



# Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers  
Vol. 48, No. 5  
December, 2016



## Chicago Chapter General Meeting Thursday December 15, 2016



### La Villa Restaurant

3632 N. Pulaski Road  
Chicago, IL 60641

Plenty of free parking! [Click here for location](#)

### BOOSTER NIGHT HOLIDAY PARTY &



### AGENDA

5:30pm– 9:00pm

Open Bar: Call Liquor, Beer & Wine

Hats off to all the **outstanding Affiliates**, ASPE Chicago and our members!

#### Program:

No technical program tonight, just a great night of socializing with good friends, and a chance to try out your skills on a select number of games!

6:30pm Dinner, (\$35 ASPE Members with RSVP/\$40 Non-Members and Walk-ins)

**RSVP** as soon as possible to April Ricketts, VP Technical!

- ◇ Call: 312-346-5000
- ◇ Email: [Chicago.ASPE.RSVP@gmail.com](mailto:Chicago.ASPE.RSVP@gmail.com)
- ◇ Go to [Chicago.aspe.org](http://Chicago.aspe.org) and RSVP!

### MENU

#### Appetizers:

- Sausage Skewers
- Meatballs
- Focaccia Bread
- Shrimp Cocktail

Salad w/ Ranch, French, and House Dressings

#### Entrées:

- Pepper Steak
- Baked Chicken
- Bowtie Pasta w/ Marinara
- Mashed Potatoes
- Grilled Vegetables

#### Drinks:

- Coffee

**Local chapters are not authorized to speak for the Society**



# Chicago ASPENews



## 2016-2017 Preliminary ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
July 30, 2016	<b>ASPE Chicago Chapter Summer Outing</b> Arlington Race Track	N/A	Arlington International 2200 West Euclid Avenue Arlington Heights, IL 60006
September 22, 2016	<b>ASPE Chicago Product Show</b> (See attached Flier for a list of Technical Seminars)		Meridian Banquet & Conference Center 1701 W Algonquin Rd Rolling Meadows, IL
October 20, 2016	<b>Presentation Topic: Hot water Temperature Maintenance</b> Speaker: Mark Hall with Pentair  <b>Mfr Spotlight: LabWaste CPVC Corrosive Drainage Systems</b> Speaker: Ron Leamon with Spears Mfg.	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
October 28 thru November 2, 2016	<b>ASPE National Convention, Phoenix, AZ</b>		Phoenix Convention Center 100 N 3rd St, Phoenix, Arizona 85004
November 17, 2016	<b>Presentation Topic: The Role of Copper Silver on a Multi-barrier Approach to Water Quality and Disease Prevention</b> Speaker: Chris Ebner with Liquitech  <b>Mfr Spotlight: Froet Roof Drains and Downspout Nozzles</b> Speaker: Craig Froeter with Froet Industries	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
December 15, 2016	<b>Chapter Membership Appreciation Booster Night</b>	N/A	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 19, 2017	<b>Presentation Topic: High Rise Plumbing Considerations</b> Speaker: David DeBord with dbHMS  <b>Mfr Spotlight: Heat Recovery from Wastewater and Sewage</b> Speaker: Rick Lawlor with International Wastewater Systems	0.1	<b>**Note New Location!**</b> Venuti's 2251 W. Lake Street Addison, IL
February 16, 2017	<b>Presentation Topic: The Mechanics of Design: Wall-Mount Concealed Tank Toilet Systems Technology.</b> Speaker: Mark Scharf with Geberit  <b>Mfr Spotlight: Sensor Technology</b> Speaker: Conrad Haller with Moen	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 16, 2017	<b>Presentation Topic: Benefits and Considerations for Graywater Treatment and Reuse in Facilities</b> Speaker: Benjamin Sojka with RMS and Nate Nickerson with Critical Flow  <b>Mfr Spotlight: Electric Tankless Water Heaters</b> Speaker: Eemax	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 20, 2017	<b>Presentation Topic: Water Heater Solutions and Best Practices</b> Speaker: Paul Rohrs with Lochinvar  <b>Mfr Spotlight: TBD</b> Speaker: Mark Kaulas with Bornquist	0.1	Venuti's 2251 W. Lake Street Addison, IL
May 18, 2017	<b>Presentation Topic: Designing Laboratory Supply Systems for Flammable and Oxidizing Gases</b> Speaker: Brett Conley with Concoa  <b>Mfr Spotlight by Pentair</b>	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
TBD	<b>Annual Golf Outing</b>  If you would like to present any of these topics or become a meeting sponsor, please contact April Ricketts at <a href="mailto:ASPE.Chicago.VPTech@gmail.com">ASPE.Chicago.VPTech@gmail.com</a> .	N/A	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL



## **PRESIDENT'S MESSAGE**

Merry Christmas and Happy Holidays!

Well the Holidays are here at last! Hope everyone is ready for Christmas! The children are excited to decorate the house and get their Christmas lists together.

'Tis the season to give thanks and spread cheer to all! This is the time of year to give thanks to your family and friends. Please keep in mind to help others this season to others less fortunate. Just a simple smile, a nod or hello can leave a positive impression to someone who may be having a bad day.

This is the time of year to come together, so come out this month and celebrate with your fellow members!



## **CONVENTION RECAP**

The 2016 ASPE convention was well attended (especially by Chicago members)! The business meeting portion of the convention had the delegation voting on bylaw amendments (15 total) and voting for the new national board of directors. Steve Garvey opened the Exposition Show with a key note address. I always thought he was taller?

David Debord is now the second in command of national as the newly elected Vice President Technical. Please congratulate him at the upcoming meeting.

During the business meeting presidential candidate Donald Trump held a rally on the floor above us with no effect on the meeting and Hillary Clinton was going to make her appearance on Wednesday the day after the conclusion of the exposition.

Some of the main duties of the delegates is to vote as a Chapter and discuss who we thought would be the best qualified candidates for the position. Several positions were unopposed while others had challengers with several being debated. This was the first business meeting where the delegates became very vocal on the position of membership. Membership is a big part of the society and the main focus was on bringing in new and young engineers and designers.

The exposition also had some great seminars for the beginner designers and engineers to the more advanced engineers. While we were there we had the opportunity to watch the CUBS get to game 7 of the World Series! If you read last month's newsletter I predicted that the CUBS would win!

*Continued on next page...*

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[www.linkedin.com/groups?home=&gid=2393408](http://www.linkedin.com/groups?home=&gid=2393408)



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

### **CASINO NIGHT THEME**

This year our booster night will be full of gambling (chips only no cash) winning, losing and mingling with new and old friends. We will have the following games for your wagering pleasure, black-jack, craps, roulette, Texas Holdem and the money wheel. Prizes will be awarded. The top prize will be a 55" full HD Television.

### **RECAP FROM LAST MONTHS MEETING**

I would first like to apologize to our main presenter and all in attendance for our November meeting. The miscommunication to book another party adjacent to ours between us and the venue will not happen again. Thank you to Chris Ebner with Liquitech for the main presentation and Craig Froeter with Froet Industries for his spotlight presentation on roof drainage

Also thanks to all the members who brought in Toys for the TOYS-FOR-TOTS last month. Remember We are still collecting toys at the December meeting!

### **TOYS FOR TOTS**

Remember that we will be collecting this month as well to give to the kids of Chicagoland a joyous Christmas this year! Bring in a new un-opened toy for boys and girls (who are less privileged than our kids) to our December meeting.



The Marines will be landing and will be in attendance at this month's meeting to spread Honor and cheer to all attendee's and collect all our donated toys. OOH-RA!!! GOD BLESS TO ALL THE ARMED FORCES WHO PROTECT ARE SHORES! These are the men and women who deserve our gratitude for their service!

Remember to show your gratitude to all the manufacturer affiliates who have supported us generously throughout the years!!! Have a great night of fun and games and have a blessed holiday season to you and your families.

### **BOOSTER NIGHT**

This year will be our first CASINO NIGHT! The board is very excited about this new idea. So wear your gambling shoes. We are currently looking for Manufacturer Reps to help Sponsor our booster night games, bar and festivities. Please contact Matt Pardue at, (CELL) 630-649-0665, [mpardue@acorn.com](mailto:mpardue@acorn.com) or myself at [aspe.chicago.president@gmail.com](mailto:aspe.chicago.president@gmail.com) (CELL) 630-901-6446.


### **WHAT IS AYP? WHO CAN BE INVOLVED?**

The AYP special interest group is designed for young industry professionals looking to meet with peers to share experiences, exchange ideas about the plumbing design industry, and network with other chapter members. The focus of AYP is to help young plumbing engineers, design professionals, and practitioners establish contacts and further the mission of the Society.

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

To receive additional information on ASPE Young Professionals or to sign up to be part of the group, please contact Pam Rosenberg, ASPE Staff Liaison to ASPE Young Professionals Special Interest Group, 224-217-9016 or [prosenberg@aspe.org](mailto:prosenberg@aspe.org). Please contact Emily Koussa who is our Chicago Chapter AYP Liaison. Emily can be contacted at [aspe.chicago.ayp@gmail.com](mailto:aspe.chicago.ayp@gmail.com).



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# Women of ASPE

## ASPE Announces The Women of ASPE

The mission of the new Women of ASPE (WOA) special-interest group is to engage, retain, and advance women in the plumbing design industry through education, leadership development, and networking opportunities. It is open to women who have an active membership with the American Society of Plumbing Engineers. Some of the activities include:

- Mentoring programs
- Membership growth outreach efforts
- Fostering partnerships with industry-related associations
- Various educational offerings

To join the Women of ASPE special-interest group, email [skidd@aspe.org](mailto:skidd@aspe.org)  
For more information, visit [www.aspe.org/woa](http://www.aspe.org/woa)



Thank you,

**Mark G. Mannarelli**  
Chicago Chapter President  
[ASPE.Chicago.President@gmail.com](mailto:ASPE.Chicago.President@gmail.com)



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

December Greetings,

Thanks to all of you who joined us at our November Chapter meeting. There were a few hiccups - most noticeably the acoustics in the area of the restaurant that we were seated in at the Athena Restaurant (apologies all around to those who attended) - but it was still great to see so many of you braving the downtown traffic to get together and socialize, enjoying free drinks (thanks to LiquiTech for sponsoring the happy hour) and for donating gifts to Toys for Tots.

On a side note...as our regular meeting room at Athena is still under renovation will not be available in time for our January meeting, we will be moving our January meeting over to the Venuti Restaurant. This is just a temporary move, as we still want to have meetings in the Downtown area. With that said, let me know for the 2017-2018 you still want to meet at the Athena Restaurant (in the renovated meeting room) or if you prefer a different location in the downtown area.

We do have the slides from our November meeting presenter posted to the Chapter website. Additionally, the speaker has proposed sending me links to a YouTube version of his presentation for those who could not hear him...stay tuned for more on this.

Moving on...

Be sure to join us at this month's Casino Night Booster and Membership Appreciation event. This is the first time we have tried doing our Booster Night in this format, but it is shaping up to be an exciting time. Additional information of the Casino Night is listed elsewhere in this newsletter, so I will keep my section on it short. Please plan to attend...and bring more gifts for Toys for Tots.

We are still looking for Cocktail Hour sponsors for upcoming meeting. If you are interested, please let me know.

Lastly, I have been asked to give you all an overview of my experience at the ASPE National Convention held in Phoenix. All-in-all, I had a great time. Similar to our November meeting (smile), there were a few minor hiccups at the convention - including maneuvering through a spirited Trump rally and revisiting the importance of Roberts Rules of Order (fun stuff) - but there were more of the fantastic things than so-so things that helped to make for an enjoyable experience. If you have never been to an ASPE convention (either as a Delegate or a regular attendee), I would highly recommend it. There is always something for everyone to participate in, including technical sessions, a huge product show, and lots of networking opportunities, even for those of us who are not social butterflies.

Ho Ho Ho...until Next Time...

**April Ricketts, PE, CPD, LEED AP BD+C**

*Chicago Chapter Vice President Technical*

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## **VICE PRESIDENT, LEGISLATIVE**

### **Greetings Chicago Chapter.**

**What is going on with the Chicago Plumbing code in regards to: NFSC and Hose Bibb Connections? It is not so much about the water supply connection, instead, it is all about protection from backflow.**

Thanks to a question made by a fellow member, I reviewed the City of Chicago Plumbing code regarding this application. What ever happen to the 4 port testable back flow preventer? What is the required back flow device for hose connections? Here is all the information in a single location: (Referenced tables at bottom)

#### **18-29-202 General definitions.**

**BALLCOCK.** A water supply valve, opened or closed by means of a float or similar device, utilized to supply water to a tank. An anti-siphon ballcock contains an anti-siphon device in the form of an approved air gap or vacuum breaker that is an integral part of the ballcock unit and that the position on the discharge side of the water supply control valve.

**HOSE BIBB.** A faucet to which a hose may be attached.

**HYDRANT.** A valve or faucet for drawing water from a buried pipe which generally includes a stand pipe with a valve or faucet at the upper end. It usually has a threaded valve outlet to which a hose may be attached.

**SILL COCK.** A type of lawn faucet. A faucet used on the outside of a building to which a garden hose may be attached.

#### **18-29-424.2 Hose spray.**

Sink faucets with a flexible hose and spray assembly shall conform to ASSE 1025 or CSA CAN/CSA-B 125.

#### **18-29-424.3 Hand showers.**

Hand-held showers shall conform to ASSE 1014 or CSA CAN/CSA-B125.

#### **18-29-425.3.1 Ball cocks.**

All flush tanks shall be equipped with an anti-siphon ball cock conforming to ASSE 1002 or CSA CAN/CSA- B125. The ball cock backflow preventer shall be located at least 1 inch (25 mm) above the full opening of the overflow pipe. A sheathed ball cock shall be installed in all gravity flush tanks in which the flush valve seat is located less than 1 inch (25 mm) above the flood level rim of the bowl.

#### **18-29-606.4 Valve identification.**

Service and hose bibb valves shall be identified. All other valves installed in locations that are not adjacent to the fixture or appliance shall be identified, indicating the fixture or appliance served.

#### **18-29-608.1 General.**

A potable water supply system shall be designed, installed and maintained in such a manner so as to prevent contamination from non-potable liquids, solids or gases being introduced into the potable water supply through cross-connections or any other piping connections to the system. Backflow preventer applications shall conform to **Table 18-29-608.1**

#### **18-29-608.3 Water supply pipes.**

Water supply pipe to plumbing fixtures, water using appliances and equipment, wall hydrants (except fire hydrants used for firefighting) and hose bibbs shall meet the following requirements:

*Continued on next page...*

## **VICE PRESIDENT, LEGISLATIVE CONTINUED...**

1. No plumbing fixture shall be installed unless the water supply enters said fixture with an air gap of twice the internal diameter of the water supply pipe but not less than 1 inch above the flood level rim of the fixture.
2. Dishwashing machine and clothes washing machine water supply pipes shall have an air gap as required for plumbing fixtures, except that dishwashing machine water supply pipes may enter through an approved atmospheric vacuum breaker located on the discharge side of the last control valve. The bottom of the vacuum breaker shall not be less than 6 inches above the flood level rim of the machine or related equipment.

### **18-29-608.3.1 Special equipment, water supply protection.**

The water supply for hospital fixtures shall be protected against backflow with a reduced pressure principle backflow preventer, an atmospheric vacuum breaker, or an air gap. Vacuum breakers for bedpan washer hoses shall not be located less than 5 feet above the floor.

### **18-29-608.13.5 Atmospheric-type vacuum breakers.**

Pipe-applied atmospheric-type vacuum breakers shall conform to ASSE 1001 or CSA CAN/CSA- B64.1.1. Hose-connection vacuum breakers shall conform to ASSE 1011, CSA CAN/CSA-B64.2, ASSE 1019, CSA CAN/CSA-B64.2.2, ASSE 1035, CSA B64.7 or ASSE 1052. These devices shall operate wider normal atmospheric pressure when the critical level is installed at the required height.

### **18-29-608.15 Protection of potable water outlets.**

All potable water openings and outlets shall be protected against backflow in accordance with the following:

1. Openings and outlets shall be protected by an air gap between the opening and the fixture flood level rim as specified in **Table 18-29-608.15.1**. Openings and outlets equipped for hose connection shall be protected by means other than an air gap.
2. Openings and outlets shall be protected by a reduced pressure principle backflow preventer.
3. Openings and outlets shall be protected by a backflow preventer with an intermediate atmospheric vent.
4. Openings and outlets shall be protected by atmospheric-type vacuum breakers. The critical level of the vacuum breaker shall be set a minimum of 6 inches above the flood level rim of the fixture or device. Ball cocks shall be set in accordance with **Section 425.3.1**. Vacuum breakers shall not be installed under exhaust hoods or similar locations that will contain toxic fumes or vapors. Pipe-applied vacuum breakers shall be installed not less than 6 inches above the flood level rim of the fixture, receptor or device served.
5. All pull-out spout-type faucets shall be in compliance with CSA CAN/CSA-B 125 and have an integral vacuum breaker or vent to atmosphere in their design or shall require a dedicated deck- or wall-mounted vacuum breaker. Approved deck-mounted or equipment-mounted vacuum breakers and faucets with integral atmospheric or spill-proof vacuum breakers shall be installed in accordance with the manufacturer's instructions and the requirements for labeling with the critical level not less than, 1 inch (25 mm) above the flood level rim.
6. Sillcocks, hose bibbs, wall hydrants and other openings with a hose connection shall be protected by an atmospheric-type or pressure type vacuum breaker or a permanently attached hose connection vacuum breaker.

Exceptions:

1. This section shall not apply to water heater and boiler drain valves that are provided with hose connection threads and that are intended for only tank or vessel draining.
2. This section shall not apply to water supply valves intended for connection of clothes washing machines where backflow prevention is otherwise provided or is integral with the machine.

### **18-29-609.4 Vacuum breaker installation.**

Vacuum breakers shall be installed a minimum of **6 inches** above the flood level rim of the fixture or device in accordance with Sections 18-29-608 through 18-29-608.17.1.2. The flood level rim of hose connections shall be the maximum height at which any hose is utilized.

(Check swimming pool section for additional information regarding hose connections, if your design includes SPA type pools, swimming pools, or hydro massage tubs)

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**VICE PRESIDENT, LEGISLATIVE CONTINUED...**

§ 18-29-608.1

**Chicago Municipal Code – Building Infrastructure****Table 18-29-608.1  
Application for Backflow Preventers**

<b>Device</b>	<b>Degree of Hazard <sup>a</sup></b>	<b>Application <sup>b</sup></b>	<b>Applicable Standards</b>
Air gap <sup>c</sup>	High or low hazard	Backsiphonage or backpressure	ASME A112.1.2
Antisiphon-type Water Closet Flush Tank Ball Cock	Low Hazard	Backsiphonage only	ASSE 1002 CSA CAN/CSA-B125
Reduced Pressure Principle Backflow Preventer	High or low hazard	Backpressure or backsiphonage Sizes 1/4" to 10"	ASSE 1013 AWWA C511 CSA CAN/CSA B64.4
Reduced Pressure Detector Assembly Backflow Preventer	High or low hazard	Backsiphonage or backpressure	ASSE 1047
Double Check Backflow Prevention Assembly	Low hazard	Backpressure or backsiphonage Sizes 3/8" to 16"	ASSE 1015 AWWA C510
Double Check Detector Backflow Preventer Assembly	Low hazard	Backpressure or backsiphonage (Fire sprinkler systems) Sizes 1 1/2" - 16"	ASSE 1048
Dual Check Valve-Type Backflow Preventer	Low hazard	Backpressure or backsiphonage Sizes 1/4" - 1"	ASSE 1024
Backflow Preventer with Intermediate Atmospheric Vents	Low hazard	Backpressure or backsiphonage Sizes 1/4" - 3/4"	ASSE 1012 CSA CAN/CSA-B64.3
Dual Check Valve-Type Backflow Preventer for Carbonated Beverage Dispensers/Post Mix Type	Low hazard	Backpressure or backsiphonage Sizes 1/4" - 3/8"	ASSE 1032
Pipe-Applied Atmospheric-Type Vacuum Breaker	High or low hazard	Backsiphonage only Sizes 1/4" - 4"	ASSE 1001 CSA CAN/CSA-B64.1.1
Pressure Vacuum Breaker Assembly	High or low hazard	Backsiphonage only Sizes 1/2" - 2"	ASSE 1020
Hose-connection Vacuum Breaker	High or low hazard	Backsiphonage Sizes 1/2", 3/4", 1"	ASSE 1011 CSA CAN/CSA-B64.2
Vacuum Breaker Wall Hydrants, Frost-Resistant, Automatic Draining Type	High or low hazard	Backsiphonage Sizes 3/4", 1"	ASSE 1019 CSA CAN/CSA-B64.2.2
Laboratory Faucet Backflow Preventer (Non-testable)	Low hazard	Backsiphonage	ASSE 1035 CSA B64.7
Hose Connection Backflow Preventer (Non-testable)	Low hazard	Low head backpressure, rated working pressure backpressure or backsiphonage Sizes 1/2" - 1"	ASSE 1052
Spill-proof vacuum breaker	High or low hazard	Backsiphonage only Sizes 1/4" - 2"	ASSE 1056

For SI: 1 inch = 25.4 mm

<sup>a</sup> Low Hazard - See Pollution (Section 202) and Department of Water Management requirements  
 High Hazard - See Contamination (Section 202) and Department of Water Management requirements

<sup>b</sup> See Backpressure (Section 202)  
 See Backpressure, Low Head (Section 202)  
 See Backsiphonage (Section 202)

<sup>c</sup> Break tank

<sup>d</sup> For systems using non-food grade chemical additives  
 (Amend Coun. J. 11-8-12, p. 38872, § 353)

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**VICE PRESIDENT, LEGISLATIVE CONTINUED...**

**Table 18-29-608.15.1  
Minimum Required Air Gaps**

Fixture	Minimum Air Gap	
	Away from a wall (inches)	Close to a wall (inches)
Lavatories and other fixtures with effective opening not greater than 1/2 inch in diameter	1	1 1/2
Sink, laundry trays, gooseneck back faucets and other fixtures with effective openings not greater than 3/4 inch in diameter	1 1/2	2 1/2
Over-rim bath fillers and other fixtures with effective openings not greater than 1 inch in diameter	2	3
Drinking water fountains, single orifice not greater than 7/16 inch in diameter or multiple orifices with a total area of 0.150 square inch (area of circle 7/16 inch in diameter).	1	1 1/2
Effective openings greater than 1 inch.	Two times the diameter of the effective opening.	Three times the diameter of the effective opening.

**Remember to always check with the city of Chicago for unpublished changes to the code:**

**City of Chicago Plumbing code location.**

[http://library.amlegal.com/nxt/gateway.dll/Illinois/chicagobuilding/buildingcodeandrelatedexcerptsofthemunic?f=templates\\$fn=default.htm\\$3.0\\$vid=amlegal:chicagobuilding\\_il](http://library.amlegal.com/nxt/gateway.dll/Illinois/chicagobuilding/buildingcodeandrelatedexcerptsofthemunic?f=templates$fn=default.htm$3.0$vid=amlegal:chicagobuilding_il)



## **ASPE CONVENTION REPORT**

### **ASPE 2016 PHOENIX, ARIZONA**

As you all know every two years an ASPE Chapter hosts the national convention and Product show. This year was the Phoenix Chapter's turn, and they all did a great job!

#### **THE CONVENTION:**

- Acting as a chapter delegate is a rewarding experience! Delegates get the opportunity to vote on law changes and future directors that directly impact ASPE! The entire process can be time consuming however, a delegate's participation is an important contribution that helps shape the future of ASPE.
- This was my third time as delegate, and each time I made new friends and connections from all over the country, and Canada.
- The Comradery between peers during the business meetings and gatherings afterwards is a trademark of the ASPE convention.
- Besides the business meetings, we also participated in different national committee meetings. As Chairman of the Education Committee, I hosted one of them together with Pam Rosenberg, and David DeBord.
- One of the highlights of the convention was the introduction of our own Dan Fagan to the ASPE College of Fellows. A well-deserved accomplishment for Dan, who has been a constant contributor and positive influence in the Chicago Chapter.



David Erickson, Mark Mannarelli, Phil Kroll, Scott Jagodzinski, Natalia Dankanich, Dan Fagan, Jason McDonald, Francisco DeHoyos, & Joe Ficek.

#### **J. Francisco DeHoyos**

Vice President, Legislative  
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#### **CHICAGO DELEGATES:**

**MARK MANNARELLI**

**APRIL RICKETTS**

**FRANCISCO DEHOYOS**

**CHRIS WISINSKI**

**CHRIS SBARBARO**

**DAVID ERICKSON**

**EMILY KOUSOS**

**NATALIA DANKANICH**

**JASON MCDONALD**

**PHIL KROLL**

**SCOTT JAGODZINSKI**

**MATT PARDUE**

## ASPE CONVENTION REPORT CONTINUED...

Hey ASPE Chicago! I was honored to be an alternate Delegate for the 2016 ASPE Convention. As ALWAYS, it was an absolute privilege to represent you, the ASPE Chicago members. Plenty of fun stuff happened at the Convention (in Phoenix if you were not aware). In addition to the fun parts, there is also important business related stuff to accomplish.



The reason ASPE Chicago sent delegates (and alternates) to the Convention was to represent the Chapter at the Business Meeting. I'm quite sure others will discuss this; so, I won't bore you with the details. The short report is that there was voting on proposed bylaw amendments and on the new ASPE Board of Directors. I expect Mark or someone else to report the results to you. However...**Spoiler alert** – big congratulations to David DeBord for being elected Vice President Technical!

So, I said there was fun to be had. The Welcome Party at Corona Ranch was great – lots of laughter and good times even though there was no rodeo (many of us were expecting one). They did, however, put out a small TV so that folks could watch Game #5 of the World Series. Nice move.

The Manufacturer Hospitality Night events were first class. Thanks to Sloan Valve, Viega and SyncroFlo for allowing me to crash their respective parties. Many other manufacturers including (but not limited to) Nibco and Armstrong also held events for which reviews were outstanding.

My favorite part of ASPE's national events (Convention in the even-numbered years and Technical Symposium in the odd-numbered years) is seeing friends I've made from other chapters and being able to see ASPE Staff, many of whom have become friends over the years. I enjoyed meeting new people and catching up with old friends (I say this every time). Talk always includes business; but, as soon as that is out of the way, we quickly catch up on families and so many other things.

This was not a normal Convention. This was the first ASPE Convention EVER that occurred during a World Series that included the Chicago Cubs! So, I had to schedule my Convention around game times. We managed to see old friends for a game, watch a game with fellow (and former) Chicago Chapter members and most importantly, I got home in time to catch most of Game #7. Glad I did!

It was a successful Convention both for me and for the Cubs! Thank you again for allowing me to represent you and I hope to be able to do that again in 2018 in Atlanta. If you have never been to an ASPE Convention, I highly recommend you think about it. Not only will you get excellent education at the seminars, you will also see all of the newest products from familiar manufacturers and from some that are not so familiar. You will meet new people from other parts of the country, Canada and more. It is SO worth the price of admission and I hope to see you in Atlanta in 2018. Before that gets here though, the 2017 Technical Symposium will be making its first venture out of the country. So, update your passport, practice your French and make your plans to go to Montreal for the 2017 ASPE Technical Symposium next October!

### COMMITTEE AND MEETING REPORTS:

I'm happy to report that this was expected to be the last ASPE Convention occurring during Halloween. I know this has been a struggle for those of you with kids and for those of you who love handing out the candy.

In addition to the Business Meeting, Saturday and Sunday at the Convention include (same as at every Convention) a whole slew of committee meetings and group meetings. I'll try to keep this short. I expect Natalia to talk about the first ever Women of ASPE (WOA) Leadership Forum and Emily to talk about the ASPE Young Professionals (AYP) meeting. Also, Chris Sbarbaro will likely tell you about the Professional Engineering Working Group meeting. If you don't read anything else about these groups in this newsletter OR are interested in being a part of one of these groups, PLEASE talk to one of the folks mentioned above. There are some pretty exciting things happening with ASPE and these are just a few.

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## **ASPE CONVENTION REPORT CONTINUED...**

Seeing the above, I obviously have a knack for repeating what other people did. So, what the heck did I do? I managed to make it to several meetings. First, I sat in on the Education Committee which is chaired by our own (now Texas-based) Francisco DeHoyos. He will likely include an article about this meeting somewhere in this newsletter. After that, I had a conflict – Long Range Planning Committee or Membership Committee? Here's what I did...

### **Long Range Planning Committee**

I met briefly with Bill Grayzar of the Eastern Michigan Chapter with whom I am on a subcommittee tasked with finding out how we can market ASPE to the younger/ Millennial members. Bill presented and said that our work (mainly research so far) was very well received by the younger members in attendance. If you are in that age group and do not like the label "Millennial", I apologize – no disrespect intended. If you happen to have some input regarding how ASPE can give value to our younger members, PLEASE contact me ([jmcdonald@grummanbutkus.com](mailto:jmcdonald@grummanbutkus.com) or 847.316.9258). We want to make ASPE as valuable as possible for ALL our members.



### **Membership Committee**

I've been on the Membership Committee for nearly two years now. I joined shortly after the 2014 Convention here in Chicago. The main thing I have been involved with is being on a subcommittee to define the *value* ASPE truly gives its members. There are many initiatives in the works that will hopefully give you MORE value for your membership dollar. Some ideas include minimizing what non-members can access. So, if you are reading this and are not an ASPE member, it might be worth your while to join soon before dues have a chance to increase (no, there is no known increase in the works as far as I know).

### **Membership Council**

All chapters present shared things they are doing both to increase membership and to benefit their membership. A lot of good ideas were shared, some of which you may soon see here in ASPE Chicago.

There were several other committee meetings. For a description of ASPE's committees, check out <https://aspe.org/content/committees>. If you want to discuss the meetings I attended or about anything else about ASPE, please feel free to contact me.

**Jason McDonald**, Past President & ASPE Chicago Alternate Delegate  
[jmcdonald@grummanbutkus.com](mailto:jmcdonald@grummanbutkus.com)

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Happy Holidays everyone!

It's been almost a month since the ASPE convention in Phoenix. Arizona's weather was dry, sunny and warm, making it hard to believe it is already December with the holiday season approaching. The Convention was great! We had nice weather, good food, great seminars, new perks at the vendor booths, and lots of familiar faces around.

For me, the highlight of the convention this year was the inaugural WOA (Women of ASPE) Leadership Forum. All women in the industry were invited to attend this exciting event. WOA is a special-interest group formed about a year ago to bring together women in industry and support them in achieving their professional and personal goals. This was a great opportunity to talk about how to help advance women in the plumbing design industry, which has traditionally been dominated by men, using tools such as education, leadership and networking. I had the pleasure of representing ASPE Chicago Chapter and Region 5. It was a full day event with four great speakers, lots of work-related stories, yummy food, and laughter.

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## **ASPE CONVENTION REPORT CONTINUED...**

A big thanks to ASPE Chicago Chapter for a great opportunity to attend this event and for the privilege of representing ASPE Chicago Chapter as a delegate.

Thank you all and Happy Holidays!

**Natalia Dankanich**, ASPE Chicago Delegate  
[NDankanich@grummanbutkus.com](mailto:NDankanich@grummanbutkus.com)

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This was my first out of town convention (I did attend the Chicago Convention 2014) as well as first time as a board member and a delegate. Needless to say being a delegate provides a whole new experience to the convention. The benefits of the delegate meetings are to provide/correct/amend the direction of the Society board for the next two years. While the voting process is important for the nature of the board and the chapters, there seemed to be some challenges to the voting procedure this year. I hope future efforts will be run with better direction next time. A couple of members told me that Society in the past hired an expert to run the process but did not do so this time. Seems like it would be worth the expense.

Steve Garvey was the Keynote speaker this year and he provided a great level of insight to the business aspect of what we do for a living. His anecdotes brought the proper levity to his speech. He even shook my hand on the way out. The educational classes I took were informative although there were a couple classes I heard that were so full people were standing. I am happy and sad I missed those. Society offered a total of 25 classes of which you chose 5. I selected the ones that I wanted to learn more about. And one I was very curious to see.

I enjoyed meeting fellow engineers from around the country and sharing the experiences of the nightlife activities hosted by the manufacturers. I attended parties hosted by Armstrong, Nibco, Leonard, Syncroflo & Viega.

When it came to walking the exposition floor I walked with a younger engineer and manufacturer rep who was attending as a delegate, actually walking the floor for the first time. I would offer my expertise in the industry to them both as to what I wanted to see and questions I had for specific features I was looking for in new products. The exposition this year was held on Halloween and I am sad to say that only 1 other person was dressed for the occasion. If you saw my November article you saw my costume. I should thank Viega for making my cane.

The Chicago Chapter was well represented with engineers and manufacture representation at the exposition. It was great to see so many local faces.

All in all, a great experience for anyone who wants to get more out of their membership. You meet some fantastic people, see some cool products firsthand and hopefully learn a thing or two in the classes.

**Scott Jagodzinski, CPD**  
*Chicago Chapter Corresponding Secretary & ASPE Chicago Delegate*  
[ASPE.Chicago.CspSec@gmail.com](mailto:ASPE.Chicago.CspSec@gmail.com)



## **VICE PRESIDENT, MEMBERSHIP**

Greetings ASPE folks!

Well the holiday season is fully upon us. The dreaded Christmas shopping for the loved ones, holiday parties and of course ASPE Booster Night! I hope to see you there even if you're not much of a gambler.

I would like to introduce our newest Chicago ASPE member, Mr. Robert Nicksic, PE, LEED AP, of James F. Giannini & Associates. Please join me in welcoming Bob to the ASPE family!

Here are the Chicago ASPE Chapter Membership stats, as of November 9<sup>th</sup>:

**Total Chapter Members = 282. Chicago is the largest ASPE Chapter in Region 5, but the 3<sup>rd</sup> largest within the National.** New York is the largest chapter at 322 members, with Boston coming in second at 296 members.

- Full = 137
- Associate = 16
- Affiliate = 105
- Gov't = 2
- Presidential = 1
- Special = 13
- Student = 1
- Life = 1
- Retired = 8
- Honorary = 0
- Members with a PE = 61
- Members with a CPD = 63
- Members with a PE & CPD = 28

ASPE Chicago Scholarship. Please remember that the Chicago ASPE Chapter is looking to provide up to two \$1000 scholarships each year. Please contact me for further details on this Scholarship that I personally have not seen taken advantage of yet!

Also a final reminder... December is the **last chance** to get some donations for the Toys for Tots program. Please help those less fortunate than ourselves.

Thank you,

**Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C**

*Chicago Chapter Vice President, Membership*

[ASPE.Chicago.VPM@gmail.com](mailto:ASPE.Chicago.VPM@gmail.com)



## **ADMINISTRATIVE SECRETARY**

Greetings Members,

If you missed the last meeting at Athena Restaurant you missed a great meal and the opportunity to mingle with over 50 other members. During the meeting the heavens opened for Ishac Koussa because he won twice; the 50/50 RAFFLE was for \$140 and he won the RSVP dinner raffle as well. The other half of the 50/50 raffle will go to Toys for Tots.

Please don't forget to bring you unwrapped toys for the Toys for Tots drive that we'll be collecting at the December Casino Night meeting.

I hope to see you at the next meeting.

Thank you,

**David Erickson-**

*Chicago Chapter Administrative Secretary*

C# 312-519-5629 [aspe.chicago.admsec@gmail.com](mailto:aspe.chicago.admsec@gmail.com)

## **CORRESPONDING SECRETARY: INDUSTRY NEWS**



Hello Chapter members.

A lot has happened this past month. We had a nice turnout for the November Meeting at Athena in Greek Town, albeit a bit noisy, and a good number of Chicago representation at the ASPE Convention in Phoenix. This month is going to fly on by with the holidays in full swing. Christmas is just around the corner.

Don't Forget to bring a new unwrapped toy to the meeting this month for the Toys-For-Tots collection.

Here's what is going on outside our world:

**American Society of Sanitary Engineering (ASSE)**  
([http://www.asse-plumbing.org/chapters/region04\\_il.html](http://www.asse-plumbing.org/chapters/region04_il.html))

### **ASSE Monthly Meeting**

**Date:** Thursday Dec 15, 2016

**Location:** TBD

**Details:** [http://www.asse-plumbing.org/chapters/region04\\_il.html](http://www.asse-plumbing.org/chapters/region04_il.html)

**National Fire Protection Association (NFPA)**  
([www.nfpa.org](http://www.nfpa.org))

### **NFPA training throughout the US:**

**Details:** <http://www.nfpa.org/training-and-events/resources/events-calendar>

### **NFPA FREE Webinar:**

**Quantifying the Impact of Portable Fire Extinguisher Agents on Cultural Resource Materials**  
**Date:** Thursday, Dec 8, 2016 – 12:30 – 2:00 PM (EST)

**Cost:** Free

**Details:** <http://www.nfpa.org/training-and-events/by-type/webinars>

**ESFR Sprinklers and Obstructions - Phase 3 Update**

**Date:** Thursday, Dec 15, 2016 – 12:30 – 2:00 PM (EST)

**Cost:** Free

**Details:** <http://www.nfpa.org/training-and-events/by-type/webinars>

**American Society of Professional Estimators (ASPE)**  
(<http://www.aspechicago.org/>)

### **ASPE Monthly Meeting**

**Date:** 3<sup>rd</sup> Thursday of every month (December 15, 2016)

**Location:** TBD

**Time:** 5 PM Social, 6 PM Dinner, 7 PM Program

**RSVP:** Marvin Fitzwater, [mfitzwater@ccsdifference.com](mailto:mfitzwater@ccsdifference.com)

**USGBC - Illinois Chapter (LEED)**  
(<http://www.usgbc-illinois.org/events/event-calendar/>)

### **Monthly Events**

**Better Late Than Never: Recharge, Renew, Rejuvenate your Existing Building**

**Date:** Friday, December 16, 2016, 11:30 – 1:30 PM

**Location:** Webinar

**Cost:** \$20 members - \$40 non-members

**Details:** <http://www.usgbc-illinois.org/events/event-calendar/>

**Society of Fire Protection Engineers (SFPE)**  
(<http://www.chicagosfpe.org/>)

### **SFPE Chicago Monthly Meeting Holiday Party**

**Date:** December 7, 2016, 12:00 – 2:30 PM

**Location:** Petterino's Banquet Hall, 150 N Dearborn St, Chicago

**Cost:** Members \$40, Non-Members \$42

**Details:** <http://www.chicagosfpe.org/event/2016-holiday-party/>

**Illinois Fire Prevention Association (IFPA)**  
([www.ifpanet.org](http://www.ifpanet.org))

### **IFPA Monthly Meeting**

**Date:** Tuesday January 10, 2017, 7 PM

**Location:** Glendale Lakes Golf Club, 1550 President St, Glendale Heights, IL 60139

**Details:** <http://www.ifpanet.org/Calendar.aspx>

**Illinois Chapter of ASHRAE**  
(<http://www.illinoisashrae.org/>)

### **ASHRAE Monthly Meeting**

**Building Automation System Master Planning**

**Date:** Tuesday January 10, 2017, 5:30 PM

**Location:** Bucca di Beppo, Lombard, IL

**Details:** <http://illinoisashrae.org/calendar.php>

### **ASHRAE Holiday Party**

**Date:** Tuesday December 6, 2016, 4 PM

**Location:** Metropolitan Club, Willis Tower, Chicago, IL

**Details:** <http://illinoisashrae.org/calendar.php>



## **CORRESPONDING SECRETARY: INDUSTRY NEWS CONTINUED...**

Refrigeration Service Engineer's Society (RSES)  
([www.rses.net](http://www.rses.net))

### **RSES Monthly Meeting**

**Date:** No posting for December meeting

**Location:** Call for time & location

**Contact:** 1-800-8970-3635

**Details:** <http://rses.net/>

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{UPDATE} \*\*\*\*\*

### **PAMCANI – UPDATE PAMCAMI IS NOW RUN BY**

\*\*\*\*\***THE PLUMBING COUNCIL & PCA**\*\*\*\*\*

(<http://www.plumbingcouncil.org/>)

The Plumbing Council is continuing the industry-wide calendar listing events throughout the year that can be found here:

<http://www.plumbingcouncil.org/documents-plumbing-council-contractors/piping-industry-calendar>

Or Check out their YouTube Channel [https://](https://www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA)

[www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA](https://www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA)

PCA (Plumbing Contractors Association of Chicago and Cook County)

### **PCA Monthly Meeting**

**Date:** January 10, 2017, 6 PM

**Location:** Maggiano's Restaurant, Oak Brook, IL

**Details:** <http://www.plumbingcouncil.org/pca>

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

([www.ilphcc.com](http://www.ilphcc.com))

### **Continuing Education Class**

**Dates:** Friday January 13, 2017, 1-5 PM

**Location:** Heartland College, Main Campus, 1500 W Raab Rd, Normal, IL 61761

**Cost:** \$50

**Details:** <http://www.ilphcc.com/continuing-education>

National Rural Water Association (NRWA) – Illinois Rural Water Association (IRWA)

(<http://www.nrwa.org/>) (<http://www.ilrwa.org/>)

### **IRWA Monthly Water Training Sessions (DBP Re-**

### **duction /Math / Lead & Copper)**

**Date:** December 13-16, 2016

**Location:** Forsyth, Litchfield, Macomb

**Cost:** Members \$45, Non-members \$65

**Details:** <http://www.ilrwa.org/Training/watertraining.html>

American Water Works Association (AWWA) – Illinois Section

([www.awwa.org](http://www.awwa.org)) – (<http://www.isawwa.org/>)

### **Multiple Items Listed on Event Calendar**

**Dates:** December, 2016

**Location:** Varies

**Details:** [http://www.isawwa.org/events/event\\_list.asp](http://www.isawwa.org/events/event_list.asp)

Wisconsin Healthcare Engineering Association (WHEA)

(<http://www.whea.com/>)

### **Sign up now for their annual “lunch & learn” webinars service (12 per year)**

**Dates:** Monthly, 2016

**Details:** <http://www.whea.com/about-us/calendar/>

**Newsletter:** <http://www.whea.com/media/118555/3rd-quarter-newsletter.pdf>

### **Monthly Meeting**

**Dates:** December 8, 2016

**Details:** <http://www.whea.com/about-us/calendar/>

\*\*\*\* {NEW} \*\*\*\*\* {NEW} \*\*\*\*\* {NEW} \*\*\*\*\*

Water Environment Federation (WEF) Illinois Chapter

(<http://www.iweasite.org/>)

### **Illinois Water Environment Association – Monthly Event**

#### **Government Affairs Conference**

**Dates:** January 20, 2017

**Location:** Marriott Burr Ridge, IL

**Details:** <http://www.memberleap.com/Calendar/moreinfo.php?eventid=2179>

Just a little follow up note. If you know of any association that you feel would be a benefit for ASPE members that I am not including here please let me know.

**Scott Jagodzinski, CPD**

Chicago Chapter Corresponding Secretary

[ASPE.Chicago.CspSec@gmail.com](mailto:ASPE.Chicago.CspSec@gmail.com)