



Chicago ASPENEWS



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 48, No. 8 March, 2017



Chicago Chapter General Meeting Thursday March 16, 2017




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!



AGENDA

- 5:30pm Cocktail Hour, Sponsored by: 
- 6:30pm Dinner, (\$35 ASPE Members with RSVP/\$40 Non-Members and Walk-ins)
- 7:15pm **Manufacturer Spotlight:** Sensor Technology by Conrad Hal-ler with Moen
- 7:30pm **Presentation:** Benefits and Considerations for Graywater Treatment and Reuse in Facilities by David Stark with RMS and Nate Nickerson with Critical Flow (*0.1 CEUs Available!*)

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

- ◇ Call: 312-346-5000
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

- Appetizers:**
 - Focaccia Bread
- Starters:**
 - House Salad w/ Ranch, 1000 Island, and House Dressings
- Entrées:**
 - Bowtie Pasta with Tomato Basil Sauce
 - Corned Beef & Cabbage
 - Baked Potatoes w/ Sour Cream
 - Chicken Siciliana
- Dessert:**
 - Ice Cream w/ Strawberry and Chocolate Toppings
- Drinks:**
 - Green Beer, 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	ASPE Chicago Chapter Summer Outing Arlington Race Track	N/A	Arlington International 2200 West Euclid Avenue Arlington Heights, IL 60006
September 22, 2016	ASPE Chicago Product Show (See attached Flier for a list of Technical Seminars)		Meridian Banquet & Conference Center 1701 W Algonquin Rd Rolling Meadows, IL
October 20, 2016	Presentation Topic: Hot water Temperature Maintenance Speaker: Mark Hall with Pentair Mfr Spotlight: LabWaste CPVC Corrosive Drainage Systems Speaker: Ron Leamon with Spears Mfg.	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
October 28 thru November 2, 2016	ASPE National Convention, Phoenix, AZ		Phoenix Convention Center 100 N 3rd St, Phoenix, Arizona 85004
November 17, 2016	Presentation Topic: The Role of Copper Silver on a Multi-barrier Approach to Water Quality and Disease Prevention Speaker: Chris Ebner with Liquitech Mfr Spotlight: Froet Roof Drains and Downspout Nozzles Speaker: Craig Froeter with Froet Industries	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
December 15, 2016	Chapter Membership Appreciation Booster Night	N/A	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 19, 2017	Presentation Topic: High Rise Plumbing Considerations Speaker: David DeBord with dbHMS Mfr Spotlight: Heat Recovery from Wastewater and Sewage Speaker: Rick Lawlor with International Wastewater Systems	0.1	**Note New Location!** Venuti's 2251 W. Lake Street Addison, IL
February 16, 2017	Presentation Topic: The Mechanics of Design: Wall-Mount Concealed Tank Toilet Systems Technology. Speaker: Mark Scharf with Geberit Mfr Spotlight: TBD Speaker: TBD	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 16, 2017	Presentation Topic: Benefits and Considerations for Graywater Treatment and Reuse in Facilities Speaker: David Starck with RMS and Nate Nickerson with Critical Flow Mfr Spotlight: Sensor Technology Speaker: Conrad Haller with Moen	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 20, 2017	Presentation Topic: Water Heater Solutions and Best Practices Speaker: Paul Rohrs with Lochinvar Mfr Spotlight: ASHRAE 90.1, Domestic Water Pre-Heating Systems Speaker: Mark Kaulas with Bornquist	0.1	Venuti's 2251 W. Lake Street Addison, IL
May 18, 2017	Presentation Topic: Designing Laboratory Supply Systems for Flammable and Oxidizing Gases Speaker: Brett Conley with Concoa Mfr Spotlight by Pentair	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
TBD	Annual Golf Outing	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.



PRESIDENT'S MESSAGE

This month is the annual green beer and corned beef and cabbage dinner at LaVilla. Erin go Brah!

It's also the beginning of Lent for the Irish Catholics and I know that most of you will be in the spiritual mood? I know most of you will be giving up alcohol for the remainder of Lent. Best of luck to those who have decided to forgo these trying endeavors!!!

Anyone interested in running for a board position is welcome as long as they are members in good standing. Please contact me or any board member at the March meeting if you would like to run for a position for the 2017-2018 calendar year.

The Chicago chapter was approached by a faculty member Dr. Chad Solomon from Round Lake High school. He would love to invite a speaker from our organization to visit the school and make a presentation to his students. Dr. Solomon teaches a senior elective class called Human Sustainability with curriculum designed to address the United Nations Sustainability Goals. The class has been talking about how water is protected and treated as well as examining the health and human rights issues associated with sanitation of water.

Is there someone that can help take this further with our students? Any interested member in the chapter available to make a presentation to Dr. Solomon's students is welcome? Please get back to me at your earliest convenience so we can contact Dr. Solomon to confirm the date and time for the presentation.

The next product show meeting will be held on March 23rd from 6:00pm to 8:00pm at Paisans Restaurant, 2901 Ogden Avenue in Lisle, IL 60532 Restaurant Phone: 630-922-4100.

PRODUCT SHOW CHAIRMAN

I would like to formally announce that Justin Wroblewski is the new Product show chairman. He is a very motivated driven individual who will make the chapter stronger with his ongoing support.

PRODUCT SHOW IN SEPTEMBER

Also we are planning for the upcoming Chicago Product show in September. We will be sending out very important information regarding the venue and location of the show. Affiliates please start thinking about becoming one of the first to sign up for our annual product show.

FEBRUARY MEETING RECAP

I would like to thank Mark Scharf with Geberit on his main presentation on wall mount concealed tank toilet systems technology and Tom Ronan with Added Sales for sponsoring the Cocktail hour.

RONALD MCDONALD HOUSE

We will be handing out Ronald McDonald house paper houses for collection of pop tabs and beer tabs at the March meeting! Please make sure to pick one up after the conclusion of the meeting. This is another great way to help families in need of support and help them through difficult times! We will be collecting them at the golf outing in June and will be distributed to Ronald McDonald house. Thanks to all who have kindly participated.

Continued on next page...

CHAPTER OFFICERS

PRESIDENT

Mark Mannarelli
Syska Hennessy Group
312.450.6308
ASPE.Chicago.President@gmail.com

VICE PRESIDENT TECHNICAL

April Ricketts, PE, CPD, LEED AP
CDM Smith
312.346.5000
ASPE.Chicago.VPTech@gmail.com

VICE PRESIDENT EDUCATION

Chris Wisinski
Bomquist Inc.
773.774.2800
ASPE.Chicago.VPE@gmail.com

VICE PRESIDENT LEGISLATIVE

J. Francisco DeHoyos
Page Southerland Page, Inc.
512.382.3483
aspe.chicago.vpl@gmail.com

VICE PRESIDENT MEMBERSHIP

Chris Sbarbaro, PE, CPD, GPD, LEED AP
Grumman/Butkus
847.316.9220
ASPE.Chicago.VPM@gmail.com

VICE PRESIDENT AFFILIATE

Matt Pardue
Acorn Engineering
630.649.0665
aspe.chicago.vpaff@gmail.com

TREASURER

Sean Allard, CPD
McGuire Engineers
312.930.2200
sallard@mepcinc.com

ADMINISTRATIVE SECRETARY

David J. Erickson Sr.
Viega LLC
312.519.5629
aspe.chicago.admsec@gmail.com

CORRESPONDING SECRETARY

Scott Jagodzinski, CPD
Cannon Design
312.960.8396
ASPE.Chicago.CspSec@gmail.com

PRODUCT SHOW CHAIRMAN

Justin Wroblewski
Wight & Company
jwroblewski@wightco.com

ASPE CHICAGO JOBS PROGRAM COORDINATOR

Aspe.chicago.careers@gmail.com

GOLF OUTING CHAIRMAN

Steve Triphahn
W-T Engineering, Inc.
224.293.6301
steve.triphahn@wtengineering.com

HISTORIAN

Donald Johnson

NEWSLETTER EDITOR,

WEBMASTER
Jeff Gallagher, P.E.
Viega, LLC
224.407.1813
ASPE.Chicago.nle@gmail.com

AYP LIAISON

Emily Koussa, LEED AP BD+C
Primera Engineers, Ltd.
ASPE.Chicago.AYP@gmail.com

WEBSITE

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

FACEBOOK

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

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

LINKEDIN

www.linkedin.com/groups?home=&qid=2393408

PRESIDENT'S MESSAGE CONTINUED...

FREE WEBINAR

March 8th at 2:00 pm EST, "Roof Drains the whole Story", will help attendees understand roof drains from the architectural/roofing point of view, important roof drain design issues, roofing material design details that can greatly impact your liability, how to install a drain to minimize ponding and reduce maintenance, the coming revision of A112.6.4, green roof designs, and the hidden dangers of siphonic drainage. Thanks to Froet Industries. Registration is open at aspe.org/content/roof-drains-webinar.

SAVE THE DATE: BASIC PLUMBING DESIGN WORKSHOP IS BEING HELD MAY 5TH

This full-day workshop at ASPE's headquarters outside of Chicago will cover the design of domestic cold and hot water systems, sanitary sewer systems, and storm drainage systems, including how to properly coordinate these utilities with architects and structural engineers. Go to aspe.org/Basics Workshop for more information and to register. This workshop offers 7.5 hours of continuing education credit, and nonmembers will receive a special price if you sign up for ASPE membership while registering.

2017 CPD EXAM REGISTRATION OPENED JANUARY 4TH

If you are interested in earning your Certified in Plumbing Design (CPD) designation and joining the upper echelon of plumbing engineers, get ready to register for the 2017 exam, which will be held at testing sites around the world on April 6th and April 7th. For additional information to learn more about the CPD program and start preparing for the exam, go to www.aspe.org/cpd.

ARCOSA SEEKS EDUCATION COMMITTEE MEMBERS

This new committee will work on projects to inform and educate the public in the areas of rainwater, storm water, and water quality. Contact info@arcsa.org for more information or to apply.

PEDH VOLUME 4

For those of you who have not received the latest release of the new PEDH volume it has been distributed (re-written by the Chicago Chapter members) to all members in good standing. To ensure that you get your copy of the latest update to the Plumbing Engineering Design Handbook, verify your membership status and mailing address online at www.aspe.org/user

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.

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. Please contact Emily Koussa who is our Chicago Chapter AYP Liaison. Emily can be contacted at aspe.chicago.ayp@gmail.com.

THE WOMEN OF ASPE

The women of ASPE are excited to introduce ASPE's new Mentoring Program! This program, which is available to all members of the Society, has been designed to connect ASPE members who have a particular skill set (mentor) with individuals (mentee) who are searching to acquire the same skills to develop and make progress toward their personal and professional goals.

WHO IS A MENTOR?

A mentor is someone who can help the mentee develop skills for success and long-range career planning, is able to be a good listener, is willing to share experiences and views, is willing to commit time and effort, provides an "open door" to questions and problems, points out both strengths and opportunities for improvement, and has a vested interest in the growth and development of their mentee.

Continued on next page...

PRESIDENT'S MESSAGE CONTINUED...

BENEFITS TO THE MENTOR:

- Satisfaction in helping someone mature, progress, and achieve goals
- Meeting and sharing experiences with other mentors
- Personal ongoing support to help the mentee succeed
- Personal fulfillment through contribution to the Society and the individual


WHO IS A MENTEE?

Having a mentor can contribute to a successful and satisfying career. Without a mentor, that learning occurs mostly through trial and error. With a mentor, even experienced professionals can benefit from the experiences and expertise of someone who has withstood the trial and can help the mentee avoid the mistakes. Similarly, those new to the industry will discover that being a mentee shortens the learning curve for acquiring the skills and knowledge most critical to a fruitful career.

BENEFITS TO THE MENTEE:

- Discover new talents about yourself
- Career satisfaction
- Expand your personal network
- Maximize your strengths

Additional material can be found www.aspe.org/aspe-mentoring-program



Sponsored by
DELTA
don't talk Delta with us

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
For more information, visit www.aspe.org/woa



Thank you,

Mark G. Mannarelli
Chicago Chapter President
ASPE.Chicago.President@gmail.com



Manufacturer Spotlight



*This month we would
like to thank:*



Thank you for your support!



VICE PRESIDENT, TECHNICAL

March Greetings...and Happy St. Patrick's Day!

With the weird Winter weather we have been having recently, it is hard to believe Spring has not started...but for those keeping score, it officially starts on March 20th, which is also the time of the Spring Equinox. Did any of you, when you were in elementary school, try to balance an egg on its narrow end during the Equinox? I tried multiple times and the only way I was able to get the egg to stay up was by sprinkling some salt on the table...but that was probably cheating (smile).

We are looking forward to seeing you at our March Chapter meeting, and hoping to not have a repeat of last year (last year our Chapter meeting fell on St. Patrick's Day... and I think a vendor was having a social event on that day, too...so we had a marked drop in attendance). Just a friendly reminder to be sure to RSVP for the meeting ahead of time, so that we can give the restaurants a fairly accurate head count.

Our March Chapter Meeting will include a Manufacturer's Spotlight by Conrad Haller with Moen, which will be on Moen Sensor Technology.

Our main presenters will be Nate Nickerson with Critical Flow and David Stark with RMS, speaking on the "Benefits and Considerations for Graywater Treatment and Reuse in Facilities". Their presentation will be worth 0.1 CEU. Here is a brief description of the presentation:

- The program will focus on educating the audience on not only the benefits of graywater treatment and reuse but also design, planning and permitting considerations to implement these systems into facilities.
- The program will describe existing and pending requirements, types of systems available (based on process, not vendor specific), design/sizing guidelines for these systems as well as long term maintenance and operations considerations.

Here are bios for Mr. Nickerson and Mr. Stark:

Nate Nickerson:

Nate Nickerson partnered with RMS in 2016 after co-founding Critical Flow LLC, a reclaimed water solutions company, in 2014. He brings over 15 years of diverse experience in project management, engineering, construction, R&D, product development, industrial/mechanical operations and maintenance. Nate has long been an advocate for water conservation and reuse and brings a hands-on understanding of how practical solutions are actually implemented for facilities. His knowledge base comes from his involvement in a wide variety of water related projects over his career. These include: wastewater and stormwater conveyance, treatment and reuse, potable water distribution, land development as well as technology and equipment design, research, testing and fabrication.

Nate received his Bachelor of Science degree from the University of Virginia in Civil Engineering and an Associate's degree in Automotive Technology from NH Technical College. He holds professional engineering licenses in both Virginia and California.

David Stark:

Dave holds a M.S. in Water Resource Science from the University of Minnesota a B.A. in Environmental Conservation from the University of Colorado and has worked in the water resources field since graduation. He has managed river remediation, stormwater and environmental permitting projects in the U.S.A. and South America.

Dave's passion is working on integrated water management solutions with engineers, architects, and general contractors on source separated systems at various scales. He is an accredited professional (AP) and regional representative for the American Rainwater Catchment System Association (ARCSA) and served on the national technical committee for rainwater harvesting ARCSA/ASPE standard 63. He advocates code adoption and design standards that allow indoor and outdoor use of harvested rainwater to maximize cost effectiveness and minimize stormwater impacts. When not working, he enjoys traveling to Central and South America with his wife and son Tyler to keep his Spanish and whitewater kayaking skills sharp.

Until Next Time...

April Ricketts, PE, CPD, LEED AP BD+C
Chicago Chapter Vice President Technical
ASPE.Chicago.VPTech@gmail.com
312-346-5000

wpd

WORLD PLUMBING DAY

March 11th...every year....everywhere

World Plumbing Day is observed on March 11 each year. It was created by the World Plumbing Council (WPC) as a means of highlighting the important role played by the plumbing industry in relation to public health and the environment.

Did you know? The first World Plumbing Day was celebrated on 11 March 2010.

For more information please click here: <http://www.worldplumbingday.org/>

Or follow [worldplumbingday.org](http://www.worldplumbingday.org) on:





VICE PRESIDENT, LEGISLATIVE

Greetings Chicago Chapter.

The Plumbing codes are quiet for now, however, we can use this time to help the Plumbing Designers and Engineers to get ready for the upcoming CPD test. If you have already passed the test, use this sample test, to see if you are still in good shape. If you get 7 wrong answers, you fail the test. These questions do not require mathematical operations, therefore, give yourself no more than 20 minutes to answer all the questions.

CPD TEST PREPARATION

Practice questions

1. Q: What is the design operating pressure that shall not be exceeded for a natural gas piping system inside a building that is not welded?
 - a) 5 PSIG
 - b) 7 PSI
 - c) 5 PSIA
 - d) 14 PSIG

2. Q: What does the abbreviation NBS stands for?
 - a) National Bureau of Standards
 - b) National Building Standards
 - c) National Building Society
 - d) Noise Blocking System

3. Q: What is name of the effect produced as result of degradation of a material by its own environment?
 - a) Oxidation
 - b) Flacking
 - c) Corrosion
 - d) Decaying

4. Q: What has to be present for cell corrosion to occur?

An Electrolyte and an Anode.
A Cathode and a Return circuit.
Water, and an Anode.

 - a) and b)

5. Q: Where is the plumbing fixtures related information in the CSI Unifomat Uniform Classification?
 - a) Division 15
 - b) Division 21
 - c) Division 22
 - d) Division 23

6. Q: If you were asked to do a preliminary mechanical construction cost estimate, what method would be best suited for this application?
 - a) Fixture Count
 - b) SQ Foot Pricing
 - c) Installation Labor cost + Estimated Pipe length
 - d) a) and c)

7. Q: There are three types of specifications. Which is not one of this types?
 - a) Proprietary Specification
 - b) Descriptive Specification
 - c) Book Specification
 - d) Performance Specification

Continued on next page...

VICE PRESIDENT, LEGISLATIVE CONTINUED...

8. Q: Which has a greater runoff coefficient?

- a) Ice
- b) Grass
- c) Pavement
- d) Pavers

9. Q: Clean outs shall be provided at these locations, except:

- a) Plumbing Fixture connection
- b) Base of stacks
- c) Beginning of drain line
- d) Any change of direction greater than 90 degrees

10. Q: What formula is used to calculate friction loss in residential fire sprinkler system three storeys or less?

- a) Darcy-Weisbach
- b) F.M. Dawson, & A.A. Kalinske
- c) Hansen Williams.
- d) Reynold Formula.

11. Q: Most codes limit the distance from the trap weir to the fixture to:

- a) 2 inches
- b) 24 inches
- c) 6 inches
- d) 5 feet

12. Q: Before starting to design a plumbing system, it is absolutely necessary to determine the following:

- a) Scope of Work
- b) Available budget for Plumbing
- c) Governing Codes
- d) Utilities location on site plan

13. Q: Locations of the following can be determined from a site survey plan except for:

- a) Natural Gas Main
- b) Building Drain
- c) Water main
- d) Sewer Main

14. Q: Vent trough roof minimum size allowed for frost closure is:

- a) 2 inch VTR
- b) 4 inch VTR
- c) 3 inch VTR
- d) 4"x 5" VTR

15. Q: What is the hydrostatic pressure that plumbing systems shall use for testing in a rough piping installation:

- a) No less than 125 PSI
- b) 80 PSI
- c) 100 PSI
- d) 1-1/2 times the system working pressure

16. Q: In a storage tank type water heater, what is the maximum working PSI before it is considered hazardous?

- a) Any pressure over 125 PSI
- b) Any pressure over 80 PSI
- c) 100 PSI
- d) 120 PSI

17. Q: When sizing sump pumps the minimum pump cycle time occurs when the inflow rate is equal to what percentage of the pump capacity rating?

- a) 80%
- b) 150%
- c) 100%
- d) 125%

Continued on next page...

VICE PRESIDENT, LEGISLATIVE CONTINUED...

18. Q: When sizing an ejector basin, what is the minimum pump cycle time for high and low water levels?
- a) 1 minute
 - b) 5 GPM
 - c) 5 minutes
 - d) 20 GPM
19. Q: what is the clearance required in front of a water closet for a non ADA installation?
- a) 15 Inches
 - b) 17 Inches
 - c) 21 Inches
 - d) 30 Inches
20. Q: An air compressor shall not exceed:
- a) 900 RPM
 - b) 900 CFP
 - c) 2500 RPM
 - d) 3500 RPM
21. Q: which is not an air compressor cooler type:
- a) Air cooler
 - b) Innercooler
 - c) Aftercooler
 - d) Oil Cooler
22. Q: What is the medical gas category for a facility system that is likely to cause a major injury to a patient or caregivers?
- a) Category 1
 - b) Category 2
 - c) Category 3
 - d) Category 4
23. Q: What is the function of a Post Indicator Valve as an ancillary device in a fire protection system that has a split case fire pump?
- a) To control the Water flow.
 - b) To divert the water flow to an alternate fire pump
 - c) To indicate the valve location.
 - d) To shut off the supply of water.
24. Q: Steel pipe is produced in three basic weight classifications. Which is not one of them?
- a) Service weight
 - b) Extra strong
 - c) Standard
 - d) Double extra strong
25. Q: Steel pipe has three joining methods. Which is not one of them?
- a) Threading
 - b) Welding
 - c) Grooved
 - d) Flanged

**All the questions were taken from the ASPE Design Handbooks.
The correct answers will be published on our next newsletter.**

J. Francisco DeHoyos

Vice President, Legislative
ASPE Chicago Regional Chapter,
ASPE Region 5 Liaison,
ASPE Society Education Committee Co-Chairman.
aspe.chicago.vpl@gmail.com



VICE PRESIDENT, MEMBERSHIP

By now all of you Chicago ASPE Members should have received an updated *Chicago ASPE Member Contact List*. This was sent out via email by yours truly on February 16, 2017. **If you want to update any of your contact information, (yes you are in charge of your info), please do so at aspe.org.** Specific instructions were included in the February newsletter which can be accessed here: <http://chicago.aspe.org/documents.html> It is suggested that any or your personal email and phone numbers be included as your secondary contact info.

We are about to implement an overhaul/update of our contacts on ASPEChicago@gmail.com email account. This update process will occur between the issuances of the March and April Chicago ASPE Newsletter. **If you do NOT receive the next newsletter (by April 14, 2017 – please mark your calendar), kindly send an email to ASPEChicago@gmail.com and put “NO NEWSLETTER” in the subject line.** We are merely updating peoples email addresses and there is a possibility someone may get left behind. Speaking of, if you have recently changed emails, employers or something else, PLEASE get on the ASPE website and update your information today. We apologize in advance for any hiccups that may occur during this transition process. Kudos to Jason McDonald for putting in a lot of hard work to vet several lists into one 3,000 rowed excel file!

I would like to introduce our newest Chicago ASPE members:

- Mr. Damon Shaw of Elkay Manufacturing Company
- Mr. Anwar Maroki of IBI Group Inc.

Please join me in welcoming Damon and Anwar to the ASPE family!

For those of you who are planning to take the CPD this year:

ASPE national has a new tool available for our chapter utilize to help you study for the CPD Exam. The tool includes key terms and concepts, content review, and sample questions and answers that cover 19 different sections. **Please let us know if this is something you might be interested in.** Registration closes March 24, 2017, and exam dates are Aprils 6th & 7th.

Current Membership Numbers (as of 2/6/17)

a. Total Chapter Members = 282

- | | |
|----------------------|--|
| i. Full = 137 | vi. Student = 1 |
| ii. Associate = 15 | vii. Life = 0 (Chicago Chapter has bestowed this to Don Johnson) |
| iii. Affiliate = 105 | viii. Retired = 8 |
| iv. Gov't = 2 | ix. Complimentary = 0 |
| v. Special = 14 | |

b. Licensed Members

- i. PE = 61
- ii. CPD = 63
- iii. CPD+PE = 27

Thanks for your help in making the Chicago ASPE Chapter the best it can be.

Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C
Chicago Chapter Vice President, Membership
ASPE.Chicago.VPM@gmail.com



ADMINISTRATIVE SECRETARY

Greetings Members,

If you missed the February meeting you missed a great venue at Westwood Tap and Tavern where we had 60 members that enjoyed the evening networking, Chris Sbarbaro was the winner of the 50/50 raffle splitting a \$280 pot with the other half benefiting the ASPE Research Fund. The winner of the dinner raffle was none other than Chris Wisinski.

Sincerely,

David Erickson

Chicago Chapter Administrative Secretary

C# 312-519-5629 aspe.chicago.admsec@gmail.com



AYP LIAISON

Hello everyone, young and experienced! The AYP group has been a bit silent this year, but that doesn't mean stuff hasn't been accomplished! We did make an attempt to plan a winter outing with snow tubing and skiing, but this winter has not lived up to the Chicago standards and so it had to be canceled due to, ahem warm conditions. To make up for the clash with mother nature please stay tuned for our spring event! We will be having a happy hour at Haymarket Brewpub in Chicago in early April. Think of this as a monthly meeting only strictly social. So come and grab a brew, take a tour and have a laugh with fellow ASPE members. If anyone reading this had anything to do with the build-out of the Haymarket Brewpub, please contact me aspe.chicago.ayp@gmail.com and we can arrange to have an info session on products or design at the meeting and how designing a brewery has its fun and challenges!

Also for those tech savvy souls out there, Chicago ASPE is now on Twitter as [@ASPEChicago](https://twitter.com/ASPEChicago). Now you can follow us Twitter, Facebook, and LinkedIn for updates on events, code, and general industry information and shenanigans!

Thank you,

Emily Koussa

Chicago Chapter AYP Liaison

ASPE.Chicago.AYP@gmail.com

CORRESPONDING SECRETARY: INDUSTRY NEWS



Hello Chapter members.

March Madness is no longer just for basketball. The weather has been maddening, the workloads have not slowed down any, and The White House has been all over the place. Who knows what the future holds? I do, look for these upcoming events happening in a location near you!:

American Society of Sanitary Engineering (ASSE)
(http://www.asse-plumbing.org/chapters/region04_il.html)

ASSE Monthly Meeting

Date: Thursday March 16, 2017

Location: TBD

Details: http://www.asse-plumbing.org/chapters/region04_il.html

National Fire Protection Association (NFPA)
(www.nfpa.org)

NFPA training throughout the US:

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

NFPA FREE Webinar:

No New Event Posted

Date: N/A

Cost: Free

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

NFPA Classroom Training Week, Chicago. IL:

Date: April 24 – 28, 2017

Location: TBD

Cost: \$1345 no Exam or Certificate, \$1740 With Exam & Certificate

Details: <http://catalog.nfpa.org/-P457.aspx?icid=D197>

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

ASPE Monthly Meeting

Date: 3rd Thursday of every month (March 16, 2017)

Location: TBD

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

RSVP: Marvin Fitzwater, mfitzwater@ccsdifference.com

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

Monthly Events

Prioritizing Sustainable Actions

Date: Tuesday, March 21, 2017, 5:30 – 7:30 PM

Location: Loyola University Chicago, Water Tower Campus, Lewis Towers, Beanne Hall, 111 E Pearson St. Chicago, IL

Cost: \$15 - \$25 non-members

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

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

IFPA/SFPE Product Show

Date: Tuesday March 21, 2017, 2:45 PM

Location: Medinah Banquet Hall, 550 Schriners Dr. Addison, IL

Details: <http://www.ifpanet.org/CalendarEvent.aspx?ID=99&PBD=3/1/2017>

**SFPE Chicago Monthly Meeting
Corned Beef and Cabbage Dinner**

Date: May 18, 2017, 5:00 – 10:00 PM

Location: Tinley Park VFW, 17147 Oak Park Ave, Tinley Park, IL

Cost: Members \$TBD Non-Members \$TBD

Details: <http://www.chicagosfpe.org/event/corned-beef-and-cabbage-dinner/>

Illinois Fire Prevention Association (IFPA)
(www.ifpanet.org)

IFPA/SFPE Product Show

Date: Tuesday March 21, 2017, 2:45 PM

Location: Medinah Banquet Hall, 550 Schriners Dr. Addison, IL

Details: <http://www.ifpanet.org/CalendarEvent.aspx?ID=99&PBD=3/1/2017>

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

ASHRAE Monthly Meeting

2017 Spring Conference

Date: Tuesday March 14, 2017, 8:30 AM - 4:00 PM

Location: 30 W Monroe St. 4th Floor, Chicago IL 60603

Cost: Members \$45, Non-Members \$55

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

Refrigeration Service Engineer's Society (RSES)
(www.rses.net)

RSES Monthly Meeting

Date: Tuesday March 14, 2017

Location: Harper College Building H, Room 187, 1200 W Algonquin Rd. Palatine, IL 60067

Contact: 1-800-8970-3635

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

CORRESPONDING SECRETARY: INDUSTRY NEWS CONTINUED...

**** {UPDATE} ***** {UPDATE} ***** {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://www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA>

PCA (Plumbing Contractors Association of Chicago and Cook County)

PCA Monthly Meeting

Date: Tuesday March 14, 2017, 6 PM
Location: Erie Café Restaurant, Chicago. IL
Details: <http://www.plumbingcouncil.org/pca>

Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)
(www.ilphcc.com)

Continuing Education Class

Dates: March 24, 2017, 9 AM - 1 PM
Location: Drury Lane, Oakbrook Terrace, 100 Drury Lane, Oakbrook Terrace, IL
Cost: \$35
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 (Disaster Planning / Recovery)

Date: March 15, 2017
Location: Mt. Zion, IL
Cost: Members \$FREE, Non-members \$FREE
Details: <http://www.ilrwa.org/Training/watertraining.html>

American Water Works Association (AWWA) – Illinois Section
(www.awwa.org) – (<http://www.isawwa.org/>)

Multiple Items Listed on Event Calendar

Dates: March, 2017
Location: Varies
Details: 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, 2017
Details: <http://www.whea.com/about-us/calendar/>
Newsletter: <http://www.whea.com/media/118555/3rd-quarter-newsletter.pdf>

Monthly Meeting

Dates: March 9, 2017
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

IWEA/IAWPCO Joint Annual Event – Professional Conference

Dates: April 24 - 26, 2017
Location: Crown Plaza, 3000 South Dirksen Parkway, Springfield, IL 6270.
Cost: Full Conference \$295 Members \$350 Non-Members
Details: <http://events.r20.constantcontact.com/register/event?oeidk=a07ecy3fbxv13d10dc5&llr=bvdbgpcab>

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