



# Chicago ASPENEWS



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Chicago Regional Chapter of the American Society of Plumbing Engineers  
Vol. 55, No. 7

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March 2024



## 2024 PHCC & ASPE CHICAGO CHAPTER EXPO

Friday, March 22, 2024

9:00 AM - 2:00 PM - TECH SESSIONS

12:00 - 5:00 PM - PRODUCT SHOW

*Join us!*

**Drury Lane Conference Center**

100 Drury Lane, Oakbrook Terrace, Illinois 60181

**\* over \$2,000 in prize giveaways during the show \***

**\* Free Breakfast \***

**\* Free Dinner following the Expo \***

**\* Technical sessions with CEU's available \***

*Prizes!*

Use the link or QR Code below to sign up.

ASPE CHICAGO CHAPTER  
EXPO REGISTRATION





## 2024 PHCC & ASPE CHICAGO CHAPTER EXPO

Friday, March 22, 2024

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*Join us!*

**C H I C A G O**

## CEU TECHNICAL SESSIONS

**9:00 A.M. - 10:00 A.M. | WATER MANAGEMENT AND WATERBORN BACTERIAL CONTROL**

Presenters: Frank Sanchez, CPD, GPD, ASSE 6060, of Syska Hennessy Group  
and Libby Ashworth of Garrett-Callahan

**10:20 A.M. - 11:20 A.M. | PLUMBING DESIGN 101 PART 1**

Presenter: George Swietczak, CPD, Illinois Plumbing Inspector

**11:50 A.M. - 12:50 P.M. | PLUMBING DESIGN 101 PART 2**

Presenter: George Swietczak, CPD, Illinois Plumbing Inspector

**1:05 P.M. - 2:05 P.M. | MEDICAL GAS DESIGN IN THE PATIENT ROOM & OPERATING ROOM**

Presenter: Josh Pedraja, ASSE 6060, of Pattons Medical

Use QR Code or link below to sign up.

ASPE CHICAGO CHAPTER  
EXPO REGISTRATION



## Drury Lane Conference Center

100 Drury Lane, Oakbrook Terrace, Illinois 60181





# Chicago ASPENews



## 2023-2024 ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
Thursday, September 21, 2023	<b>Presentation: 13 Pitfalls of Heat Pump Water Heaters</b> Speaker: Robert Svidron  <b>Mfr Spotlight: Intellihot Tankless Water Heaters</b> Speaker: Robert Svidron	0.1	Church Street Brewing 1480 Industrial Dr, Unit C, Itasca, IL 60143
September 28 - October 1, 2023	<b>ASPE Technical Symposium</b>  <b>CLICK TO REGISTER: <a href="https://www.aspe.org/2023-tech-symposium/">https://www.aspe.org/2023-tech-symposium/</a></b>		Bellevue, WA
Thursday, October 19, 2023	<b>Presentation: Smart Restrooms for Smart Cities</b> Speaker: Gordon Tai - TOTO  <b>Mfr Spotlight: TOTO Eco Products</b> Speaker: Gordon Tai - TOTO	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd. Schaumburg, IL 60173
Thursday, November 16, 2023	<b>Presentation: Commercial Heat Pump Water Heaters</b> Speaker: John Brody - LAARS  <b>Mfr Spotlight: LAARS commercial solutions</b> Speaker: John Brody - LAARS	0.1	Noon Whistle Brewing Co 800 E Roosevelt Road Lombard, IL 60148
Thursday, December 07, 2023	<b>Presentation: Mixing and Balancing Valve Selection Considerations: What Are the Key Criteria?</b>  Speaker: Kevin Freidt - Caleffi Hydronic Solutions	0.1	<a href="#">Virtual Meeting</a> 12:00 pm to 1:00 pm
Thursday, December 14, 2023	<b>Booster Night Holiday Party &amp; Casino Night</b>	N/A	Noon Whistle Brewing Co 800 E Roosevelt Road Lombard, IL 60148
Thursday, January 18, 2024	<b>Presentation: CPVC Piping Systems for Plumbing Applications</b> Speaker: Edwin Gonzalez, CPD, GPD, ASSE 12080 - GF Piping Systems  <b>Mfr Spotlight: Hycleen Automation System for Centrally Controlled DHW Balancing</b> Speaker: Edwin Gonzalez, CPD, GPD, ASSE 12080 - GF Piping Systems	0.1	Venuti's 2251 W. Lake Street Addison, IL 60101
Thursday, February 01, 2024	<b>Presentation: The Importance of Backflow</b> Speaker: Ryan Moore - MIFAB	0.1	<a href="#">Virtual Meeting</a> 12:00 pm to 1:00 pm
Thursday, February 15, 2024	<b>Presentation: This Drain Sucks: Understanding Siphonic Roof Drains and Why Traditional Gravity Drains Fail</b> Speaker: Brennan Doherty - MIFAB  <b>Mfr Spotlight: Siphonic Drainage</b> Speaker: Brennan Doherty - MIFAB	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd. Schaumburg, IL 60173
Friday, March 22, 2024	<b>ASPE Chicago Chapter EXPO and Technical Seminars Co-located with ILPHCC EXPO</b>	0.4	Drury Lane Conference Center, 100 Drury Lane, Oakbrook Terrace, Illinois, 60181
Thursday, April 18, 2024	<b>Presentation: New Innovation in Med Gas Piping</b> Speaker: Mathis Carlson - MediTrac  <b>Mfr Spotlight: Omega Flex Piping Systems</b> Speaker: David Strick - Omega Flex, Inc.	0.1	Noon Whistle Brewing Co 800 E Roosevelt Road Lombard, IL 60148
Thursday, May 16, 2024	<b>Presentation: Plumbing Installation Demonstrations</b> Speaker: Frank Borkowski  <b>No Manufacturer Spotlight - Extended Demonstration Time</b>	0.125	Plumbers Local 130 Training Center 1400 W Washington Blvd Chicago, IL 60607
Friday, June 14, 2024	<b>Stephen Triphahn Memorial ASPE Chicago Golf Outing</b>	N/A	Makray Memorial Golf Club 1010 S. Northwest Hwy. Barrington, IL 60010

If you would like to present any of these topics or become a meeting sponsor, please contact Justin Wroblewski at [aspe.chicago.vptech@gmail.com](mailto:aspe.chicago.vptech@gmail.com).



## **PRESIDENT'S MESSAGE**

Greetings ASPE Chicago! Welcome to spring and one of my favorite months of the year, March! March Madness (Rock Chalk Jayhawk!), St. Patty's Day, spring sports start kicking it into gear for all the fellow parents out there, and time to get back out chasing balls on the golf course!

Thank you to everyone that joined us for our February meeting at Westwood Tavern & Tap in Schaumburg where we got to hear our good friend Brennan Doherty from MIFAB talk about siphonic roof drainage. Thank you to MIFAB for not only sponsoring our cocktail hour last month, but also for participating in the Manufacturer Spotlight.

We also got to hear from a special guest, Stacey Hartman from Feed My Starving Children, who came to rally support for our World Plumbing Day event on March 8th. Her talk resulted in one anonymous member donating \$2,255 to purchase an entire pallet of food. That pallet will feed 21 children for an entire year! The 50/50 Enhanced Raffle also generated \$255 to go towards the cause!

THANK YOU to everyone who volunteered their valuable time and/or donated to the Feed My Starving Children cause! We surpassed our numbers last year (42) with 52 volunteers on-hand (55 registered) to pack 39,096 meals on March 8th! Thanks to your support, we were able to raise \$5,000, which is enough money to feed 47 children for a year! That \$5,000 donation was matched by a group of five (5) families in Schaumburg in addition to a \$20 bonus from the Kindly App, resulting in a total donation amount of \$10,020, feeding 94 children for a year! The generosity of this Chapter is AMAZING! Looking forward to seeing if we can continue to grow this great event in 2025!



## **ILPHCC / ASPE Chicago EXPO**

The co-located ILPHCC / ASPE Chicago EXPO is coming up quick on March 22, 2024, at the Drury Lane Conference Center in Oakbrook Terrace. A FREE Breakfast and FREE after-EXPO dinner and prize reception is available to all attendees! ASPE will be giving out over \$2,000 worth of prizes during the show, please be sure to stop by the ASPE Booth (Booth 2) to drop in your entry! Please see the enclosed flyer and Justin Wroblewski's article for more information!

If you're an Affiliate Member who has not registered for a booth for the show and would like to participate, all booth registrations are handled directly through the ILPHCC website, [www.ilphcc.com/expo](http://www.ilphcc.com/expo).

We do not receive any of the booth revenue from ILPHCC, but we do have expenses to cover for us to participate in this event, therefore, we are asking our Affiliates to please consider pledging \$250/booth (max \$750) to show your support for the ASPE Chicago Chapter. Any pledges will be recognized in a variety of ways. [CLICK HERE](#) for more information

Continued on Page 5

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<http://chicago.aspe.org/>

### **FOLLOW US ON:**





## **PRESIDENT'S MESSAGE, CONTINUED...**

### **CPD Exam and Review Class Registrations - LAST CALL**

The 2024 Certified in Plumbing Design (CPD) Exam Registration is officially OPEN! The exam dates will be April 15-26, 2024, with a registration deadline of April 1, 2024. [CLICK FOR MORE INFO.](#)



CPD Exam Review classes available:

- ASPE Virtual CPD Review Course [CLICK FOR MORE INFO](#)
  - March 12, 14, 19, 21, 26 & 28, 5-7pm CST (2-hours / day over 6 days)
  - \$300 Member / \$500 Non-Member
  - Instructor Michael Danielson, CPD, GPD

### **Shooting the Breeze 🍷 with ASPE Chicago!**

Starting in April, on the **2nd** Friday of each month, we will be hosting a very casual, laid back, open conversation for about 30 minutes during the lunch hour. Topics could include REVIT, industry frustrations, design strategies, anything industry related. What do you want to talk about? Send us any ideas you may have! The point of this is to have fun and generate some good conversation, we might even give out a fun little prize each month! Stay tuned for more information!

### **2024 Chicago River Day – MARK YOUR CALENDAR!**

On **Saturday, May 11th**, from 9am-Noon, the Chicago Chapter will be organizing a group to join thousands of others that are volunteering to give the Chicago and Calumet Rivers a good spring cleaning on Chicago River Day. Bring the family out if you would like! There will be an after party from 12-3pm hosted by Burning Bush Brewery where beverages and snacks will be provided! More information will be available in the coming weeks, but in the meantime, [CLICK HERE](#) to check out the FAQ page for Friends of the Chicago River.



### **2024 ASPE Convention & EXPO – CALLING for Delegates**

Are you interested in attending the Convention October 18-23rd? ASPE Chicago will be offering several all-expense paid free trips this year. The Chicago Chapter will have at least 9 delegates and 2 alternate delegates this year, several of which will be filled by the Chapter Board, but we will have a few extras that will need to be filled. If you're interested in attending as a Chapter Delegate, please send a brief write up to the Chicago Chapter Board, telling us why you would like to go, what you hope to learn from the event, and what you are looking to learn as a Chapter Delegate. We will be collecting submissions until the end of June. Please send all submissions to [ASPE.Chicago.President@gmail.com](mailto:ASPE.Chicago.President@gmail.com).



### **ASPE Chicago gets Social!**

Did you know that ASPE Chicago is also available via social media? Be sure to tag ASPE Chicago in your posts to help generate more views using the following social media accounts:



While you are connecting to ASPE Chicago, please also follow ASPE National here:



Hope to see you at the ILPHCC/ASPE Chicago EXPO!!

**Chris Rohan, CPD**  
Chicago Chapter President  
[aspe.chicago.president@gmail.com](mailto:aspe.chicago.president@gmail.com)



## WHAT IS ASPE CHICAGO'S TDH?

ASPE Chicago's TDH Group is nearly 5 months old now. We have heard some questions lately asking, "what is TDH?" Is it the airing of grievances? Is it just a BS session? Is it a group of old men complaining?



Webster Dictionary defines..... just kidding. In the plumbing engineering world, TDH stands for Total Dynamic Head. When looking at a pump, TDH is the difference between the pump suction and discharge pressures. To make it simple,  $TDH = \text{net static head} + \text{friction head}$ .

Where our TDH group and pump TDH agree is that we both deal with heads and pressures. ASPE Chicago's TDH group is a place where those who might be struggling with something (e.g., stress, burnout, workload, etc.) can talk about it with others who just might be going through (or already went through) something similar. So far, we have talked about too much workload with not enough help, the rigors of business travel, the problems with others taking advantage of the fact that our cell phones are on 24/7 (blurring the lines between work and personal), and more.

### ASPE Chicago TDH:

- Open to ALL ASPE Chicago members.
- We have gatherings, NOT meetings.
- There are no agendas or ~~meeting~~ gathering minutes.
- We are here to support one another.
- Nothing personal leaves the group.
- We want to help all ASPE Chicago members be the best versions of themselves.

I have not made it a secret that I have been working on my own mental health for nearly a year and a half now. I've been doing therapy for nearly as long. In talking with friends, I have learned that there are others who have also been struggling. I will share that a lot of my issues stem from not enough (or no) boundaries. Some of you reading this might be struggling with professional boundaries – see cell phone comment above. Come join us and we can chat about it.

We thought that this group might offer an opportunity for those ASPE Chicago members who are dealing with burnout, too much work, boundary issues, and the like, to talk about it. It is not always easy to let ourselves appear vulnerable or to open up to anyone else about what is bugging us. Not only can we discuss work issues in TDH, but we can also talk about personal stresses. NOTHING personal leaves the group.

This is NOT a therapy group. We are here to support one another. We will leave therapy to the professionals. In fact, if you have been thinking about getting professional help, please check with your insurance carrier. Getting help with your mental health might not cost you a penny. The major insurance companies should all have portals or other avenues to help you get where you want to be.

United Healthcare - <https://www.uhc.com/member-resources/health-care-programs/mental-health-services>

Blue Cross Blue Shield of Illinois - <https://www.bcbsil.com/find-care/providers-in-your-network/behavioral-health>

Aetna - <https://www.aetna.com/individuals-families/mental-emotional-health.html>

Just a few insurance companies are listed above.

Our TDH gatherings so far have been held prior to cocktail hour at ASPE Chicago meetings. With our March meeting being the ASPE Chicago Chapter EXPO co-located with Illinois PHCC on March 22 at the Drury Lane in Oakbrook Terrace, we need another plan. We will get together for breakfast somewhere affordable near Drury Lane at 7am the day of the Show (March 22). I intend to be there by about 6:45am. We will expect to pay for our own breakfasts. If you plan to join us, RSVP is essential so that we are sure to get a big enough table and so we can let you know where to meet. Please **RSVP no later than March 21 at noon**. If you RSVP later, there is no guarantee there will be room for you. [Click here to RSVP](#).

For more on the ASPE Chicago Chapter EXPO, look through the rest of this newsletter and watch out for e-blasts.

Jason McDonald  
ASPE Chicago Past President  
[jmcdonald@grummanbutkus.com](mailto:jmcdonald@grummanbutkus.com); 847.316.9258

Women  
of ASPE™

## New In-Person Seminar!

Sponsored by



## Your Dynamic D.R.E.A.M.™ Roadmap

Friday, May 3, 2024 // 9 a.m. to 2 p.m. // Chicago

The Women of ASPE (WOA) invites all professionals to a half-day seminar where award-winning leadership development expert Candy Barone will help you understand how to focus your energy via her proprietary D.R.E.A.M.™ Framework.

### What Is Dream?

D = Desires  
R = Rocks  
E = Essentials  
A = Approach  
M = Milestones

The seminar will be held at ASPE's headquarters in Rosemont, Illinois, which is just a short Uber ride from Chicago's O'Hare Airport.

- » Where: 6400 Shafer Court, Rosemont, IL 60018
- » When: Friday, May 3, 2024 // 9 a.m. to 2 p.m. (includes a one-hour lunch break at noon)
- » Cost: \$100 (ASPE Member) // \$150 (nonmember)

Register at:

[education.aspe.org/products/your-dynamic-dream-roadmap](https://education.aspe.org/products/your-dynamic-dream-roadmap)



Presented by:

**Candy Barone**

CEO & Founder of You Empowered Strong



# WEDGE

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- Hands-free sensor options
- Sensor-activated bottle filler



1211SFH model shown



### SUSTAINABLE

- Energy saving 24-hour automatic shut-off feature when idle for extended periods of time
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- 100% lead-free waterways
- Enhanced tankless water cooler for consistently cooled water during use (Patent # US11203516B2)



### FUNCTIONAL

- Industry-leading bottle fill rate (1.5 gpm)
- Large clearances make filter replacement and maintenance painless
- Designed with retrofit and replacement advantages

- Self-leveling mounting system ensures flush alignment every time (Patent # US10934694B1)



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## **VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING**



Greetings ASPE Chicago Chapter Members. ASPE's Chicago Chapter invites industry professionals to its 2024 co-located EXPO with the ILPHCC on Friday, March 22, at the Drury Lane Conference Center, 100 Drury Lane, Oakbrook Terrace, Illinois 60181.

**The free technical education schedule will be as follows (0.1 CEU's available per hour-long seminar):**

**9–10am: Water Management and Waterborne Bacterial Control**, presented by Frank Sanchez, CPD, GPD, ASSE 6060 of Syska Hennessy Group and Libby Ashworth of Garratt-Callahan

**Course Description:** This session will help attendees evaluate a comprehensive water management program, identify individuals to participate in the water management program, and assist in conducting assessments, including hazard analyses, environmental risk assessments, and infection control risk assessments. Attendees will also be able to inform water monitoring practices guided by the management program, identify hazards in the domestic water system where opportunistic pathogens may grow, and discuss the owner infection control risk assessment related to direct and indirect exposure. The session will also review control and monitoring points and limits as defined by the CDC, as well as outbreak and response plans.

### **Frank Sanchez, CPD, GPD, ASSE 6060:**

Frank is an experienced Plumbing Engineer with close to 25 years of experience in the field. He is a Certified Plumbing Designer by ASPE. Frank has a background in architecture and oversees code compliance, design, and construction administration of diverse plumbing, medical gas, and fire suppression systems. He is a Senior Associate at Syska Hennessy Group in Chicago. As a member of multiple water management committees, Frank provides engineered solutions to prevent and remediate the spread of waterborne bacteria. Syska Hennessy Group is a leading global engineering firm that specializes in full-service MEP, information and communication technology, architectural lighting, vertical transportation, and commissioning. With more than 500 professionals across 20 offices, Syska provides a full range of engineering services for projects of every size and budget.



### **Libby Ashworth, Business Development Manager:**

Libby Ashworth is a member of Garratt-Callahan's Water Safety Group with a background in chemical engineering and environmental studies. Founded in 1904, Garratt-Callahan has become the largest privately owned water treatment company in the United States, providing value through expertise. Libby's work focuses on developing water safety and management plans and solving problems that arise within premise plumbing systems. Functions of her role include Legionella sampling and analysis, understanding stagnation and flow, and reducing the risk of waterborne pathogens. Other areas of expertise include sterile processing water quality/AAMI ST108, supplemental disinfection, filtration, corrosion and scale control, cooling tower maintenance, and the understanding and application of regulations, standards, and guidelines. Libby was recently added to ASPE's Legionella Task Group, which is working on updating the engineering methodologies for controlling Legionella ASPE document



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**10:20am–11:20am: Plumbing Design 101 Part 1**, presented by George Swietczak, CPD, Illinois Plumbing Inspector

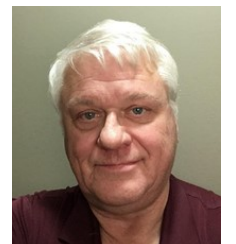
**Course Description:** This session will outline code requirements that govern materials, design, construction, and installation of plumbing waste and vent systems in the State of Illinois, including common mistakes and misunderstandings.

**11:50am-12:50pm: Plumbing Design 101 Part 2**, presented by George Swietczak, CPD, Illinois Plumbing Inspector

**Course Description:** Continued Session

### **George Swietczak, CPD, Illinois Plumbing Inspector:**

George has been working in the plumbing industry for over 50 years. He started working summers at plumbing shops starting in 1965 and earned his Chicago plumbing license in 1971. George is a long time ASPE member, Certified in Plumbing Design, is a certified Illinois Plumbing Inspector and Cross Connection Device Inspector and teaches programs for apprentice training.



Continued on Page 10

## **VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING**

He is founder and president of Dynamic Plumbing Corporation, Dynamic Plumbing Enterprises, LLC, and Illinois Plumbing Code Education. George is also President Emeritus of the Illinois Plumbing Inspectors' Association Charter Chapter, having served for 2-terms.

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**1:05–2:05pm: Medical Gas Design in the Patient Room & Operating Room**, presented by Josh Pedraja, ASSE 6060 of Pattons Medical

**Course Description:** This presentation will look at the Medical Gas design in the patient room and operating room. It will visit the outlets and secondary products within the patient room and look at the zone valve box and alarm relationship.

**Josh Pedraja, ASSE 6060:**

Josh Pedraja has 18 years of experience in the Medical Gas industry serving various roles such as Service Coordinator, Inside and Outside Sales, and Customer Support. He also has a background in industrial vacuum applications. Josh holds a bachelor's degree from Trinity International University in Deerfield, IL with an emphasis in music and education. Josh's education background is utilized often while consulting with engineering firms as a Medical Gas Consultant and teaching as an ASPE educator. Josh works with engineering firms, contractors, medical and lab facilities, distributors, and service partners throughout the Central U.S. He is the National Account Manager for a major health network and works very closely with each of their health facilities nationwide. Some of Josh's recent accomplishments include becoming certified in Medical Gas Design and being the first to be credentialed through NITC for the ASSE 6060 certification. Josh also helped create medical vacuum and air systems sizing standards for a national health network and has worked with the Federal Emergency Management Agency (FEMA) on the designing and building of mobile hospital trailers to treat COVID hotpots and natural disaster relief efforts.



Josh is a very active ASPE member; currently serving as the Region 2 Affiliate Liaison, the Eastern Michigan chapter Vice President of Membership and Committee Chairman for the EMC Golf Outings, serves on multiple committees including the national ASPE Affiliate Advisory Committee, national ASPE Membership Committee and the Central Ohio Chapter 2024 Convention & Expo Planning Committee in Columbus, Ohio. He is active with additional ASPE memberships for the Chicago, Cleveland, and Central Ohio ASPE Chapters. Josh and his family reside in northwest Ohio.

The free EXPO will run from Noon to 5pm. ASPE Chicago Chapter will give away at least \$2,000 in prizes to members in attendance during the show! A FREE Breakfast and after-EXPO party with dinner and prizes is available for all attendees! Lunch is available for purchase.

**2024-2025 Chapter Meetings and Beyond:**

After a pretty good year of success using the QR Code for meeting evaluations, this year we have eliminated the use of paper evaluation forms. In addition to the QR code, we will send out an e-blast each Friday to all meeting attendees that will include a link to an evaluation survey. Just like last year, you will be able to scan the QR codes that will be located at each table. If you require a paper evaluation form, they will be available at the sign-in table. Your meeting evaluations are very important in helping us plan for future meetings and presentations. Please take a minute or two to provide your feedback.

**Future Special Event Opportunity:** If you are an Affiliate that has access to mobile product demonstration trailers, please reach out to me at [ASPE.Chicago.VPTech@gmail.com](mailto:ASPE.Chicago.VPTech@gmail.com). We are looking at the possibility of hosting a special outdoor event in the future and I would like to get an idea of what is available and the interest level. If you have an idea for a technical presentation you want to see, or you have a great technical session you want to present, please reach out to me and we can look to get you or your topic on the list for the Expo or for the meeting season next year. We are also looking to lock in Manufacturer Spotlights and Cocktail Hour sponsors as well if you have an interest.

Stay safe!

**Justin Wroblewski, CPD**

Chicago Chapter Vice President, Technical  
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[Anaco-Husky.com](http://Anaco-Husky.com)



PIPE & COUPLING

[TylerPipe.com](http://TylerPipe.com)





## **VICE PRESIDENT, LEGISLATIVE**

Greetings Chicago Chapter Members!

St. Patrick's day is coming up; where are you going to be when the plumbers union refreshes the green in the river? Fun fact: Did you know the Chicago River would be blue in color if Local 130 stopped dyeing it green every March?

### **Code information:**

#### **Illinois Inspector contact information:**

We are looking to update the Illinois inspectors and Code official list. There is a list on [our website](#) (under the Members Only dropdown) and it appears we've not updated since 2020 for most of these individuals. (Blame me for not knowing about this part of the website and me needing to update!) If you have any updates that you know have been made, please please please use [this link](#) to send me an update for any Illinois Code Official so the update can be made to the website for everyone else. Thank you!

#### **Wisconsin Administrative Code Changes, the first in 14 years:**

The entire list of Plumbing code changes can be found here: [Business Information \(wi.gov\)](#). Some of these changes may look familiar for those that have worked in states following the International Codes. Here's one takeaway: Trap guards are out, any barrier-type trap seal must now conform to ASSE 1072.

#### **State of Michigan Code Updates:**

The new Michigan Codes have been announced and they will be adopting the 2021 International Plumbing (IPC), 2021 International Mechanical, and 2023 National Electric Codes effective March 12, 2024. Here is a link to the 2021 IPC changes. I'll have specific updates on what to be mindful of in the April issue. [ars.apps.lara.state.mi.us/Transaction/DownloadFile?FileName=FinalRule%28s%29.pdf&FileType=FinalRule&TransactionID=1415&EffectiveDate=3%2F12%2F2024&ReturnHTML=True](https://ars.apps.lara.state.mi.us/Transaction/DownloadFile?FileName=FinalRule%28s%29.pdf&FileType=FinalRule&TransactionID=1415&EffectiveDate=3%2F12%2F2024&ReturnHTML=True)

#### **City of Chicago Updates:**

To stay up to date on the happenings of the City Council and Committees, you can find the regularly updated calendar here [Office of the City Clerk - Meetings \(legistar.com\)](#)

#### **State of Illinois Updates:**

Illinois has adopted the 2021 International Energy Conservation Code with amendments, effective January 1, 2024. Please be aware and get familiar with the new code as it applies to your projects. <https://codes.iccsafe.org/content/IECC2021P1>

There has been no action related to the State of Illinois Plumbing Code. Additionally, there are no scheduled Illinois Plumbing Code Advisory Council Meetings. If that changes, I will let you know. To keep up on scheduled IDPH Events, the regularly updated calendar can be found here: [Search Results \(illinois.gov\)](#)

#### **Engineering rules of thumb:**

I think they're cop-outs. True engineering requires each of us to provide the most accurate of assumptions, calculations and figuring before we add margin of safety. I have this habit of questioning how individuals design/engineer so that I can learn. The worst phrase I hear from people is, "So-and-so told me to use <this>," and I've been doing it that way ever since."

Have you used this phrase before?

Why?

What's holding you back from uncovering why these rules of thumb are used? What would happen if the system failed and the building collapsed because of these rules of thumb that so-and-so told you to use? Is a rule of thumb a defense that can stand potential litigation? Does it matter whose thumb it is?

Maybe I'm barking up the wrong tree, I use rules of thumb everyday. However, these rules of thumb were measured and figured by me so I know when I can break them.

What rule of thumb do you use/hear that maybe you don't understand why it is what it is? I would love to know, and maybe I can help you to start forming your own.

Continued on Page 13

## **VICE PRESIDENT, LEGISLATIVE**

P.S. The one rule-of-thumb I have no idea if it's legit or bologna is regarding subsoil drainage and the difference between a building built upon clay soils versus a building built upon sandy soils. I have articles dating back to the 70s where the Geotech engineers actually measured annual water flows in the soil and then they still had issues after construction. It seems these days, the best thing to do is oversize the lift station. The trouble is I see folks putting in a 600 GPM sump pump, but only a single 4" pipe terminating into the basin. The designer didn't know why this is problematic. The community here can help if you have design questions that your supervisor is not able to answer; all you have to do is reach out.

Conclusion:

Please reach out to me if you have any code questions, code updates, ideas for topics of discussion, or you are looking for any interpretations and I will try and include pertinent information in future newsletters.

Please email me at [aspe.chicago.vpl@gmail.com](mailto:aspe.chicago.vpl@gmail.com) with any options you want to learn more about and I'll figure out how to get the content out. Feel free to expand upon the suggestions and/or create your own suggestion!

Thanks!

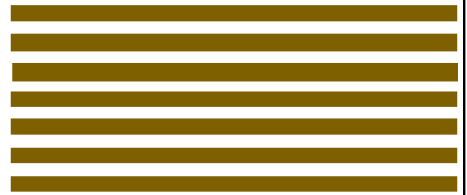
**Chris Winnie**

Chicago Chapter Vice President, Legislative  
[ASPE.Chicago.VPL@gmail.com](mailto:ASPE.Chicago.VPL@gmail.com)

# VP MEMBERSHIP

Philip Traynor CPMR.

March, 2024



## Current Membership Standings

Chapter	Total
New York City	409
Chicago	288
Boston	276
Dallas/Ft. Worth	273
Philadelphia	252
Houston	237
Los Angeles	227

## THIS MONTH'S BIRTHDAYS!

The ASPE Chicago board would like to extend a Happy Birthday to you this March!

William J. Bauer P.E.	Samuel Lee Marchesi	Chris Swade
Raven Brown	Larry McElheny P.E.	Ishtiaq Hussain Syed
Charles Martin Carroll	Jonathan Patrick Pingry	John A. Tenuto P.E.
Don Edward D'Agostino	Andrew Patrick Poull	Chris Wisinski
Jason J. Herber	Kenyatta Ribeiro	
Robert C. Luebke	Jason R Romano	

Hopefully Winter continues to wrap up and this amazing weather sticks around! Have a wonderful March. I look forward to seeing everyone at the ASPE Chicago EXPO at Drury Lane on March 22<sup>nd</sup>.

Yours Truly,

Philip Traynor CPMR

## MEMBERSHIP PUSH 2024

ASPE Affiliates\*\* If you're advertising, take advantage of our membership push! Contact Darren Rich for details.

Welcome to our Newest Members –

Roman Baisiev

Mayur Suraj Singh Rajput

## MARCH 2024 ANNIVERSARIES

### 1 year

Sandro Dae Andrea, Dan J McArthur, Subhasmita a Mohanty, Taylor L Thompson

### 5 years

Brian Makenas CPD

### 20 years

Andrew G. Kireta Jr.

### 35 years

Tom A. Wilson CPD





## **VICE PRESIDENT, AFFILIATE**

Happy March Chicago ASPE Members!

After the warmest February on record, let's hope this trend continues and winter is behind us. March brings us a lot of great happenings to our ASPE Chicago community.

World Plumbing Day was on March 11th. Members of ASPE Chicago Chapter celebrated by volunteering their time to pack meals at Feed My Starving Children on March 8th! The event was a resounding success! Thank you to all of you that volunteered and to those of you that donated money, your generosity is greatly appreciated!

We would also like to extend a HUGE thank you, to the Affiliate who helped us exceed our goal of purchasing one (1) pallet of food by donating enough money to purchase an entire pallet of food, \$2,255. This generous donation is enough to feed 21 children for an entire year!! THANK YOU!

The ILPHCC/ASPE Chicago EXPO is coming up on Friday March 22<sup>nd</sup>, be sure to attend to learn all about the new products and technologies from all your favorite Reps and Manufacturers.

We have open advertising spots in our monthly newsletter! Did you know you can qualify for FREE advertising just by signing up new ASPE members? See the attached flyer in this publication.

Remember Affiliates, I am your voice to the ASPE board, questions, comments, concerns, please reach out to me and let me know. I will be happy to bring it up at one of the upcoming board meetings.

Looking forward to seeing you at the ILPHCC/ASPE Chicago EXPO!

**Darren Rich**

*Chicago Chapter Vice President, Affiliate*

P# 224.833.6023 [aspe.chicago.vpaff@gmail.com](mailto:aspe.chicago.vpaff@gmail.com)



## **ADMINISTRATIVE SECRETARY**

Hello ASPE Chicago,

We had a great meeting at Westwood Tavern in Schaumburg. Here are the prize winners:

- 50/50 Raffle (\$255) - Ed Lichner / Mechanical Equipment Inc
- Free Dinner Raffle - Manny Aguilar / Wight Co
- Engineer Door Prize - Anthony Dauginas / McGuire Engineers

March is another busy month for ASPE Chicago! Friday March 11 was World Plumbing Day and ASPE Chicago once again volunteered at Feed My Starving Children in Schaumburg on March 8th.

Friday March 22 is the ILPHCC/ASPE Chicago EXPO. I hope to see you there!

Sincerely,

**Chris Swade**

*Chicago Chapter Administrative Secretary*

[aspe.chicago.admsec@gmail.com](mailto:aspe.chicago.admsec@gmail.com)



**NEW MEMBER** = **FREE ADVERTISING!**

### **ASPE CHICAGO AFFILIATES!!!**

How long have you been enjoying the perks,  
the networking, the fun of being a part of the  
Chicago ASPE Family?

Now is your chance to share what you already know  
with others, and its simple!

**Bring on a new ASPE Member - Get A Full Page Ad  
in our Monthly newsletter**

Bring on 3 new ASPE Members - Get A Full Page Ad  
for 3 Months - Plus a 4th Month Free!

**Bring on 6 new ASPE Members - Get a Full Page Ad  
for 6 months - Plus Get 3 Additional Months Free!**

*For all details, see your VP Affiliate, Darren Rich's Article in this monthly newsletter!*

*Any questions regarding this can be directed to Darren Rich - VP Affiliate*

Darren Rich 224-833-6023 - [darren@fanddsales.com](mailto:darren@fanddsales.com) - [aspe.chicago.vpaff@gmail.com](mailto:aspe.chicago.vpaff@gmail.com)



## ATTENTION MANUFACTURERS AND MANUFACTURER REPS!

Do you want the opportunity to reach out to the Chicago ASPE Community consisting of almost 700 viewers? One of the LARGEST Markets in the Industry?



**Hit your targeted customers by advertising in the ASPE  
Monthly Newsletter!**

**Full Page Ad      \$200**

**1/2 Page Ad      \$125**

**1/4 Page Ad      \$75**

*Specials offered for committing to multiple months.*

**Please contact Darren Rich for more information**

**P# 224-833-6023 / Email: [aspe.chicago.vpaff@gmail.com](mailto:aspe.chicago.vpaff@gmail.com)**





Hello, everyone! Please take the time to connect with us on social media and tag us in your posts! We encourage everyone to share pictures of the projects you're working on and any other ASPE events you attend. You can reach us at [ASPE.chicago.social@gmail.com](mailto:ASPE.chicago.social@gmail.com) or find us on the following platforms:



Here are some upcoming events and opportunities that can greatly benefit those of you who invest your time in professional development:

### **American Society of Sanitary Engineering (ASSE)**

2024 ASSE International Mid-Year Meeting

*\*(No local meetings or events)\**

- Date: April 2<sup>nd</sup> – 3<sup>rd</sup>, 2024
- Location: Plumbers 75 Training Center - 2102 E Springs Dr. Madison, WI 53704
- Link: [IAPMO \(asse-plumbing.org\)](https://www.asse-plumbing.org)

### **Illinois Chapter of American Society of Heating Refrigerating and Air Conditioning Engineers (ASHRAE)**

March Meeting:

- Date: March 7<sup>th</sup>, 2024
- Time: 5:00PM – 7:00PM
- Location: Smith Group - 35 E. Wacker Dr., Suite 900, Chicago, IL 60601
- Link: [ASHRAE® Illinois Chapter - Meeting/Event Information \(illinoisashrae.org\)](https://www.illinoisashrae.org)

### **National Fire Protection Association (NFPA)**

2024 NFPA Conference & Expo:

*\*(No local meetings or events)\**

- Date: June 17<sup>th</sup> – 19<sup>th</sup>, 2024
- Location: Orange County Convention Center, Orlando, FL
- Link: [NFPA Conference & Expo](https://www.nfpa.org/conference)

### **Illinois Rural Water Association (ILRWA)**

IRWA's 21<sup>st</sup> Annual Golf Outing

Date: August 23<sup>rd</sup>, 2024

- Time: 10:00AM
- Location: Edgewood Golf Club - 500 Willow Springs Rd, Burr Ridge, IL 60525
- Link: [ilrwa.org](https://www.ilrwa.org)

### **American Institute of Architects (AIA)**

Eastern Illinois Chapter March Meeting

- Date: March 27<sup>th</sup>, 2024
- Time: 6:00 PM - 9:00 PM
- Location: Gatto's – 8005 W. 183<sup>rd</sup> St., Tinley Park, IL 60477
- Link: [AIA Eastern Illinois Chapter - Meeting/Event Information \(aiaaic.org\)](https://www.aiaaic.org)

### **Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)**

Illinois 2024 PHCC EXPO North

- Date: March 22<sup>nd</sup>, 2024
- Time: 12:00PM – 5:00PM
- Location: 100 Drury Lane, Oakbrook Terrace, IL 60181
- Link: [EXPO \(ilphcc.com\)](https://www.ilphcc.com)

### **Society of Fire Protection Engineers (SFPE)**

SFPE Chicago – Wisconsin Joint Chapter Meeting

- Date: April 10<sup>th</sup>, 2024
- Time: 11:00 AM - 2:00 PM
- Location: The Brat Stop - Parkway Chateau - 12304 75th St., Kenosha, WI 53142
- Link: [Chicago Society of Fire Protection Engineers - Meeting/Event Information \(chicagosfpe.org\)](https://www.chicagosfpe.org)

### **American Water Works Association Illinois Section**

WATERCON 2024

Date: April 15<sup>th</sup> – April 17<sup>th</sup>, 2024

- Time: TBD
- Location: Peoria Civic Center – 201 SW Jefferson Ave., Peoria, IL 61602
- Link: [Illinois Section American Water Works Association \(isawwa.org\)](https://www.isawwa.org)

If you have any questions or need more information, please don't hesitate to reach out to me. Looking forward to a productive year ahead!

**Erik Fridlund**

Chicago Chapter Corresponding Secretary

[aspe.chicago.cspsec@gmail.com](mailto:aspe.chicago.cspsec@gmail.com)