

## JAN. MEETING AGENDA

**DATE:**

**TUESDAY, JAN. 12, 2021**

**WHERE:**

**VIRTUAL JOINT - ASHRAE / ASPE**

**Meeting**

**12:00 PM - 1:30 PM**

**Climate Change: What is it? How  
Will it Impact the Built Environment?**

### REGISTRATION REQUIRED

To register for this [virtual meeting](https://www.eventbrite.com/e/january-12th-ashrae-virtual-event-joint-meeting-with-aspe-tickets-131468683371), visit the following link: <https://www.eventbrite.com/e/january-12th-ashrae-virtual-event-joint-meeting-with-aspe-tickets-131468683371>

Please register using the above link so that an accurate number of attendees can be obtained. Reminder emails will also be sent to everyone who registers.

Lastly, below is the link to the Microsoft Teams meeting. If someone does not have Microsoft Teams, they will still be able to login through their browser. [Click here to join the meeting](#)

Please note: Effective November 1, 2020: the price is free for members.

SEE INSIDE COVER FOR TABLE OF CONTENTS

## From Pam Hartsell, CPD, PMP President of ASPE EMC



Happy End-of-2020 Eastern Michigan!

Depending on when you read this your outlook for the next month may range from “Anxiously waiting for the Holidays to start/finish”, to “Anxiously looking ahead to the new year”. In any case there is probably a little bit of anxiety in the mix! Please know that you are not alone. Your ASPE Family is here for you!

January starts our year off right with a lunchtime presentation by two local legends, [Janice Means](#) of

LTU and [Jim Newman](#) of Newman Consulting. Janice and Jim will be sharing information from a new chapter in the 2021 ASHRAE Fundamentals Handbook and the discussion will focus on how the Built Environment will be impacted by Climate Change. This is our annual joint meeting with ASHRAE Detroit so watch for an invitation to register through Eventbrite. You can also find a link here in the newsletter. Once again, the meeting will be held virtually so order a delivery from your favorite local restaurant and join us for some mid-day learning!

Thanks to everyone who joined for the November virtual meeting. We had two great Fire Protection presentations from Karl Wiegand of Globe Sprinkler that got great reviews. If you missed it, please don't worry! You can find a link in the VP Technical Report to view the recording on YouTube! You can also request a copy of the slide deck from our VP Tech, Theresa Card.

Our 45th Anniversary was bittersweet. The day came and went without much fanfare but rest assured that we will find a way to gather and celebrate sometime in the new year. If you'd like to read up on our history, look for a notice in the newsletter about how you can order a hard copy, or download the PDF for free at this link: [ASPE EMC 45th Anniversary History Book](#)

Check out the Report from our VP Membership Kristin Simoneaux for the latest info on our membership drive along with some added insights into the benefits of membership!

Another reminder that ASPE has ended its relationship with Plumbing Engineer Magazine. Going forward, you can find all the info you need in ASPE Pipeline: <https://www.aspe.org/pipeline/>

Don't forget to check us out on Social Media! Connect with us on LinkedIn so we can support you! <https://www.linkedin.com/in/aspe-eastern-michigan-chapter-6333251b7/>

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**JANUARY BOARD MEETING**

Virtual Online Meeting 1/5/2020, 4:30 - 5:30 PM

**JANUARY PROGRAM**

Virtual Meeting 1/12/2020, 12:00 - 1:30 PM

**CPD AND CPDT EXAM AND REGISTRATION**

See pg. 7 for scheduling dates.

**ASPE IS ACCEPTING APPLICATIONS FOR THE**

**ALFRED STEELE SCHOLARSHIP**

Contact ASPE National for more information at  
 (847) 296-0002, or email [info@aspe.org](mailto:info@aspe.org)

**President's Report** (cont. from page 1)

Pam Hartsell, CPD

If you or anyone you know is looking to make a move, check out the jobs board on our website. You may just find the perfect opportunity!  
<https://www.aspe.org/eastern-michigan/index.html>

Happy Holidays Everyone! Can't wait to be COVID Free!

Your Chapter President,

Pam Hartsell

[president.aspe.emc@gmail.com](mailto:president.aspe.emc@gmail.com)



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## **JANUARY PRESENTATION**

### **Microsoft Teams Meeting**

**12:00-1:30 PM**

**TOPIC: : Climate Change:  
What is it? How Will it Impact the Built Environment?**

“Climate Change” will be a new chapter in the 2021 ASHRAE Fundamentals Handbook. Attendees will hear an overview of the latest and projected environmental transformations due to climate change, how it is affecting (and will affect) Michigan, and its projected impact on the built environment industry. Attendees are alerted to the fact that design practices as well as standards related to energy, water use and IAQ can be expected to change due to global warming and more frequent and violent weather events. We will hear all about it from two local ASHRAE Life Member engineers who contributed to the writing of the new Climate Change Chapter and who are both trained presenters for the ‘Energy Standard’, ANSI/ASHRAE/IESNA Std. 90.1.

## **SPEAKERS**



**Janice K. Means, P.E., LEED AP,  
FESD**

**Consulting Engineer  
Professor Emerita  
Lawrence Technological University  
Southfield, Michigan**

Janice has worked in, taught and promoted solar energy and sustainability since the 1970’s. She has served on the Boards of the Detroit ASHRAE Chapter (as Past President), the Michigan Solar Energy Association, and the Michigan Interfaith Power and Light (MIPL).

Means is a Registered Professional Engineer and holds a Master’s Degree in Mechanical Engineering from the University of Michigan-Dearborn, a BA in Secondary Education Social Science (Physics Minor) and a BS in General Engineering, both from Oakland University.

She is a Past Chair of the ASHRAE Technical Committee (TC) on Solar and Other Renewable Energies and serves on several other committees at the international level. She is co-author of the Climate Change Chapter to be published in the 2021 ASHRAE Fundamentals Handbook, and ASHRAE’s 2019 Energy Guideline for Historic Buildings. She was co-editor of the 4th and 5th Editions of the ASHRAE GreenGuide—Design, Construction, and Operation of Sustainable Buildings and has presented internationally on energy-related and high-performance building topics.

## **SPEAKERS** (Continued)

Means has received numerous ASHRAE and Engineering Society of Detroit (ESD) awards, is an ESD Fellow, and was most recently honored with the 2020 E.K. Campbell Award of Merit for Outstanding Service and Achievement in Teaching at ASHRAE’s Annual Meeting in Orlando, Florida in February.

In retirement from teaching, she continues to be available to consult and speak on building sustainability topics—especially for historic buildings—and to promote women and minorities entering STEM fields.



**James L. (Jim) Newman, CEM,  
LEED AP BD+C, ASHRAE OPMP  
& BEAP, FESD, FASHRAE**

**Managing Partner  
Newman Consulting Group, LLC  
Farmington Hills, Michigan**

Jim has been an ASHRAE Distinguished Lecturer since 2010, and was awarded an ASHRAE Distinguished Service Award in 2012, and again in 2013. He was a writer of ASHRAE’s 2008 Energy Position Document, is a Past Vice-Chair of the Technical Committee (TC) on Industrial Air Conditioning, and is a corresponding member of several TCs. He has specialized in energy conservation and indoor air quality since the oil embargo of the ‘70s.

He is active in USGBC, BOMA, AIA Committee on the Environment (COTE), and the ULI Commercial Real Estate and Technology Committee. He is Past Chair of the Detroit BOMA Chapter’s Committee on Sustainability, a trainer for the BOMA High Performing Building Certification, and a Fellow of the Engineering Society of Detroit (ESD) and a Fellow of ASHRAE.

Jim speaks about Green and Sustainable topics on radio and TV, and gives seminars world-wide to both technical and non-technical organizations on these and other topics related to the construction industry. He has received awards from numerous organizations and has been published in many magazines and technical journals.

He received a BSME from Tufts University, Boston, MA, and continued his education toward an MBA degree at the University of Detroit and Wayne State University.

Newman Consulting Group (NCG) assists architects and engineers to design energy-efficient buildings that reduce utility bills, increase the value of owners’ buildings, and enhance the productivity of the building occupants. NCG also helps commercial and industrial building owners retrofit existing buildings so they use less energy—and save money—while maintaining or improving the indoor air quality.

## IN THE KNOW

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### EMC 45TH ANNIVERSARY HISTORY BOOK NOW AVAILABLE FOR ORDER!

Available in time for the holidays. \$50 Each

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Pick up @ SES or during a Hybrid Chapter Meeting

FREE digital download on the ASPE EMC website.

### TABLE TOP SPONSORSHIP PRICING

ASPE Members

- \$200.00 for the 1st table per meeting/per vendor
- \$150.00 for each additional table per meeting/per vendor

Non-Members

- \$250.00 for the 1st table per meeting/per vendor
- \$200.00 for each additional table meeting/per vendor

If a vendor purchases table tops for 3 meetings during the year, a 4th meeting table top will be provided for free.



## About Registration and CEUs:

TO REGISTER for the meeting visit the following link: <https://www.eventbrite.com/e/january-12th-ashrae-virtual-event-joint-meeting-with-aspe-tickets-131468683371>

Please register through the above page so that an accurate number of attendees. Reminder emails will also be sent to everyone who registers.

Lastly, below is the link to the Microsoft Teams meeting. If someone does not have Microsoft Teams, they will still be able to login through their browser.

[Click here to join the meeting](#)

FOR CEUS: Please let VP Tech Theresa Card know if you want CEUs as I will need to verify your attendance and submit a list to national for them to provide CEUs to your ASPE Education account.

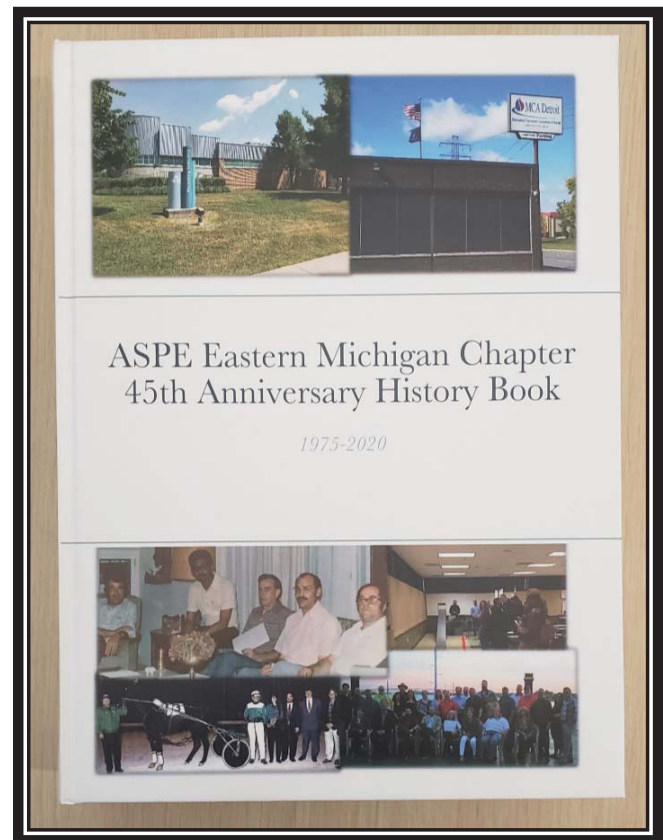
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ASPE EASTERN MICHIGAN CHAPTER  
[WWW.ASPE.ORG/EASTERN-MICHIGAN](http://WWW.ASPE.ORG/EASTERN-MICHIGAN)

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# VP Technical Report

Theresa Card, P.E., CPD, LEED AP BD+C



Hello from your VP Tech!

I hope you all had a good Holiday and a fun New Year! Our December meeting on Fire Protection was great! A really, really good overview of the basics we all need to know. If you weren't able to make it, I highly recommend you check out the recording below.

On that note, if you have missed any of the meetings this year – you can find recordings of them below:

## September Presentations Recordings:

- Part 1 (because my cpu died in the middle of Dan Cole's Hunter's Curve presentation): <https://youtu.be/lthRojeGR9Y>
- Part 2 (Pam was able to start recording soon after my cpu died): <https://youtu.be/YXkz692z2kU>

## October Presentations Recording:

- Full session: [https://youtu.be/mX3Q\\_puSoMc](https://youtu.be/mX3Q_puSoMc)

## November Presentation Recording:

- Full session: <https://youtu.be/GYM9cUIxrWg>

## December Presentation Recording:

- Full session: <https://youtu.be/12HsTuCapY8>

If you would like PDF copies of the slide decks, please let me know.

## January's Meeting

January's Meeting will be a VIRTUAL ONLY meeting, again. This is also our joint meeting with ASHRAE. As such, registration will be through ASHRAE's Eventbrite link only.

Link for virtual registration for January:

<https://www.eventbrite.com/e/january-12th-ashrae-virtual-event-joint-meeting-with-aspe-tickets-131468683371>

Please register through this page so we can get an accurate number of attendees. Reminder emails will also be sent to everyone who registers.

Lastly, below is the link to the *Microsoft Teams meeting*. If someone does not have Microsoft Teams, they will still be able to login through their browser. [Click here to join the meeting](#)

## Notes from December's Meeting.

What a great presentation! We also had a good amount of attendance at 35 attendees. We had one attendee call it "the best of all the webinars" they've attended this year. There is tons of info there – so please reach out if you want the PDFs of the presentation and also I recommend watching the recording from the link above. A couple of items that came out of the meeting that I thought were worth specifically highlighting:

- NFPA 13 is meant to guide us in the layout and installation of fire sprinkler systems, it also encompasses the INITIAL testing of the systems. Once a sprinkler system is installed, all the required testing and maintenance is found in NFPA 25. Something I think we all forget from time to time.
- When do you need an alarm check riser versus a shotgun riser? I know I have heard this questions few times before. Karl explains that the alarm check riser is seen a lot less in construction now as it is more expensive than the shotgun, but in areas where you need a MECHANICAL means of sending the alarm signal (something required by some jurisdictions, mostly overseas) versus an electric means – you have to go with the alarm check.

As we continue to deal with Covid and CDC/DHHS recommendations for meetings in person, please always check your email and our website for the most up to date information on our Programs this very unique 2020-2021 year:

<https://www.aspe.org/eastern-michigan/program.html>

Sincerely,

Theresa Card

[Vpt.aspe.emc@gmail.com](mailto:Vpt.aspe.emc@gmail.com)

# ASPE Announces a New Focus on Society-Branded Communications

November 2, 2020

Since its founding in 1964, the American Society of Plumbing Engineers (ASPE) has been the only international organization for professionals skilled in the design, specification, and inspection of plumbing systems, dedicated to advancing the science of plumbing engineering, the professional growth of our members, and the health, welfare, and safety of the public. At ASPE, we are aware of our responsibility for protecting and growing our brand by disseminating technical information that expands the knowledge base of the plumbing system design industry, and moving into the future, the ASPE brand will continue to grow and gain value as we take advantage of advancements in communication technologies.

Therefore, to achieve that, ASPE is announcing a new and exciting focus of our efforts and resources on providing high-quality content through Society-branded communications. As part of this focus, ASPE will continue to promote and improve our new website, ASPE Pipeline, along with its eponymous biweekly e-newsletter, to disseminate Society and industry information and technical content to ASPE's membership and beyond so we can offer customized articles to our membership, have greater flexibility and control of ASPE content, and optimize membership value.

Why are we doing this now?

After a long and mutually beneficial relationship between ASPE and TMB Publishing, ASPE is also announcing that the two organizations will no longer be in a contractual relationship. ASPE and TMB could no longer agree upon compensation terms; thus, after October 31, 2020, Plumbing Engineer magazine will no longer be identified as "The Official Publication of the American Society of Plumbing Engineers." ASPE has valued the relationship with TMB Publishing and appreciates TMB's assistance in publicizing Society news, promoting ASPE's Convention & Expo and Technical Symposium, and advertising ASPE's Affiliate Sponsor program.

In addition to ASPE Pipeline, ASPE will continue exploring new or additional opportunities to disseminate Society news to the industry; however, as stated, the expansion of ASPE Pipeline will be our main focus initially. The Society is excited about our future digital footprint possibilities.



## **CPDT - 2020 EXAM DATES:**

The exam is held annually in the Fall.

For more info go to:

<https://www.aspe.org/education-credentialing/cpdt/>

**CPD - 2020 EXAM DATES:** The 2021 CPD Exam will be held via remote proctor from April 5 - 18, 2021. Read more about the postponed 2020 CPD Exam due to COVID-19 at:

<https://www.aspe.org/cpdexamcovid19/>

# VP Membership Report

**Kristin Simoneaux, P.E., CPD, LEED**



Happy Holidays everyone! I hope you are all staying healthy and are able to enjoy the upcoming festivities as much as possible. We still have a few openings for new student member sponsorships. Just a reminder, our chapter is offering a free 1-year student membership to eligible students (up to 10 this 2020-2021

season and they are disappearing quickly). In exchange for the free membership, we request the student give feedback on their experience (through either a short interview or writing their own newsletter article) within the first few months of their new membership. If you know of a student that has been contemplating membership, please send them my way!

Are you interested in becoming a mentor? Looking for a mentor? ASPE Connect Mentor Match program will help you reach your professional development goals. You can apply in four easy steps!

Step 1: Complete your ASPE Connect profile

Step 2: Enroll as either a mentor or a mentee (or both!)

Step 3: Search for your topics of interest.

Step 4: Connect with your mentor/mentee!

Did you know you can get a **discount with your ASPE membership** at the ASPE bookstore? Interested in getting your CPD? The bookstore has the study guide! Ever be in a conversation about plumbing and get lost on the terminology? Get the Plumbineering Dictionary! Whatever your plumbing questions, the ASPE bookstore has the answers. With your ASPE membership you get significant discounts!

If you ever have membership questions, please feel free to reach out to me. Until we meet again, stay healthy!

**Kristin Simoneaux, P.E., CPD, LEED AP**  
Associate / Senior Mechanical Engineer  
Direct: (248)336-4760  
[ksimoneaux@stantec.com](mailto:ksimoneaux@stantec.com)

 <p>Electronic Download ASPE's Plumbineering Dictionary <b>Price: \$59.95</b> <b>Member Price: \$29.95</b></p>	 <p>Uncategorized ASPE Tables App <b>Price: \$0.00</b> <b>Member Price: \$0.00</b></p>	 <p>Books CPD Study Guide – 2020 <b>Price: \$85.00</b> <b>Member Price: \$50.00</b></p>
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# Affiliate Liaison Report

Dann Holmes, ASPE Region 2



## ENOUGH, PUT A FORK IN IT

2020 has been one of the longest years in history. Certainly, it has been for me. It seems everything that could possibly go wrong, did go wrong. We even had to add an extra day (leap year) just because we were not getting enough of a good, bad thing. Can we put a fork into 2020 already?

I could easily list hundreds of examples that have tried our patience, our souls, our health, our weight control and physical exercise regimens. These include time not spent with family, friends, schooling, shopping, restaurants, exercising, sporting events, industry events, mentoring and socializing, but I don't need to. You have lived through this too.

Depending on when you get time to read this article, the year is not over, not yet. In fact, the daily blast of good, bad news continues. The UK has just announced they have identified a new variant of the SARS-CoV-2 virus. According to Dr. Jeremy Farrer a prominent UK doctor, this is to be expected as this is an RNA virus and these viruses mutate and change. As of now, don't expect this variant to bring any new challenges, but then again, consider all that has happened. If I was a betting man, and I am not, I would not take this bet.

## RECIPE FOR POSITIVE MESSAGING

Okay, enough of the written display of depression. This is the season we celebrate Hanukkah and Christmas. We have plenty to be thankful for.

Say what? Hear me out. Many generations before us have had to endure much worse conditions than us and with much less to work with. Regardless, these trying times have forced us to adapt to new ways of conducting our personal and working lives. We've needed to become more creative!

Some of this new normal is not settling in all that well with me. On the other hand, I have been able to really develop new techniques that I do not want to give up if we do get back to the "old" normal.

We have heroes living amongst us. They are loved ones, your neighbors, friends, the person in the corner apartment that is "never home". Medical professionals that have performed yeoman's work caring for and treating patients suffering from the coronavirus.

We have witnessed one of the greatest pharmaceutical successes in history, if not the greatest. 9-months ago, all we heard was a vaccine would not be possible until mid, to late 2021 at the earliest. Those that pushed to say it was possible to not only say we would have a vaccine ready, but also distribute it to citizens by the end of the year were maligned.

Many scoffed at the logistics planned to execute this supply chain miracle. Today, we have millions of doses of the vaccine being injected into our frontline healthcare professionals, the elderly and those most prone to severe reactions to the virus due to their age and/or those suffering comorbidities.

Think about what the trucking industry has done for us this year! You get delivers to your door from just about any vendor you would have driven to just a few months ago. Toilet paper. Do you have toilet paper now? We do. Thank the supply chain and a truck driver. I still can't wrap my head around the TP shortage, but we made it.

Now, take time out to say thanks for all the great things that have come your way this year. And let's hope we don't have to buckle ourselves in for a challenging 2021. Thank you all. Happy Hanukkah and Merry Christmas to you and your families. God bless you.

Dann Holmes\* – ASPE Region 2 Affiliate Liaison

NSF International – [r2al@aspe.org](mailto:r2al@aspe.org)

\*Views disclaimer: the views, thoughts, and/or opinions expressed in this article belong solely to the author, and not necessarily to the author's employer, any organization, committee, or other group or individual.





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# DECEMBER MEETING STATS

## THANK YOU TO OUR ATTENDEES!

David Bailey  
 Hannah Berger  
 Jennifer Block  
 Paul Candela  
 Theresa Card  
 Kuo Chen  
 Alan Deal  
 Robert Frey  
 Rachel Gendich  
 Rufina Golshteyn  
 Andy Grajek  
 William Grayzar

Brianne Hall  
 Pamela Hartsell  
 Dann Holmes  
 Thomas Huck  
 Rick Johnston  
 Hank Koppelo  
 Peter Lapham  
 Gayatri Lekshminarayanan  
 Stephen Lucich  
 Sean McIntosh  
 Michael Melaragni  
 Kristian Merritt

Gaurav Patil  
 Joshua Pedraja  
 Yoannys Pena-Rodriguez  
 Brenda Pesmark  
 Pierce Sadlier  
 Manar Saied  
 Justin Schram  
 KristinSimoneaux  
 Michael Taggart  
 Karl Wiegand  
 Quinn Williamson

Become a mentee or mentor through ASPE. Follow below link for more information or contact an ASPE EMC Board Member.

<https://connect.aspe.org/aspe-mentor-match/mentoring>



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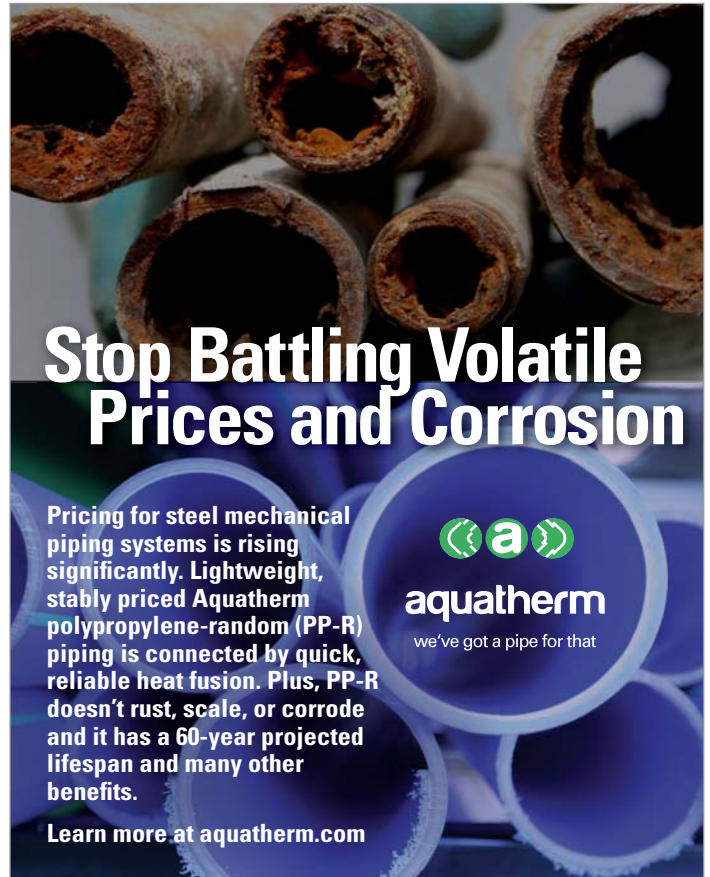
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# ASPE Mentoring Program

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.

### *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

[aspe.org/aspe-mentoring-program](https://aspe.org/aspe-mentoring-program)





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