORY

RECOGNIZE THIS MAN? YOU REALLY SHOULD!

I had always heard that Buffalo Forge Co. parted ways with Willis Carrier because they didn't think A/C would succeed. Not quite. In looking for the answer I came across the famous "Blue Book" on the Father of Air Conditioning and here's what I found.

Willis Carrier was born (1876) and raised in Angola, NY. In 1901, Buffalo Forge hired young Carrier fresh out of Cornell University. In 1902 he rewrote the catalog on Heating Apparatus and while doing so improved the design and operation of the machines.

In 1903 he had his well known '*Flash of Genius*' on a foggy train platform in Pittsburgh which, when fully developed, gave us the ability for air to be fully conditioned with water spray. His manufactured 'fog' gave him all four parts of Air Conditioning – Control of Humidity, Air Circulation and Ventilation, Cleaning of the Air and now added Cooling and Heating of Air i.e. control of temperature, all in one spray unit. To thus be able to control dew point allowed engineers to *match* any required conditions.

He controlled the humidity by passing air through water droplets. Though it seems wrong he lowered the temperature of air with a cool spray mist. The water droplets were the condensing surface. Heating just required warm water. All he needed to add were downstream eliminators. This spray-type air conditioner became his 'Apparatus for Treating Air' - one of 80 patents he eventually held.

He was too busy to fully develop it at the time as he had to design and install the 'First Air Conditioner' for a printer, Sackett-Wilhelms, in Brooklyn, NY – in 1903. Here he used water coils to achieve the Temperature / Humidity control.

By 1907 Buffalo Forge formed the Carrier Air Conditioning subsidiary which did quite well introducing industrial cooling to the Printing, Paper Mill, Textile, Steel, Chemical and Rubber industries and a little comfort work, too.

During this time Mr. Carrier came up with a paper on 'Rational Psychrometric Formulae' otherwise known as the Magna Carta of Psychrometrics. He presented his paper to ASME at their annual meeting in December of 1911. This gave us the very well known and regularly used Psychrometric Chart. This was the tool to *design* to any condition.

However, the outbreak of World War I came along and caused many industries to actually sell out or retrench. Buffalo Forge, a manufacturing firm, felt that the Air Conditioning design and installation was risky and so decided to go back to its core business and close the Carrier Air Conditioning Co. Hence, it was World War I that caused the split, as well. But the story goes on.

Carrier and his friend and colleague Irvine Lyle, along with their engineering staff, decided in turn to start Carrier Engineering Company which was chartered on July 1, 1915. Interestingly, the new company still contracted with Buffalo Forge for manufacture of their needed equipment. So, the bond wasn't entirely broken, yet.





Welcome all to our newest initiative for our Buffalo ASHRAE chapter. Lizzie Hagerty and I will be running the WIA Buffalo group. Our intention for this is to have a safe and welcoming space for women to come together to swap stories (because we all have them) and be there for each other. As a woman in the industry, I have had my fair share of discrimination- from people underestimating my intelligence to sexual harassment. I know the narrative lately is that its 2024 and things are “better” which yes, they are; but there are still inequalities between the sexes. So, we can, we will, and we must do better.

Lizzie and I just attended the first annual Women in ASHRAE Leadership Symposium in Chicago. Where we met and learned from women from around the world in our industry. All their stories made us feel not alone, not siloed and most importantly united. I would love to see more women from the Buffalo ASHRAE chapter attend that conference next year. Let’s talk to our employers now so they can budget for sending us next year.

As this is a new initiative, Lizzie and I have a few events and ideas for how to get this started, but we want to hear from others about any additional ideas. We would like to start by having a book club, that is centered around books that bring attention to what is like to be a woman in a male dominated world. We are open to suggestions on how to have the book club. Would you rather have one meeting per book for discussion or all the books together at one meeting later in the year? The books are listed below. Even if you cannot make the book club meeting(s) I would still highly recommend reading the three books shown to the side.

We would like to personally invite ALL women of the industry to join us not just the engineers. We would love admin support, marketing, office managers, graphics, etc.

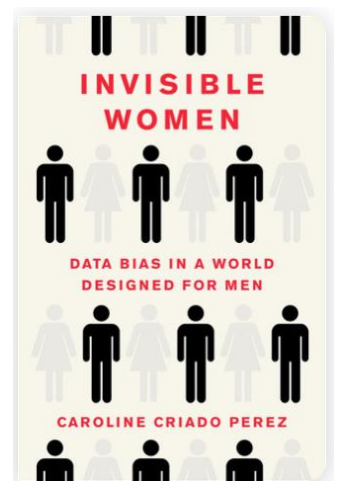
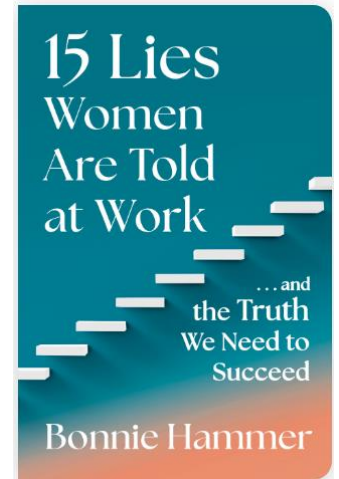
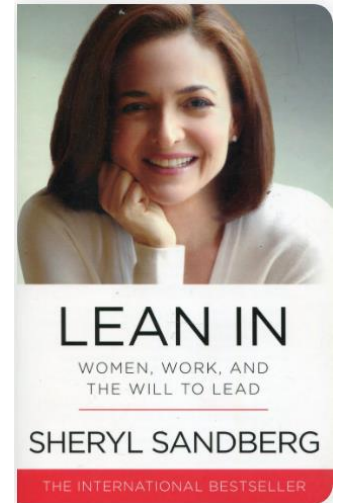
We would also like to invite the men to participate at all our WIA events. As advocates, mentors and allies we need you to understand our perspective to help us guide and strive for change.

Keep a look out for all the WIA upcoming this year!

I will leave you with my favorite quote “Be the change you wish to see in the world” – Mahatma Gandhi

Respectfully,

Nicole R Smith





Employment Opportunities

Mechanical Engineer

Trautman Associates

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

May 28, 2024

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



ASHRAE PROFESSIONAL CERTIFICATIONS

Click each badge to learn more about the benefits of each ASHRAE professional certification



Building Commissioning Professional (BCxP) Certification

ASHRAE's BCxP certification program validates competency to lead, plan, coordinate and manage a commissioning team to implement commissioning processes in new and existing buildings.



Building Energy Assessment Professional (BEAP) Certification

The BEAP certification, an ANSI-Accredited Personnel Certification Program under ISO/IEC 17024 (#1139), validates competency to assess building systems and site conditions; analyze and evaluate equipment and energy usage; and recommend strategies to optimize building resource utilization.



Building Energy Modeling Professional (BEMP) Certification

The BEMP certification, an ANSI-Accredited Personnel Certification Program under ISO/IEC 17024 (#1139), validates competency to model new and existing building and systems with the full range of physics; and evaluate, select, use, calibrate and interpret the results of energy modeling software where applied to building and systems energy performance and economics.



Certified HVAC Designer (CHD) Certification

The CHD certification, managed under ISO/IEC 17024 requirements for ANSI-Accredited Personnel Certification Programs, validates competency to design HVAC systems to meet building/project requirements, including equipment, equipment sizing, load calculations, mechanical equipment room design, duct and piping design and layout, and develop HVAC plans for permit and construction.



Certified Decarbonization Professional (CDP) Certification

The CDP certification program validates competency of the decarbonization professional to do the following: Assess, analyze, and develop effective and sustainable strategies that reduce/eliminate the life-cycle carbon footprint of new and existing buildings.



High-Performance Building Design Professional (HBDP) Certification

The HBDP certification, an ANSI-Accredited Personnel Certification Program under ISO/IEC 17024 (#1139), validates competency to design and integrate sustainable HVAC&R systems into high performing buildings.



Healthcare Facility Design Professional (HFDP) Certification

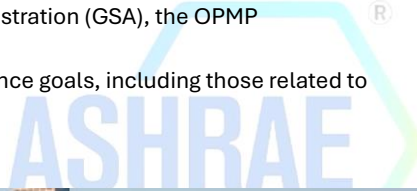
The HFDP certification validates competency to incorporate standards and guidelines as well as unique healthcare facility requirements and design principles in HVAC system design.



Operations and Performance Management Professional (OPMP) Certification

Developed with the participation of APPA and the General Services Administration (GSA), the OPMP certification validates competency to do the following:

Manage facility operations and maintenance to achieve building performance goals, including those related to indoor environmental quality, health and safety.



WHY GET CERTIFIED?

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@jwswanson.com
Treasurer	Eben Piazza	Emerson-Swan	716-290-1090	epiazza@emersonswan.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 Drew Nowak Dave Nowak	Retired Custom Sheetmetal JW Danforth	716-693-4490 716-614-7472 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	krrjr49@outlook.com 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	Nicole Smith	Cannon Design	716-774-3256	nsmith@cannondesign.com
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 Elizabeth Hagerty	Cannon Design	716-774-3256 716-774-3381	nsmith@cannondesign.com ehagerty@cannondesign.com
Diversity, Equity and Inclusion	Nicole Smith	Cannon Design	716-774-3256	nsmith@cannondesign.com

BOARD OF GOVERNORS MEETING MINUTES

When: Wednesday October 9, 2024 @ 5:00 PM

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

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
- There are two videos linked in the POAE guide above that everyone on the board needs to watch – once you watch please let Nicole know
- Have a combined event with Toronto or Mumbai
- When we have a first time attendee at a meeting all exec board members who are present should meet and greet new member
- Track who attends the society level meetings

b. Monthly Topics:

- Review bank account audit
- Goals for cost savings this year:
 - Canceled gmail account – save \$199 a year.
 - Increase annual golf outing ticket prices.
 - Add a second large indoor golf event.
 - Have 50/50s at all monthly meetings.
 - Sponsors for website.
 - Shop venues for Holiday party.
 - Add trade show to history museum event.
 - All monthly meetings besides the first and last of the year to be located at Big Ditch.

2. President Elect (CTTC):

a. Yearly Goals:

- Make sure the monthly meetings are cost effective for ASHRAE to help turn a profit.
- Increase annual attendance at meetings by least 10%.

b. Monthly Topics:

3. Vice-President:

a. Yearly Goals:

- Create a schedule for all posts and email correspondence so we have consistent messaging.
- Earn at least 150 PAOE points through the social meeting posting options.
- Plan a cheaper holiday party.

b. Monthly Topics:

4. Secretary:

a. Yearly Goals:

- Create notes from BOG monthly meetings.
- Document what each exec board member's responsibilities are.

b. Monthly Topics:

5. Treasurer:
 - a. Yearly Goals:
 - Spend less money and raise more money.
 - Get bank account back to level of comfort.
 - b. Monthly Topics:
6. Historian:
 - a. Yearly Goals:
 - Identify and document greatly influential DEI person.
 - Digitizing complete chapter historical archives.
 - Chair or Co-chair serves 2 or more years.
 - Member of a committee other than chair.
 - 5 year history of chapter/person/system standard.
 - Historical display of CRC.
 - Chapter timeline.
 - History program with minimum 5 minute speaker.
 - Interview fellow or life member (once/5 years).
 - Personally inviting life member to a meeting.
 - Articles on chap, co, mbr (+5 pts ea special pubs).
 - b. Monthly Topics:
7. Scholarships:
 - a. Yearly Goals:
 - Make sure that the scholarship is well advertised.
 - Have a new recipient for the scholarship this year.
 - Grow the account the same amount that we give away each year so that it can be a continuous gift to the community.
 - b. Monthly Topics:
8. Awards:
 - a. Yearly Goals:
 - Verify who qualifies for awards, gather information needed to fill out the application and give out as many awards as possible for our chapter's members this year.
 - b. Monthly Topics:
9. Membership:
 - a. Yearly Goals:
 - Membership get to 210 members.
 - Host a membership appreciation event.
 - Look into when our membership amount ticks into being more expensive.
 - b. Monthly Topics:
10. Newsletter:
 - a. Yearly Goals:
 - Issue minimum of 9 newsletters, each newsletter in advance of the monthly meeting.
 - Increase newsletter sponsors (zero last year).
 - b. Monthly Topics:
 - Information still needed for October newsletter: President's address, additional information on the CTT schedule (currently only have details on meetings through October), History Article, BOG minutes (after meeting). Targeting distribution Friday 10/11 so its out no more than weeks after the last monthly meeting.
 - Discuss some additions to the newsletter (such as a member or project spotlight) and should we be advertising ASHRAE certifications?
 - Discuss reducing sponsorship fee. Twin Tiers charges \$50 for the year, we're asking \$100 for the year.
 - Anyone have anything interesting or upcoming events that should be advertised to membership?

11. Refrigeration:

a. Yearly Goals:

- Take the chapter on a visit to a local building with a refrigeration system in order to obtain points under CT27. This will be a minimum 30 minute walkthrough with presentation from equipment rep or manufacturer in the mechanical equipment room. Currently looking at Key Bank Center.

b. Monthly Topics:

12. Research and Promotion:

a. Yearly Goals:

- Make high five status.
- Sell all the squares for the Superbowl squares and adjust payouts to be more profitable for ASHRAE.
- Figure out a second way to raise money for research and promotion.

b. Monthly Topics:

13. YEA:

a. Yearly Goals:

- Host two YEA events one in the fall and one in the spring. Fall event will be a volunteer day. Spring event will be a tour of the new Bills stadium for 10 YEA members.
- Work with SA to host events at local k-12 schools, trade schools and universities to educate about our industry.

b. Monthly Topics:

14. Student Activities:

a. Yearly Goals:

- Engineering / contractor firm Intern student networking event.
 - Q/A, discussion and coaching next generation.
 - Exposure to different people and roles within our local industry.
- Grow presence and involvement at UB student chapter in local activities .
 - Meet with SBA, look into design competition for Spring.
 - Find out who is currently teaching energy systems / heat transfer / fluid mechanics / thermo.
 - Present to these students about what ASHRAE is and general local industry opportunities and career paths and how ASHRAE can be a great organization to be involved with.
 - Track PAOE points and plan activities to reach par for student activities PAOE points.

b. Monthly Topics:

15. Webmaster:

a. Yearly Goals:

- Work to get sponsors for the website.
- Update the website for the year to have the correct people in their positions.

b. Monthly Topics:

16. Grassroots and Advocacy:

a. Yearly Goals:

- Have our Engineering community get involved with writing grants for local projects.
- Increase chapter literacy regarding local, state, and federal tax incentives for both Designers and Building owners.

b. Monthly Topics:

17. Sustainability:

a. Yearly Goals:

- Create a sustainability committee before December 2024 (CO5 – create a committee).
- One sustainability focused lunch and learn (CO5 –hold 2 events, this could count as 1 of those events). Second half of AHSRAE year.
- Invite ASHRAE to Cannon’s EA Tradeshow to count as a sustainability event for the chapter (CO5 –hold 2 events, this could count as 1 of those events). Oct 16th 2024.
- Help create a sustainability focused trade show at the May meeting.

b. Monthly Topics:

18. WIA:

a. Yearly Goals:

- Host events where women and advocates (those who don't identify as a female) can attend to have a safe space to discuss what it is like to be a female in a male dominated world.
- Host multiple volunteer events to support women in our community.
- Create a book club that will read books about the struggles that women encounter in the workplace.
- Make sure it is well known that this group is open to ALL females and advocates within the built industry this includes administrative staff.

b. Monthly Topics:

19. DEI:

a. Yearly Goals:

- Create a local chapter that feels inclusive to everyone.
- Visit local schools of all ages to promote our industry.
- Have a 5-minute presentation for DE&I at a minimum of one monthly meeting.
- Host multiple community engagement events throughout the year.

b. Monthly Topics:

20. Next Meeting: November 6, 2024.