

ASPE Report

aspe.org

Monthly News from the American Society of Plumbing Engineers



From the President's Pen

Carol Johnson, CPD, LEED AP, CFI, FASPE

2018-2020 ASPE President

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ASPE—Inspiration and Growth

Last month you all got to read about some inspiration provided by our members, such as Data Books being pages from a magazine stapled together. Every moment we spend improving and growing our profession is a block built for others to climb higher. Understanding our role and how we continue to grow is how we continue to build ASPE. We build through education, technical knowledge, partnerships, better tools, relationships, and achievements. We grow through the efforts of our members and their commitment. In truth, though, we grow because our profession is important.

Because our profession is one of the most important professions directly affecting public health, we strive to inform and also to raise the bar. It is important to create programs within the engineering profession that recognize and identify plumbing. The Professional Engineer Working Group is an important cog in the wheel in this recognition effort. The process of obtaining state licensing board approval is something with which we need continued help. The process is slow, but it is working. This step is critical, so please work with us to succeed in this. It is very important that plumbing engineering is recognized because it is time to understand the relationship between engineering and public health. Plumbing engineering and the qualifications of the profession should be identified. Take the time to participate in this effort, and please send an email to me or our Executive Director/CEO Billy Smith, FASPE, if you have any concerns or questions.

Employers, I hear weekly that our industry does not have enough talented people in it. I hear from contractors who do not have project managers, superintendents, or BIM staff. I hear from peers, consultants, craftsmen, inspectors, and plan reviewers that there is a shortage of trained talent in our profession. I also know that a well-trained employee makes less mistakes and provides a better product to clients. The training that your employees receive will provide you with staff who reduce liability and improve project design time. Employees who are well trained are effective, well versed, and better communicators with clients. What is my point in all of this? ASPE's Tech Symposium is specialized training at a reasonable cost. It is an investment in your employees; it is retention, happier employees, and intrinsic to the growth of your company.

ASPE provides training from industry leaders and experts that is not provided by any other organization, and ASPE's Tech Symposium is a one-of-a-kind custom technical offering for everyone in this industry. This year's technical tracks are some of the most aggressive tracks we have ever had. The five tracks are Codes & Standards, System Design & Equipment Exploration, Sustainability/Construction Discussion, Legionella/Water Quality, and Fire Protection, Life Safety, & More. The Tech Symposium is a huge benefit for attendees as well as employers. If you are a designer or a manufacturer representative who wants to be at the top of your field, this year's Tech Symposium in Pittsburgh is where to be. We have 40 classes waiting for you. After hours, entertainment and a brilliant, scenic city are within walking distance. Register and plan early, as it is likely to be one of our best-attended Symposiums ever. You can learn more and register at aspe.org/2019Tech.

Employers, the next time you are spending time dealing with issues or cutting a check to deal with an issue, know that through training and education you can reduce that risk. Remember this statement: Help us help you.

As we all build and grow ASPE together, know that we are here to support you and our profession. ASPE is an open, active door for our members and the industry. We keep it personal *continued...*

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and informative. ASPE is the door to plumbing education, plumbing networking, and the plumbing industry. Help us keep building ASPE with communication and education. Let's build and grow, let's get the state boards informed, let's get our peers active, let's keep this excitement growing. Get online and check out ASPE Connect. Go to your Chapter meetings and be active. Be a part of this great profession. Hundreds of people are having a great experience.

You are invited to continue building our Society. We have come a long way, and now is the most important time. Please contact me at any time as we grow this Society and our profession. Please contact me with your ideas and comments.

BOOK OF THE MONTH



July 2019:
Plumbineering Dictionary

25% off for ASPE members; Code: SummerBBQ

2019
webinar
SERIES

This one-hour webinar discusses the benefits of using siphonic drainage vs traditional gravity.

Sponsored by


Guide to Siphonic Drainage

August 8, 2019
1 pm CDT

ASPE Members **FREE**



aspe.org/MIFABwebinar

Congratulations New CPDs!

We are pleased to announce that the following individuals passed the 2019 Certified in Plumbing Design (CPD) exam: Ghassan Abu Sultanah, CPD; Jason Adams, CPD; Robert Allen, PE, CPD; Rohit Apte, PE, CPD; Reza Bahador, CPD; Neil Baker, CPD; Clark Baker, CPD; Stephen Bales, CPD; Marcia Bartges, CPD; Ryan Beard, CPD; Scott Beckord, CPD; Hannah Berger, CPD; Austin Boggs, CPD; Shane Brant, CPD; Michael Brotherson, CPD, ASSE 6005, 6020; Susanne Brown, CPD; Brent Carlson, CPD; Cavis Carpenter, CPD; Sean Carroll, PE, CPD; Francisco Javier Chaidez, CPD; Gregory Champion, CPD; Bill Cheek, CPD; George Clemenceau, CPD, EIT; Andrew Cole, CPD; Liza Cusimano, CPD; Geoffrey Damico, CPD; Richard Davis, CPD; Troy Dawes, CPD; David Desjardins, PE, CPD; Sarah Deunay, CPD; Jeffrey Diekemper, CPD; Darko Dzeletovic, CPD; Brian Evans, CPD; Jay Ferrare, CPD; Jonathan Fitzsimmons, CPD; Matthew Folkedahl, CPD; Ian Frand, CPD; Jeffrey Gallagher, CPD; Mostafa Ghanem, CPD, LEED AP BD+C; Francisco Gomez, PE, CPD, LEED AP BD+C; Patrick Hafner, CPD; Gary Hanks, PE, CPD; Artin Haroutunian, PE, CPD; Lingxiao He, CPD; Robert Healy, CPD; Richard Henry, CPD; Darren Horsfield, CPD; Ian Huynh, CPD; Gerald Johnson, CPD; Eric Jones, CPD; Hye Jin Kim, PE, CPD, LEED AP; Louis King, CPD; Daniel Kingery, CPD, EIT; David Knifton, PE, CPD; Rhea Lamoureux, CPD; Brian Lawson, PE, CPD, GPD; Aaron Lenchner, CPD; Nicholas Lopilato, CPD; Mihail Manofu, CPD; Yolanda Mashni, CPD, EIT; Joseph Mastroluca, CPD, EIT; Mary Maxwell, CPD; Cheryl McDermott, CPD; Sean McIntosh, CPD; Adam McKinley, CPD; Jay Mehta, CPD; Brian Mena-Gunn, CPD; Timothy Morris, CPD; Anupam Nath, CPD; Zachary Nolan, CPD; Moolchand Pariag, CPD; Craig Parks, CPD; Brenda Pesmark, PE, CPD; Michael Phillips, PE, CPD, LEED AP BD+C; Marc Pisarek, CPD; Joe Rutledge, CPD; Grace Sack, CPD; Thomas Sauro, CPD; David Schlant, CPD; Laura Schulte, CPD; Naveen Kumar Shivanna, CPD, LEED GA; John Snell, CPD; Michael Spengler, PE, CPD; Mark Spigarelli, CPD; Randy Stabnow, PE, CPD; Tyler Stewart, PE, CPD; Emily Strobridge, CPD; Stephen Sweeney, CPD; Dejan Tadic, CPD; Robert Teifer, CPD; David Texter, CPD; Michael Trinidad, PE, CPD; Billy Turcios, CPD; Shawn Tyler, CPD; Art Urroz, CPD; Christopher Vallo, PE, CPD, LEED AP BD+C; Israel Villanueva, CPD; Tyler Watson, CPD; Peter Weiss, PE, CPD, LEED AP; Christopher Wilson, PE, CPD; Christopher Winnie, PE, CPD; Brandon Wolk, PE, CPD; Mengyang Wu, CPD; Zachary Young, CPD; Rodolfo Zafra, CPD; Ruoting Zhang, CPD



From the Executive's Desk

William "Billy" Smith, FASPE

ASPE Executive Director/CEO

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I know this column is in the July issue and that we are in full bloom as to the summertime weather. However, as I'm sitting here during the Memorial Day weekend, putting my thoughts to paper (well, more like laptop than paper), I can assure you that summer has started early as I gaze out my home office window and notice the heat rising from the ground on this mild (95°F) day here in Alabama. Speaking of enjoying the heat, I'm hoping that each of you had a wonderful Fourth of July, spending quality time with family and friends.

Other than simply setting off fireworks as a reminder that July is upon us, the ASPE Staff is extremely busy this summer staying caught up with all things regarding our Society, especially after participating in very successful Region Meetings all around the country with our Society and Chapter leaders last month. I had the distinct pleasure of attending and participating in the sharing of current information and assisting in discussions at both the Region 4 and Region 5 Meetings. The Region 5 Meeting was hosted by the Kansas City Chapter, and the Region 4 Meeting was hosted by the Northern California Chapter. Both Chapters were gracious hosts and are to be commended. Our other three Region Meetings were hosted by the Quebec Chapter (Region 1), Rochester Chapter (Region 2), and Central Florida Chapter (Region 3). At all of the Region Meetings, Chapter leaders spent quality time planning for the future of our Society and the industry, and we all are looking forward to joining with everyone later this year in Pittsburgh on October 24 through October 27 for the 2019 ASPE Tech Symposium. As you can tell, much is going on, and there is much more to be done.

On May 21, ASPE, as one of the tri-chairs, participated in the Plumbing Industry Leadership Coalition (PILC) meeting held in Washington, D.C. The PILC members in attendance provided thorough updates related to current plumbing industry issues that occurred around the country and world since our last meeting in May 2018. PILC continues to serve an extremely important industry role, and the coalition will continue to monitor all opportunities to which our collaborative efforts can provide solutions.

In the grand scheme, our overall involvement continues to grow within all segments of the plumbing engineering industry. We are maintaining relationships accordingly, as ASPE is growing and, through all of our efforts, will continue to do so. Additionally, by the time this column has arrived for your reading pleasure, I will have participated in the CSA conference and the ASME A112 Main

Standards Committee and CSA Standards Committee meetings in Ottawa, Ontario. I also took another quick trip to Chicago as our very dependable and eager Staff continues our preparations for the 2019 Tech Symposium. However, our focus isn't just on Pittsburgh later this year; we are always looking well ahead and also focusing on our 2020 Convention & Expo in New Orleans on September 11–16 and additional events like the 2021 Tech Symposium in San Diego on September 21–26, the 2022 Convention & Expo in Indianapolis on September 16–21, and the 2023 Tech Symposium in Bellevue, Washington on September 26–October 2. As you can see, we've got a lot planned and much more planning to do.

Speaking of future events, I would like to ask one important question of you: Is your Chapter interested in being a host for one of ASPE's Conventions or Tech Symposiums? If so, please contact me, and I will begin the process of seeking additional information and detailing the depth of interest. A famous TV commercial conveys that it just keeps going and going (you know, the rabbit beating the drum). Similarly, that is what ASPE is doing, and we like it that way: a never-ending pursuit of all things in the plumbing engineering profession for the betterment of all humanity.

Regarding our 2019 Tech Symposium being held in Pittsburgh, we would love to have every ASPE member join us in attending to gain a great deal of education and increase your network of professional contacts. With the fact being that not all members will be able to attend, we would love to be able to make the next best statement: that everyone who does attend is an ASPE member. So, with that in mind, are you planning to attend the 2019 Tech Symposium and are you an ASPE member? If you are not an ASPE member, you could be. If you aren't planning to attend the 2019 Tech Symposium, you still can.

We would love to have you on board! Simply visit our website at aspe.org to begin the process of becoming an ASPE member. If you are an ASPE member, I would like to be the first to thank you for making that choice and being involved in the best plumbing engineering association in the world. Yes, I'm a little biased, but I'm also correct.

Again, we plan to remind you frequently, as in the commercial I mentioned above, that at ASPE it just keeps on going and going. Yes, ASPE will continue "beating the drum" for the plumbing engineering profession. Come join us, as the more people we have beating the drum, the easier it is to sustain the momentum.

Our Newest Infographic Answers “Who Is ASPE?”

Did you ever wonder who comprises ASPE membership? ASPE members are a diverse group of professionals dedicated to protecting the health and safety of the public through the design of safe and sustainable plumbing systems. To help you dig deeper into our demographics, we've developed a new infographic called “Who Is ASPE?,” which you can find at bit.ly/WhoIsASPE. Please feel free to download and share this new infographic with anyone who is interested in learning more about ASPE, and direct them to aspe.org for more information on joining.

New ASPE White Paper Is Published

“Maintaining Domestic Hot Water Return Temperatures Above the Growth Range of Legionella,” written by John S. Lansing, CPD, LEED Green Associate, a Plumbing Designer with Interface Engineering in Portland, Oregon and a member of ASPE's Portland Chapter, presents methodologies for maintaining return temperatures above a selected minimum while optimizing the temperature differential across a system. You can download this white paper at aspe.org/DHWRWP.



'19 CPDT Exam

REGISTRATION
**NOW
OPEN**

Registration closes September 5

EXAM DATES:

September 16–20, 2019

cpdt CERTIFIED PLUMBING
DESIGN TECHNICIAN

Visit aspe.org/CPDTExam for eligibility requirements and to register.

What Are People Saying About ASPE Connect?

ASPE Connect is our newest member benefit, an online community where you can get your design questions answered almost immediately.

- » “I am really impressed with the flow of knowledge on this site. Being in this business of engineering and construction for 53 years, I can say this blog is the most helpful and friendly around.” — David L. Lewis, Technical & Cx Project Director, St. Louis Chapter
 - » “This forum is excellent, and responses are always quick and helpful.” — Andrew Peter, Piping Engineer, Central Florida Chapter
 - » “This is a great forum and is very helpful.” — Scott Jackson, PE, Senior Mechanical Engineer, Pittsburgh Chapter
- Start getting answers to your design questions at connect.aspe.org.

Get to Know the ASPE Board

You know ASPE Board members are active participants in the plumbing design industry, but what do they do when they aren't working? Each 2018–2020 Board member has graciously allowed us a look into their personal life in our new Get to Know initiative, which you can find at aspe.org/board-directors.

Wyndham Grand Pittsburgh Downtown | Pittsburgh, PA

GPD WORKSHOP

CANNONDESIGN Pittsburgh, PA **OCTOBER 24 & 25**

This special workshop is designed for those who are interested in gaining knowledge in performing green plumbing design work to design systems that conserve and protect water supplies and reduce energy consumption in the delivery and use of water. To qualify, you must be a CPD and/or PE.



THIS TWO-DAY WORKSHOP WILL COVER:

- Water conservation measures
- Developing and advising on residential plumbing conservation measures
- Identifying and advising on efficient technology measures
- Preparing for a domestic plumbing inspection report
- Undertaking a commercial or residential plumbing inspection report
- Performing calculations
- Developing product knowledge and recommendations

If you register for both the 2019 ASPE Tech Symposium and the Green Plumbing Design workshop, you will receive 15% off the workshop registration fee!