Please join us for our next two events:

2nd Annual Summer Family Picnic
Saturday, August 10th
11am—4pm
Schiller Woods Forest Preserve, Grove #12

Chicago Chapter Product Show & Technical Seminars
Thursday, September 26th
12pm—8pm
White Eagle, Niles, IL

Local chapters are not authorized to speak for the Society
PRESIDENT’S MESSAGE

I hope everyone is enjoying their summer so far. Thank you all again for entrusting me to be your new President of the Chicago Regional Chapter of ASPE for 2013-2014. The new Board of Directors is adjusting well, and they look forward to working for you throughout the year. Here are a few items of discussion:

Golf Outing
Great attendance! Great weather! Great times had by all! Thanks again to Steve Triphahn for organizing another great outing, and a special thank you to all the sponsors that make events like this happen!

ASPE Region 5 President’s Meeting
The ASPE Region 5 President's Meeting was recently held in Milwaukee, WI. Jill Dirksen, Mark Mannarelli and I attended. Kelvin Kennedy our Region 5 Director conducted the meeting. I think we are in for some nice changes to the ASPE Society in the near future.

By the way, we came out of the meeting with a "Region Director’s Award" for starting up a new student chapter and our donations to several organizations through our 50/50 raffle. This is our award and thanks to all who made it happen.

Summer Family Picnic
It’s coming up; please refer to the articles inside the newsletter for more details.

Symposium

This year’s Symposium will be back in beautiful Orlando, September 19-22, 2013. Final Reminder: We will be drawing a few names for free trips down to the Symposium. If you are interested please forward me a brief description of why you should attend. The Board will be selecting the participants next week so get them in.

Go to www.aspe.org/2013tech for more information!

We want you back
There is a promotion from ASPE society looking for old members come back and join. See the add on the next page. If you know any old members please let them know.

Product Show—NEW DATE: September 26, 2013
Please refer to Phill Kroll’s article in the newsletter for details.

See you all at the Picnic!

Rick Butler, President
rbutler@lochinvar.com; 224 238.8515
The second annual ASPE Chicago Chapter pig roast is scheduled for Saturday, August 10, 2013 from 11AM until 4PM.

The fun will take place at the Schiller Woods East Grove #12, located at Cumberland Avenue and Irving Park Road in Chicago (across the field from last year’s event).

This event is free and open to ASPE members and their families as a thank you for all the support, hard work, and overall success everyone has put towards the chapter.

There will be plenty of food and beverages. Activities include a bounce house, homebrew competition, bags and much more. Please remember to bring chairs, blankets and any outdoor game you would like to play or compete against an ASPE member for bragging rights.

If you are interested in entering your beer in the homebrew tasting contest, please contact Frank Sanchez (FSanchez@grummanbutkus.com).

If you or your company is interested in helping sponsor this event, please contact Nevo Martelli (nevomartelli@comcast.net) or John Nieman (jnieman@esdglobal.com).

Members should RSVP to John Nieman to give us a predetermined guest count for ordering of all necessary food and beverages. And, if you have any questions or would like any additional information, please contact John.

Come on out to network and have fun while meeting your colleagues’ families!

**This event is FREE to members**
First I would like to say it has been a very wet summer and I hope all are staying dry.

**New ASPE Logo**
The change has begun and ASPE has changed their logo.

ASPE is making great strides to make the society the best in the industry and one way is the introduction of the new ASPE logo

**Reminder: The first meeting is the Product Show**
Mark your calendars for our first meeting of 2013: the Product Show will be Thursday, September 26th, 2013 at White Eagle Banquets, Niles, IL and will kick off the 2013 year. This will be the first time we have ever hosted the product show in September. Please inform members, non-members, plumbers, architects, contractors and anyone who can benefit from the outstanding programs presented this year.

**2013-1014 Meetings**
The venues have been set but I would like the members to give me input or feedback with topics you would like to learn about or brush up on your knowledge to make our monthly meetings the best yet. The board is working hard to give you the best topics at our meetings but we need your input.

Please feel free to contact me with suggestions for this year’s monthly meeting topics or if you would like to be a presenter.

Members, remember to visit the ASPE Chicago Chapter website below for all upcoming and future events.


**Mark G. Mannarelli, Vice President, Technical**
mmannarelli@dbHMS.com
THE CHICAGO CHAPTER OF
THE AMERICAN SOCIETY OF
PLUMBING ENGINEERS
PROUDLY PRESENTS:

- All the local plumbing industry under one roof
- Obtain CEU’s attending the Technical Presentations
- Meet the people behind the products we specify everyday
- Free thumb drive with revit families, cad blocks, product specifications, installation diagrams, & details from all the floor exhibitors for all the people attending the show

DATE: SEPTEMBER 26, 2013
SEMINARS: From 12:00 PM to 3:30 PM
PRODUCT SHOW: From 3:30 PM to 8:00 PM

VENUE: WHITE EAGLE BANQUETS & RESTAURANT
6839 NORTH MILWAUKEE AVE, NILES, IL 60714
Greetings Chicago Chapter Members! I am Francisco DeHoyos, your former chapter Administrative Secretary. Now that Mark Mannarelli is taking over the chapter technical department, I will be taking over the legislative. I am hoping to do as good of a job as Mark did for the last couple years.

I would like to start by reminding everybody of the tools available for you use at the ASPE website. There you can find Calculations, Articles, Codes, information about coming event and much more. One of the most useful pages is the state list of codes. That covers all the United States of America and some specific city plumbing codes. [http://aspe.org/StateListofCodes](http://aspe.org/StateListofCodes). The 2013 IPC, 2013 State of Illinois Plumbing code, and NFPA 13 new codes are coming out, hopefully before the fall season is over. The ASPE Legislative committees are currently reviewing, analyzing, commenting, and voting, on the upcoming proposed changes.

A couple weeks ago I heard about an engineer that did not know that the State of Illinois allows 2" diameter waste pipe for an underground application. Most of the projects done by the members of our chapter are done in the City of Chicago, where it is required to use a 4" diameter minimum size for drainage piping, with the exception of a floor drain, which is 3" diameter as long it is only draining one single floor drain; and in a constant effort to avoid comments from city officials we tend to oversize everything. Just remember that 2" diameter underground drainage line will be good for that couple of isolated sinks located at the other end of the building, away from the other 30 plumbing fixtures that are all grouped together. It never fails.

Here is that section of the code:


PART 890 ILLINOIS PLUMBING CODE

SECTION 890.1340 DETERMINATION OF SIZES FOR DRAINAGE SYSTEM

Section 890.1340 Determination of Sizes for Drainage System

a) Maximum Fixture Unit Load. The maximum number of drainage fixture units that may be connected to a given size of building drain, horizontal branch, or vertical soil or waste stack is given in Appendix A: Tables G and H.

b) Minimum Size of Building Drain, Horizontal Branches, Drainage Piping

1) The minimum size of any gravity building drain shall be four (4) inches in diameter.
2) Pressure building drains shall not be used where gravity drains may be installed. Pressure building drains shall be sized in accordance with the ejector pump manufacturer’s recommendation but shall not be less than 2" in diameter.
3) Gravity drained horizontal branches of the building drain shall be sized in accordance with Appendix A, Table H.
4) No portion of the drainage system installed underground or below a basement or cellar shall be less than two (2) inches in diameter.
5) The drainage piping shall not be reduced in size in the direction of flow.

c) Minimum Size of Soil and Waste Stacks. No soil or waste stack shall be smaller than the largest horizontal branch connected thereto except that a four 4”x 3” inch water closet connection shall not be considered as a reduction in pipe size.

d) Waste Stacks Serving Kitchen Sinks. In 1 or 2 family dwellings in which the waste stack or vent receives the discharge of a kitchen-type sink and also serves as a vent for fixtures connected to the horizontal portion of the branch served by the waste stack, the minimum size of the waste stack up to the highest sink branch connection shall be 2” in diameter. Above that point the size of the stack shall be governed by the total number of drainage fixture units vented by the stack.

e) Future Fixtures. When provision is made for the future installation of fixtures, those provided for shall be considered in determining the required size of drain pipes and vent piping during initial construction. Piping provided for such future installation of fixtures shall be terminated with a plugged fitting or fittings at the stack so as to form no dead ends. In a multi-story building, when openings are roughed in for future fixtures below the uppermost level, properly sized vent piping shall be connected to the vent system and carried down to the appropriate lower level and be capped or plugged in an accessible location for venting of the future fixtures.

J. Francisco DeHoyos, Vice President, Legislative
FDeHoyos@dbhms.com; 773.732.1150
SUMMER GREETINGS!

Another ASPE year is upon us…new Chapter Board…new ASPE logo…same crazy weather (smile). I would like to take this opportunity to introduce myself, for those of you who I have not met yet. My name is April Ricketts and I am the incoming Vice President of Membership for the ASPE Chicago Regional Chapter. I moved to the Chicago area last year from Phoenix, where I served on the ASPE Phoenix Chapter’s board for a few years and also had the honor of being a past Chapter President there. Last year I volunteered for the Chicago Chapter’s membership committee, and I liked it so much that I decided to run for a Board position.

As VP Membership, some of my responsibilities will be reach out to the Chicago area membership, keep the Chapter’s contact roster up-to-date, and work on recruiting new members. I will work with the new Board to come up with some fun membership appreciation/recruitment activities, so if you have any thoughts or suggestions, please let me know. Likewise, if your address, email or phone number has recently changed, please forward that to me and I will update our chapter roster and pass on the updates to Society.

Also, if you are currently not a member, I can help you with any questions you might have on the different membership grades, filling out your application, and such. I will even mail out your application to Society.

I am looking forward to meeting you at our Summer Family Picnic and our September Chapter Product Show.

Until next time…
April Ricketts, PE, CPD, LEED AP BD+C, Vice President Membership
rickettsa@cdmsmith.com: 312.346.5000

Greetings ASPE members!

David Erickson here. Your newly elected ASPE Chicago Chapter Administrative Secretary. I have been working in the Plumbing Industry for over 30 years: 3 1/2 years as a plumber, 19 years in plumbing wholesale and 11 years manufactures factory direct. I have been a member of ASPE for over 4 years. I am currently working for Symmons Industries in Chicago as a Senior Business Development Manager. I credit the quality of my work ethic to my Dad and have relied on his advice for life… “enjoy your job and you will enjoy your life”.

I have great admiration for the work done by my predecessor, Francisco DeHoyos, and hope to maintain the bar in which Francisco has set for all Chicago Chapter Board Members. I look forward to providing great things for our Chicago Chapter. I will do my best to serve on your board in a positive and effective manner to keep the Chicago Chapter ranked as one the best in the country.

I will be the one sending you newsletters for the next two years—so, please make sure to add my email address to your approved sender list.

David J. Erickson Sr., Administrative Secretary
derickson@symmons.com: 847.287.0922
WOW, WOW! What a great golf outing! The weather was one of the best ever. Not to mention a record amount of golfers. A huge thank you for your attendance—I hope all had fun.

A super huge thanks to the Sponsors which also broke all records for their participation and contributions. I would strongly encourage our members to appreciate our sponsors and think about them when it comes to specification and project selection time. Without them these events would not be possible.

Steve another great job. Great prizes great venue. You the man.

Well everybody now that I have your undivided attention. Time for the next event. Yes you guessed it the ASPE Picnic. So for now mark August 10th a Saturday on your calendars. Yes please be advised you can bring your wives, children, pets and others. ASPE will have more info in the up and coming weeks.

We will be looking for your participation however you can assist in just your attendance, sponsorship, or assistance with the picnic. John Nieman is the Picnic Chairman you can contact him with any questions or myself. So for now please mark your calendars. I will try to work on the weather. LOL.

**Product Show:**
Our last Product Show meeting was on July 11th. Booth response and request for space has been the best ever. Suggest getting your application and payment in ASAP.

Product Show committee looking for good seminars before the show. Topics such as: Engineering with examples and real calculations of how to, Green and Energy Related subjects, speakers who know their topic and can keep a class interested for a minimum of an hour.

**The Manufacturer’s Corner:**
Engineers often say to reps, “Why do I need a manufacturer’s rep when I can find whatever I need on the internet?” Below are just some of the reasons:

- Getting a manufacturer's or rep's input on a spec is beneficial.
  - They might be able to help clean the specifications up, make them more accurate and perhaps more meaningful and easier to bid.
  - The reps have the experience of looking at really good specs (and others that are not so good).
  - They may discover your specs are old, out of date and even incorrect references and on some occasions inclusion of companies who have been out of business for years.
  - A clear and accurate spec will save an engineer time (money) and will also help them avoid potential liability (time & money).
  - Most engineers are so busy and stretched thinly that they don't have time to work on their specs anymore.
- A good rep will share info about updates, new technologies, tools, trends and requirements in the industry.
- We are obviously paid to promote our products but we are also paid to mitigate liability (for everyone) by making sure our products aren't used incorrectly.
- Finally, a good rep will be able to provide expertise to the engineer if his or her product is a good fit or even NOT a good fit for the project and make quality recommendations.

I would like to give a special thanks to my source. You know who you are and all my sources shall remain anonymous.

Thanks.

*Nevo Martelli, Vice President, Affiliate*

nevomartelli@comcast.net
CHICAGO CHAPTER PRODUCT SHOW NEWS

The Product Show Committee has been working hard at getting things together in the past two months. In fact on July 11th we had one of our most productive and enjoyable meetings of the Product Show Committee.

Earlier this month invitations/applications for booths were sent out to all our affiliates by email. If you can fill out the information and return the application with a check as soon as possible, it would be greatly appreciated. Please check your email and call me if you did not receive one. I will be calling you in August, if you don’t respond…

Currently we are working on new advertising and planning the class schedule and topics. We have a few class ideas and need a couple more good ones to fill up the schedule. Nevo has sent out an e-mail looking for any affiliates who can help out with providing quality presenters. We are looking for some good engineering topics with some "meat" and math to them. So if you have an idea for a class topic or a presenter, please contact me via the contact information below.

Please mark your calendars:

42nd ANNUAL ASPE CHICAGO CHAPTER PRODUCT SHOW
White Eagle Banquets, Niles, IL
**Thursday, September 26th, 2013**

If you have any ideas please call or drop me an email. Or come to the next Product Show Meeting.

Next Product Show Meetings
Date: Thursdays, August 1st and August 22nd.
Time: 6:00 PM
Location: Lochinvar Facility, 801 Chase Ave, Unit E, Elk Grove Village, IL

Please RSVP if you plan to attend.

Phill Kroll, CPD, ASPE Chicago Chapter Product Show Chairman
224.629.4444  Ext: 213
Pkroll@metrodgn.com

In Remembrance of Gene Weil, long time ASPE Member

Eugene David Weil, 95, peacefully passed away Sunday, July 14, 2013 at the Veterans Affairs hospital in Palo Alto, California. Gene was born February 27, 1918 to Jacob and Rae (Greenwald) Weil in Chicago, Illinois. He graduated from Sullivan High School in 1936, and studied at the University of Illinois as well as DePaul University in Chicago. Gene joined the Illinois National Guard in 1941, and was inducted into the US Army where he served until 1945 as a medic. After moving to Los Angeles, California in 1949, he met Marion Kramer, and they married in 1951.

In 1961 Gene changed occupations. He began a long career in the pump industry working for his three uncles, who owned Weil Pump Company. He opened a factory office in Los Angeles, Weil Pump Company of California. He broke away from Weil Pump in 1964, and ran an independent representative agency (now Weil Aquatronics) for more than 20 years until his retirement in 1984. Gene loved to spend time with his family and friends. He was actively involved in B’nai B’rith, the American Society of Plumbing Engineers (ASPE), and after retiring volunteered his time at the local senior center.

Gene is survived by his son, James (Susan) Weil, and daughter, Helene Weil; grandchildren, Anya Shulman, Valerie and Ondrej Weil; sister Dorothy Manolson; and numerous nieces and nephews. Gene was preceded in death by his wife Marion.

Funeral services were held on Sunday, July 21, 2013. In lieu of flowers, memorials may be made to the American Cancer Society or Wounded Warrior Project.

Our thoughts and prayers go out to Gene’s family and friends.
The 2013 Symposium will not only be the best Technical Symposium EVARRR, but it will ALSO offer:

- Green Plumbing Designer (GPD) Training and Certification!
- CPD Examination!
- And of course Disney stuff!

We had a great symposium in Orlando in 2011 and now we are doing a repeat, with extra benefits!

I don’t care so much about the Disney stuff but, this is the first opportunity for you to take advantage of the NEW Green Plumbing Designer certification! It is a joint venture between IAPMO and ASPE. You can take the 1.5 days of training, then take the exam, in Orlando, to become certified! This is an awesome opportunity for you to show that you are trained and can apply the latest methods and design strategies to provide the most sustainable plumbing systems possible for your clients. To qualify for our GPD, you need to be a CPD or PE. Besides just “being certified”, you will actually learn how to fulfill the expectations of a GPD. Hey— it’s a lot more than just specifying low flow fixtures. The program has been designed with the proposed goal of introducing green plumbing theory and concepts to plumbing designers. This program has been designed according to the ANSI adopted standard ASTM E2659.

You think you know GREEN? Prove it! Get CERTIFIED! Be the first!

Thanks for reading.

Lil’ Greenman, CPD LEED-AP BD+C, ARCSA-AP
Mystery Member
ASPE Chicago Chapter
Hello everyone and let me say thanks for the opportunity to get involved with the Chicago ASPE board. For those who don't know me I am a Plumbing & Fire Protection Engineer at Cannon Design.

**American Society of Plumbing Engineers (ASPE)**  
*2nd Annual ASPE Summer Family Picnic*  
- **Date:** Saturday, August 10  
- **Time:** 11:00 - 4:00 p.m.  
- **Location:** Schiller Woods, Groove #12  

*42nd Annual ASPE Chicago Product Show*  
- **Date:** Thursday, September 26, 2013  
- **Location:** White Eagle Banquets, 6839 N Milwaukee Ave, Niles, IL 60714

**American Society of Sanitary Engineering (ASSE)**  
*2013 Annual Meeting*  
- **Dates:** November 5-9, 2013  
- **Location:** Disney's Paradise Pier Hotel, Anaheim, CA  

**National Fire Protection Association (NFPA)**  
[www.nfpa.org](http://www.nfpa.org)  
*NFPA Training throughout the US.*  
[http://www.nfpa.org/itemDetail.asp?%09categoryID=943&itemID=22735&URL=Training/Events%20calendar](http://www.nfpa.org/itemDetail.asp?%09categoryID=943&itemID=22735&URL=Training/Events%20calendar)

**Society of Fire Protection Engineers (SFPE)**  
[http://www.chicagosfpe.org](http://www.chicagosfpe.org)  
No events until September.

**Illinois Chapter of ASHRAE**  
[www.illinoisashrae.org](http://www.illinoisashrae.org)  
No report

**USGBC – Illinois Chapter (LEED)**  
[www.usgbc-illinois.org](http://www.usgbc-illinois.org)  
*Several events can be found here:*  
[http://www.usgbc-illinois.org/events/event-calendar/](http://www.usgbc-illinois.org/events/event-calendar/)

**PAMCANI**  
[www.pamcani.org](http://www.pamcani.org)  
*PAMCANI's industry-wide calendar:*  
[www.piccal.org](http://www.piccal.org)

*PAMCANI Board Meeting/Lunch Meeting*  
- **Date:** Wednesday, July 24, 2013  
- **Location:** The Grotto in Oak Brook  
- **Time:** 8:30 AM - 2:30 PM

**Illinois Fire Prevention Association (IFPA)**  
[www.ifpanet.org](http://www.ifpanet.org)  
*IFPA Golf Outing*  
- **Date:** Tuesday, September 10, 2013 at 12:00 PM  
- **Location:** 1550 President St.  
  Glendale Heights, IL 60510

**Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)**  
[www.ilphcc.com](http://www.ilphcc.com)  
No report

**Refrigeration Service Engineer's Society (RSES)**  
[www.rses.net](http://www.rses.net)  
No report

**American Society of Professional Estimators**  
[www.aspechicago.org](http://www.aspechicago.org)  
No report

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**Chris Sbarbaro, PE, CPD, LEED AP BD+C, Corresponding Secretary**  
csbarbaro@cannondesign.com
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<tr>
<th>Date</th>
<th>Technical Presentation</th>
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<td><strong>August 10, 2013</strong></td>
<td>Second Annual ASPE Family Picnic</td>
<td>Schiller Woods Grove #12</td>
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<td>September 26, 2013</td>
<td>ASPE Chicago Chapter “First Ever” September Product Show</td>
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<td>October 17, 2013</td>
<td>Rainwater Harvesting</td>
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<td>November 21, 2013</td>
<td>Special Fire Suppression Systems</td>
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<td>December 19, 2013</td>
<td>ASPE Chicago Chapter Booster Night and Holiday Celebration</td>
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<td>January 16, 2014</td>
<td>Aging in Place By Peter Fazio Jr.</td>
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<td>February 20, 2014</td>
<td>To Be Determined (IAPMO Joint Meeting)</td>
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<td>March 20, 2014</td>
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<td>La Villa Restaurant 3632 N Pulaski Rd Chicago, IL</td>
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<td>April 17, 2014</td>
<td>Fire Alarm Annunciation Technology</td>
<td>Venuti’s 2251 W. Lake Street Addison, IL</td>
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<td>May 15, 2014</td>
<td>To Be Determined (SFPE Joint Meeting)</td>
<td>Westwood Tavern &amp; Tap 1385 N. Meacham Rd Schaumburg, IL</td>
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<td>June 20, 2014</td>
<td>ASPE Chicago Chapter Golf Outing</td>
<td>Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL</td>
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<td>August, 2014</td>
<td>ASPE Chicago Chapter Summer Event</td>
<td>TBD</td>
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If you would like to present any of these topics or become a meeting sponsor, please contact Mark Mannarelli at mmannarelli@dbHMS.com or 630.901.6446.