



# Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers  
Vol. 47, No. 5  
December, 2015



## Chicago Chapter General Meeting Thursday December 17, 2015



### La Villa Restaurant

3632 N. Pulaski Road  
Chicago, IL 60641

Plenty of free parking!  
Metra: Old Irving Park Station  
Blue line: Irving Park Station  
then 3 blocks south!

### Booster Night! Holiday Party & Game Night



#### 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
- Little Meatballs
- Focaccia bread
- Shrimp pyramid

Salad with Ranch, French, and  
House Dressings

##### Entrees:

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

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



# Chicago ASPENews



## 2015-2016 Preliminary ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
September 16, 2015	<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 1 thru October 4, 2015	<b>ASPE Technical Symposium, St. Louis, MO.</b>		Hyatt Regency, St. Louis, Mo.
October 15, 2015	<b>Presentation Topic: Thermoplastic Piping Systems by Dianna Molicone with IPEX</b> <b>Mfr Spotlight by Added Sales: High Performance with Low Flow Shower Technology</b>	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
November 19, 2015	<b>Presentation Topic: System Efficiency Tanks (Buffer Tanks) by Mark Kaulas with Bornquist</b> <b>Mfr Spotlight by Viega: MegaPress Fitting Technology</b>	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
December 17, 2015	<b>Chapter Membership Appreciation Booster and Game Night</b>	N/A	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 21, 2016	<b>Laboratory Design by Andy Cornell with Engineered Systems Sales</b> <b>Mfr Spotlight by Kast Marketing. Topic: Ultraflow Systems</b>	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
February 18, 2016	<b>Presentation Topic: Commercial High Purity Water Systems by Brian Soderholm with Water Control</b> <b>Mfr Spotlight by Pentair</b>	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 17, 2016	<b>Presentation Topic: Roof Drainage Business Rethought by Craig Froeter with Froet Industries</b> <b>Mfr Spotlight by Bornquist</b>	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 21, 2016	<b>Presentation Topic: Emergency Fixtures by Speakman</b> <b>Mfr Spotlight by Speakman</b>	0.1	Venuti's 2251 W. Lake Street Addison, IL
May 19, 2016	<b>Presentation Topic: Mixing Valves by Brian Yelton with Inland Sales</b> <b>Mfr Spotlight by Deery Pardue</b>	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 3 thru June 5, 2016	<b>ASPE Region V President's Meeting</b> <b>Hosted by the ASPE Chicago Chapter (Chapter Board Members Event)</b>	N/A	TBD
June 17, 2016	<b>Annual Golf Outing</b>	N/A	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL

If you would like to present any of these topics or become a meeting sponsor, please contact April Ricketts at [ASPE.Chicago.VPTech@gmail.com](mailto:ASPE.Chicago.VPTech@gmail.com)



## **PRESIDENT'S MESSAGE**

Chicago Chapter members,

Merry Christmas and Happy Holidays!

Well the Holidays are here at last! Hope everyone is ready for Christmas!  
Tis the season to give thanks and spread cheer to each other!



## **RECAP FROM LAST MONTHS MEETING**

Thank you to Jeff Gallagher with Viega for his spotlight presentation on "The Benefits, Sizing, and Piping of Megapress fittings and Mark Kaulas with Bornquist on his main presentation "The Benefits, Sizing, and Piping of System Efficiency Tanks, Domestic Hot Water Systems and the benefits of system control and accuracy of the systems.

Also thanks to all the members who brought in Toys for Tots last month.

## **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 hopefully be in attendance at this month's meeting to spread Honor and cheer to all attendee's. WHO WA!!! GOD BLESS TO ALL THE ARMED FORCES WHO PROTECT ARE SHORES!

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**

We will once again have the following games for those who are up to the challenge: Foosball, Air Hockey, Nascar, Ping-Pong, Pool, and Pop-a-Shot Basketball

We are looking for Manufacturer Reps to help Sponsor our booster night games and festivities.

The December meeting is free to all members. Please contact Matt Pardue at (OFFICE) 630-350-7575, (CELL) 630-649-0665, [aspe.chicago.vpaff@gmail.com](mailto:aspe.chicago.vpaff@gmail.com) or myself at [aspe.chicago.president@gmail.com](mailto:aspe.chicago.president@gmail.com) (CELL) 630-901-6446.

Thank you,

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

## **CHAPTER OFFICERS**

### **PRESIDENT**

Mark Mannarelli  
Syska Hennessy Group  
312.450.6308  
[ASPE.Chicago.President@gmail.com](mailto:ASPE.Chicago.President@gmail.com)

### **VICE PRESIDENT TECHNICAL**

April Ricketts, PE, CPD, LEED AP  
CDM Smith  
312.346.5000  
[ASPE.Chicago.VPTech@gmail.com](mailto:ASPE.Chicago.VPTech@gmail.com)

### **VICE PRESIDENT EDUCATION**

Chris Wisinski  
Bornquist Inc.  
773.774.2800  
[ASPE.Chicago.VPE@gmail.com](mailto:ASPE.Chicago.VPE@gmail.com)

### **VICE PRESIDENT LEGISLATIVE**

J. Francisco DeHoyos  
Wight & Company  
312.969.7000  
[aspe.chicago.vpl@gmail.com](mailto:aspe.chicago.vpl@gmail.com)

### **VICE PRESIDENT MEMBERSHIP**

Chris Sbarbaro, PE, CPD, GPD, LEED AP  
Grumman/Butkus  
[ASPE.Chicago.VPM@gmail.com](mailto:ASPE.Chicago.VPM@gmail.com)

### **VICE PRESIDENT AFFILIATE**

Matt Pardue  
Deery-Pardue Associates  
630.350.7575  
[aspe.chicago.vpaff@gmail.com](mailto:aspe.chicago.vpaff@gmail.com)

### **TREASURER**

Sean Allard, CPD  
McGuire Engineers  
312.930.2200  
[sallard@mepcinc.com](mailto:sallard@mepcinc.com)

### **ADMINISTRATIVE SECRETARY**

David J. Erickson Sr.  
Viega LLC  
312.519.5629  
[aspe.chicago.admsec@gmail.com](mailto:aspe.chicago.admsec@gmail.com)

### **CORRESPONDING SECRETARY**

Scott Jagodzinski, CPD  
Cannon Design  
312.960.8396  
[ASPE.Chicago.CspSec@gmail.com](mailto:ASPE.Chicago.CspSec@gmail.com)

### **PRODUCT SHOW CHAIRMAN**

Mark Nasuta  
Deery-Pardue  
[mnasuta@deery-pardue.com](mailto:mnasuta@deery-pardue.com)

### **ASPE CHICAGO JOBS PROGRAM COORDINATOR**

TBD

### **GOLF OUTING CHAIRMAN**

Steve Triphahn  
W-T Engineering, Inc.  
224.293.6301  
[steve.triphahn@wtengineering.com](mailto:steve.triphahn@wtengineering.com)

### **HISTORIAN**

Donald Johnson

### **NEWSLETTER EDITOR, WEBMASTER**

Jeff Gallagher, P.E.  
Viega, LLC  
224.407.1813  
[ASPE.Chicago.nle@gmail.com](mailto:ASPE.Chicago.nle@gmail.com)

### **AYP LIAISON**

Emily Smith, LEED AP BD+C  
Primera Engineers, Ltd.  
[ASPE.Chicago.AYP@gmail.com](mailto:ASPE.Chicago.AYP@gmail.com)

### **WEBSITE**

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

### **FACEBOOK**

<http://www.facebook.com/au.chicagochapter>

<https://www.facebook.com/groups/ASPE.Chicago/>

### **LINKEDIN**

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



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

December Greetings,

Thanks to all of you who joined us at our November meeting in Greektown. In addition to all of the wonderful toys collected for Toys for Tots, we also had a great Manufacturer's spotlight session by Viega as well as an informative presentation by Mark Kaulas with Bornquist on System Efficiency Tanks. Our December Chapter Meeting will be our annual Membership Appreciation Booster and Game Night. Our next General Meeting will be on January 21<sup>st</sup>.

We are still looking for sponsors for the Chapter Meeting Cocktail hour/network time, so let me know if you are interested. We have spots left at our January, February, and March meetings.

On the technical front...we are currently looking for volunteers to help update Volume 4 of the ASPE Plumbing Engineering Design Handbook "Plumbing Components and Equipment". This is a large undertaking, but should be a fun and rewarding experience. Volume 4 includes the following Chapters:

- Plumbing Fixtures
- Piping Systems
- Valves
- Pumps
- Piping Insulation
- Hangers and Supports
- Vibration Isolation
- Grease Interceptors
- Cross-Connection Control
- Water Treatment
- Thermal Expansion
- Potable Water Coolers and Central Water Systems
- Bioremediation Pretreatment Systems
- Green Plumbing

Reviewers will be looking for outdated text that needs to be removed or updated, new information/technologies/ techniques that should be added, figures that need to be removed or updated, figures that could be added, and tables that need to be removed or updated. If you are interested in serving as the Committee Chair or just helping out on the committee, please contact me as soon as possible.

Lastly, I now have an alternate email address. The new email address is [ASPE.Chicago.VPTech@gmail.com](mailto:ASPE.Chicago.VPTech@gmail.com) (but I will still respond if you use my work email address, too).

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

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

Chapter Vice President Technical

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

312-346-5000







## **VICE PRESIDENT, LEGISLATIVE**

Happy Holidays Chicago Chapter. Amendments to the Chicago Plumbing Code. (Noted changes are underlined and in light blue.) I only sited the most relevant issues, review the sited code section for the rest of the information.

### **11-12-210**

Water meters shall be requires on all service pipes to all new buildings and on any new services to existing buildings in the City of Chicago, and shall be installed at the time the building is connected to the city's water system.

### **11-12-230** Design, type and size of meters and other appurtenances and maintenance.

Each water meter, connected to the Chicago Waterworks System shall be of a type, design and size recommended by the commissioner, and approved by the city council.

Except as otherwise specified in this Code, all meters or detecting devices, including vaults, whenever required. Installed on any pipeline greater than one inch in diameter to be used for domestic water service, or on any pipeline to be used for combination water services, shall be constructed, installed and maintained by and at the expense of the owner or consumer.

### **11-12-290** Temporary use of water from a hydrant.

Persons requiring temporary use of water from a City fire hydrant shall apply to the commissioner for permission, stating in a signed, dated application. When a fire hydrant is used to provide water for construction or for filling a truck, a street sweeper, a street sprinkler or a tanker, the amount charged for the water shall be \$83.78 per day. The person seeking temporary water use shall pay the pertinent amount in advance to the Department of Finance. When in the commissioner's judgment the anticipated use will exceed 1,000 cubic feet a day or continue for an extended period, additional charges will apply.

### **11-16-20** Care of sewers, sewer structures and drains.

(1) The city shall be responsible for repairs to the public sewer.

(2) The property owner shall be responsible for repairs to the building drain.

(Building drain (or House drain) extends 60 inches beyond the walls of the building, at that point it conveys to the drainage into building sewer.

(A) The property owner shall be responsible for repairs to the part of the building sewer located on private property.

(B) The department shall be responsible for repairs to the part of the building sewer located on public property, unless:

(i) The property owner, intentionally or negligently, failed to maintain the building sewer free from obstruction or otherwise caused the damage necessitating repairs;

(ii) The conditions necessitating repairs occurred within three years of a new connection to the public sewer;

(iii) The building sewer was reused without the approval required by Sections 11-16-021, 18-29-301.3 and 18-29-703.4.1 of this Code; or

(iv) The building is vacant, as that term is defined in Section 13-12-125 of this Code, for more than 30 days.

If any one or more of exceptions (i) through (iv) apply, the property owner shall be responsible for repairs to all parts of the building sewer.

(g) New or relocated sewer connections. The property owner shall be responsible for the cost of installing any new or relocated sewer connection to the public sewer, unless the commissioner confirms that the installation is necessary to avoid utility conflicts or other obstructions in the provision of utility services.

### **18-29-603.2.1** Water supply systems installed near a sewer structure.

#### **(1) Lateral separation:**

A water supply system shall be protected from a sewer structure, as follows: (1) Lateral separation:

A water supply system shall be separated at least ten feet laterally from any existing or proposed sewer structure, except when:

(A) Local conditions prevent a lateral separation of ten feet.

(B) The water supply system invert is at least 18 inches above the crown of the sewer structure.

(C) The water supply system is either in a separate trench or in the same trench on an undisturbed earth shelf located to one side of the sewer structure.

*Continued on next page...*

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

(2) Vertical separation:

(A) A water supply system invert shall be laid 18 inches above the sewer crown structure whenever a water supply system crosses a sewer structure. The vertical separation shall be maintained for that portion of the water supply system located laterally within ten feet of a sewer structure.

(B) A vertical separation of 18 inches shall be maintained between the invert of the sewer structure and the crown of the water supply system where a water supply system crosses under a sewer structure. In addition, support must be provided to the sewer structure to prevent it from settling and breaking the water supply system. Construction shall be extended on each side of the crossing until the lateral distance from the water supply system to the sewer structure is at least ten feet.

(C) Both the water supply system and the sewer structure shall be constructed of cast-iron pipe hub and spigot, ductile iron pipe, or copper or copper-alloy tubing, listed in Table 18-29-702.3 when:

(i) It is impossible to obtain proper lateral separation as described in subsection (b)(1) above; or

(ii) It is impossible to obtain proper vertical separation as described in subsection (b)(2) above; or

(iii) The water supply system passes under a sewer structure.

(d) Special conditions - Alternate proposals shall be presented to the commissioner of water management when extreme topographical, geological or existing structural conditions make compliance with subsection (b) of this section technically and economically impossible. The commissioner may approve such a proposal if in his determination it is watertight construction and structurally equivalent to an approved water main material.

(E) Water supply systems shall be separated by a minimum of 25 feet laterally from septic tanks, disposal fields and seepage beds.

(I) Water supply systems shall be protected against entrance of hydrocarbons through diffusion from any material used in the construction of the line.

### **18-29-1003.3.4 Construction materials.**

All grease interceptors, [separators](#) and catch basins located within buildings shall be constructed of precast concrete, concrete with the bottom, sides and baffles poured monolithically, heavy cast-iron or equally durable metal, [fiberglass or high-density polyethylene](#), and shall be vented as provided with a gas tight metal cover, securely fastened.

### **18-29-1003.3.8 Efficiency of interceptors.**

Interceptors shall conform to PDI G 101 [or ASME 112.14.3](#), and shall be installed in accordance with the manufacturer's instructions.

### **18-29-1003.4 Grease catch basins outside.**

A grease catch basin located outside a building shall be of [heavy cast iron or equally durable metal, approved fiberglass or high-density polyethylene](#), concrete, precast in blocks or monolithic or a brick construction with the block or brick laid up in Portland cement mortar ----.

### **18-29-1003.6 Volatile waste separator.**

Gasoline, benzene, naphtha, and other volatile, flammable or explosive wastes shall not discharge into a house sewer, public sewer, or sewage treatment plant. Such wastes shall be intercepted in approved triple basins having a liquid retention of not less than 2 cubic feet each, (0.19 m<sup>3</sup>) and the volatile, flammable or explosive constituents removed. [The installer of the triple basins and the owner of the property shall ensure that such triple basins are installed and operated in accordance with the manufacturer's instructions.](#) Every system of basins within buildings shall be constructed of [approved fiberglass, a high-density polyethylene](#), extra heavy cast iron or equally durable material. ----.

### **18-29-1003.13 Access and maintenance of interceptors and separators.**

Access shall be provided to each interceptor and separator for service and maintenance. Interceptors and separators shall be maintained by periodic removal of accumulated grease, scum, oil, or other floating substances and solids deposited in the interceptors or separators as [often as necessary to ensure efficient operation. Each owner shall keep a written record of all maintenance of the interceptor or separator for the life of the unit, or for a period of five years, whichever is longer.](#) Such record of maintenance shall be made available for review by the department of buildings and the department of water management or their duly authorized representatives. The written record of maintenance shall also be transmitted to the department of buildings or the department of water management, as prescribed by the department, upon request.

*Continued on next page...*

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

### **18-29-1101.2.1** Roof drainage and downspouts.

If there is a conflict between this section and a site's storm water management plan approved by the department of water management, the storm water management plan shall prevail.

### **18-29-1102.5** Subsoil drain pipe.

### **18-29-1102.5** Roof drainage and downspouts.

Subsoil drains shall be open-jointed, horizontally split or perforated pipe conforming to one of the standards listed in Table 18-29-1102.5, except corrugated pipe is not allowed and the polyvinyl chloride (PVC) used for subsurface soil drainage in stormwater management shall be as stipulated in the latest edition of the "Reputations for Sewer Construction and Stormwater Management" of the department of water management.

### **18-29-1111.3.2** Construction.

Except as otherwise approved by the department of water management, a sump pit shall not be less than 18 inches (457 mm) in diameter, and 30 inches (762 mm) deep, and shall be constructed of approve fiberglass, vitrified clay, tile, cast iron, steel, reinforced concrete or other approved material, with a removable cover adequate to support anticipated loads in area of use. Approved plastic or fiberglass liners may be used in connection with any of the above. The pit floor or cover shall provide permanent support for the pump.

Have a Happy new Year !!!

### **J. Francisco DeHoyos, Vice President, Legislative**

ASPE Chicago Regional Chapter,

ASPE Region 5 Liaison,

ASPE Society Education committee Chairman.

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



## **VICE PRESIDENT, MEMBERSHIP**

Greetings ASPE folks!

Well the holiday season is fully upon us. Christmas shopping for the loved ones, holiday parties and of course ASPE Booster Night! Why not get a colleague to come see the fun side of ASPE at Booster night?! A great time to kick back a few cold ones and enjoy the company of fellow ASPE members and affiliates!!! This is one of the more social events we have during the year and a great time to network.

I would like to introduce some new Chicago ASPE members:

Aaron Lenchner of Ghafari Associates

Brett Anderson of Ewing-Doherty Mechanical Inc.

Larry McElheny of Archer Consulting Engineers

Rishi Shah of Environmental Systems Design, Inc.

Brian Salem of Acorn Engineering (member since July)

Basil Damukaitis of Beacon Medaes

Hunter Johnson of Symmons Industries Inc.

I want to thank Mike Castellano of Ghafari for bringing in our newest ASPE member Aaron Lenchner. Both Mike and Aaron received a FREE dinner at last Month's meeting utilizing the "Bring a New Member and Get a Free Dinner Program". This is open to all ASPE Chicago members in good standing - Don't forget about this perk folks!

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.

### **Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C, Vice President, Membership**

Chicago Regional Chapter,

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



## **ADMINISTRATIVE SECRETARY**

Greetings Members,

Here we are going into December, another year has come and gone, what do you have in store for 2016? Any New Year's Resolutions yet?

If you missed the November meeting it was at Athena Restaurant in Chicago where we had over 55 guests and our 50/50 raffle was for Toys for Tots; \$110 will go to buying additional gifts from what our members have started to bring in and the other \$110 went to Tony Dauginas of McGuire Engineering. The lucky winner of the RSVP Raffle was Luciano Sayoko Kayo at Willoughby Engineering.

I look forward to seeing you at our next meeting that will be held at La Villa Restaurant for the Annual Booster Night.

Season's Greetings!

**David Erickson-Administrative Secretary**

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

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## **AYP LIAISON**

December Newsletter:

Tis the season to celebrate the great company of friends and family, but also the season for the last minute rush to get those projects off our desks and onto another so we may enjoy our time. While you are all working hard, remember to reward yourselves and take a break. Come celebrate the season with the AYP group and Guardian/WaterSaver with a tour of the Guardian/WaterSaver facilities. A facility tour may seem like education in disguise, which it is, but it is rewarding for the mind. Experience is what molds us into the great engineers we definitely are. On December 10 at 5:30 p.m. the WaterSaver and Guardian plants will be toured with an info session and dinner following. This opportunity is open to all engineers of the Chicago ASPE community, as learning does not stop once you are over 35. We are limiting this tour to engineers only as a courtesy to the affiliate sponsor for the evening. Please RSVP to this event by December 1, 2015 to [ASPE.Chicago.AYP@gmail.com](mailto:ASPE.Chicago.AYP@gmail.com).

Have a Festive end of the year season and looking forward to seeing everyone at the AYP event!

**Emily Smith, Chicago Chapter AYP Liaison**

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





## **CORRESPONDING SECRETARY: INDUSTRY NEWS**

Hello members,

What a great time to be an ASPE Member, there are so many wonderful opportunities to get out and learn something new or even teach someone else something new. We are in the middle of another holiday season. Holiday decorations are going up. Our annual Booster Night holiday party is just around the bend. The new 2016 Calendars are nearly complete and should be a nice treat for the New

Year.

This month I am covering USGBC – LEED

LEED Accreditations are becoming more and more a requirement rather than a recommendation.

With the changing requirements not to mention historic drought conditions in California our world is forced to create new designs with less. More focus is being put on us to think about conservation of water and more creative measures for energy savings, we need to be prepared for new challenges and new standards.

### **USGBC Mission:**

To transform the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life.

### **USGBC History:**

In 1993, Rick Fedrizzi, David Gottfried and Mike Italiano established the U.S. Green Building Council. Their mission: to promote sustainability in the building and construction industry.

That April, representatives from approximately 60 firms and a few nonprofit organizations met in the boardroom of the American Institute of Architects for the council's founding meeting. It was there that ideas were first aired for an open and balanced coalition spanning the entire building industry and a green building rating system.

Today, USGBC's constituency includes builders and environmentalists, corporations and nonprofits, elected officials and concerned citizens, and teachers and students. Since it's unveiling in March 2000, the LEED (Leadership in Energy and Environmental Design) green building certification system has singled out commercial, institutional and residential projects noteworthy for their stellar environmental and health performance in both the United States and abroad.

Currently LEED is on version 4. Each version builds upon the prior one with fine tuning the requirements to promote a more sustainable building process.

To learn more or to register to get your LEED Accreditation go to their website and see for yourself.

<http://www.usgbc.org/credentials>

### **American Society of Plumbing Engineers (ASPE)**

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

#### **Chicago Monthly Meeting – BOOSTER NIGHT**

Date: Thursday, December 17 – 5:30 PM

Location: La Villa, 3632 North Pulaski Rd.

Chicago, IL

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

#### **Engineering Week**

Date: February 21-27, 2016

Details: <http://www.discovere.org/our-programs/engineers-week>

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

(<http://www.asse-plumbing.org/index.html>)

Nothing scheduled at the time of this writing

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

([www.nfpa.org](http://www.nfpa.org))

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

Details: <http://www.nfpa.org/training/events%20calendar.aspx>

#### **NFPA FREE Webinar:**

**Obstructions and ESFR Sprinklers: Experimental Results**

Date: Tuesday, December 15 – 12:30 – 2:00 PM (EST)

Cost: Free

Details: <http://catalog.nfpa.org/Obstructions-and-ESFR-Sprinklers-Experimental-Results-Webinar-P15755.aspx>

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

### **USGBC - Illinois Chapter (LEED)**

(<http://www.usgbc-illinois.org/events/event-calendar/>)

#### **Building on the Best – co-event with AIA**

Dates: Tuesday December 8, 2015

Location: IIT Chicago – Kent College of Law,  
565 W Adams St, Chicago, IL 60661

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

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

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

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

Dates: Wednesday December 9, 2015, 6:00 – 9:00 PM

Location: Maggianos in Oak Brook; 240 Oakbrook Ctr,  
Oak Brook, IL

Details: <http://www.chicagosfpe.org/newsletter/chapternews.htm>

#### **IIT is now offering courses in Fire Protection Engineering**

Details: <http://www.chicagosfpe.org/newsletter/aroundtown.htm>

### **Illinois Fire Prevention Association (IFPA)**

([www.ifpanet.org](http://www.ifpanet.org))

#### **IFPA Monthly Meeting**

No meeting scheduled in December

### **Illinois Chapter of ASHRAE**

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

#### **ASHRAE Monthly Meeting – Holiday Party**

Date: Tuesday December 8, 2015; 4:00 PM

Location: Metropolitan Club of Chicago, Oak Room,  
Willis Tower, 66th Floor; 233 S Wacker Drive, Chicago, IL

Details: <http://illinoisashrae.org/calendar.php?date=0-12-2015>

### **Refrigeration Service Engineer's Society (RSes)**

([www.rses.net](http://www.rses.net))

#### **RSes Monthly Meeting**

Date: 2<sup>nd</sup> Tuesday of Every Month: 7:00 PM

Location: TBD – Call 1 (800) 870-3635 for details.

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

### **PAMCANI**

([www.pamcani.org](http://www.pamcani.org))

PAMCANI has developed an industry-wide calendar listing events throughout the year that can be found here: <http://www.calendarwiz.com/calendars/calendar.php?crd=pic&op=cal&month=11&year=2015>

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

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

#### **Continuing Education Class**

No classes scheduled for December

Details: <http://www.ilphcc.com/events>

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

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

No meetings or events in December scheduled at the time of this writing

#### **Annual Technical Conference**

Dates: February 16-18, 2016

Location: Holiday Inn/ Keller Convention Center, Effingham, IL

Details: <http://www.ilrwa.org/ATC.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, 2015

Location: Varies

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

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

### **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/>

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 – Chapter Corresponding Secretary**

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