



CT ASPE NEWS

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**NEWSLETTER OF THE CONNECTICUT
CHAPTER**

March 2023

Next Chapter Meeting

March 15th, 2023

Speaker: Charles "Chas" Tevis
Topic: Types of Grease Interceptors
Location: Portofino's
**246 New Britain Road
Berlin, CT**

Time:
Meet and Greet (typically in bar area): 6:00- 6:30 PM
Chapter Business: 6:30-6:45 PM
Dinner Program/Technical Presentation: 7:00 to 8:00 -
8:30 PM

Cost: \$40 ASPE Members
\$50 Non-ASPE Members

RSVP: March 13th, 2023
Email: Devon.neal@salasobrien.com
Online: www.ctaspe.com Pre-Pay Here

Please include a Full Course Dinner selection from below with your RSVP. All dinner selections must be made in advance:

- Veal Parmigiano
- Stuffed Sole
- Stuffed Chicken w/ Shrimp
- Chicken Marsala
- N.Y. Strip 16 oz.
- Veal Napolitano
- Stuffed Shrimp

Includes: Pasta course, Salad, Dessert, Soda and Coffee.

Payments can be made Online: www.ctaspe.com
Pre-Pay Here

**Payments required to be made
in advance online**

President's Message

Nicole Parker, CT ASPE President

Happy New Year!

We are into March and it seems like Spring is nowhere in sight! Hopefully we will soon be seeing lots of sunshine to melt all the snow away.

HAPPY ST. PATRICK'S DAY!!!!!!



We have been having great attendance at our monthly meetings and we hope to continue this.

Our meeting next month will be at the Rheem Innovative Learning Center in Waterbury, Ct and will be sponsored by EdOs. Since it is sponsored we have decided to charge \$10 per person in which will go towards a raffle prize. So please be on the lookout for more information.

Presenter Biography

Charles "Chas" Tevis, Division Manager for Highland Tank Grease Interceptors, will be presenting on the different types of grease interceptors including both hydro-mechanical and gravity type. Chas will be covering several codes and standards, various sizing methods, installation, maintenance and performance, and will also cover optional equipment such as monitors, pumps, sample boxes, etc.

Chas is a member of and is actively involved with the American Society of Plumbing Engineers (ASPE), Water Environmental and Technology (WEFTEC) and Plumbing and Drainage Institute (PDI). He has participated in the Uniform Plumbing Code Task Group for Fats, Oils, and Grease; the 100 mg/l Task Group for Plumbing and Drainage Institute and was part of the grease interceptor code development for the Canadian Standard Association (CSA B481). Chas has also assisted in the development and patent of a continuous level probe designed to measure fats, oils, and grease in grease interceptors. He has routine interface with pretreatment coordinators, inspectors, engineers, and facilities on grease interceptor design, sizing, performance, maintenance and compliance issues.

CTASPE Chapter News: Tabletop Presenters!!!

We are in search of interested vendors that would be interested in tabletop presentations, will be charging a \$100 fee for those who wish to present a tabletop of their products at the meeting.

If you wish to be a tabletop presenter, please contact either myself at Nicole.parker@salasobrien.com or Devon Neal at Devon.neal@salasobrien.com.

Sponsorship

If there is anyone interested in sponsoring any of the monthly meetings the cost would be \$600. This would give the members an opportunity to come to the meeting free of charge. Please note that if a meeting is sponsored it will be free of charge for all ASPE members, non-members will still be required to pay the normal amount. Again, if you are interested please contact either myself at Nicole.parker@salasobrien.com or Devon Neal at Devon.neal@salasobrien.com.

Newsletter Advertisements

Now is the time to renew your advertisements for the newsletter. Any advertisements that are not renewed will be removed from the newsletter. We encourage new people to purchase advertisements as well as returning folks to renew.

The costs for the ad's are as follows:

Full page = \$500

½ Page = \$250

¼ Page = \$175

Business Card = \$100

Please contact myself at Nicole.parker@salasobrien.com to renew or place an advertisement. All payments for advertisements shall be made online just click the **Pre Pay Here** and use PayPal account or credit card.

Education Corner

Continuing Education Credits for CPD, CPDT, GPD & PE

Here's a few ways to earn CEUs:

- If you are an ASPE member **you can earn 1 free hour of continuing education every month** by visiting <https://aspe.org/content/read-learn-earn> (aspe.org under the education tab). **Set a calendar** reminder to check the website every month.
 - Every month a new article and quiz are added and one quiz expires, so if you're diligent you can earn these 24 hours without incurring any other fees and from the convenience of your home or office. I strongly recommend this option.
- If you're an ASPE member login to aspe.org then visit <https://aspe.org/CEUCenterInfo> to see a log of CEUs earned through ASPE. If this method doesn't work for you create your own method but be diligent and accurate, and keep backups!
- **Proof of attendance or completion must be kept.** I'm sure you're aware of what is acceptable, but if you're not please let me know and I'll show you a sample. Many ASPE chapters award CEU certificates after monthly meetings. If they don't, have your chapter officer speak to me and we can show them how to award certificates to attendees.
 - Here are examples of what is *not acceptable* in the event you are audited: calendar invites, announcements of an event, etc. These don't show proof of attendance.
- Here's resources of all recognized continuing education opportunities:
 - **Webinars:**
<https://aspe.org/WebinarArchives>

Most webinars are 1 hour and offer 0.1 CEUs, we offer live webinars every month and the archives are available too.

Online Education:

<https://aspe.org/content/online-education>

- **CEU Provider Program:**
<https://aspe.org/content/aspe-ceu-provider-program> Many companies have signed up to become an ASPE CEU Provider and their name and courses are listed there.
- **Read, Learn, Earn:**
<https://aspe.org/content/read-learn-earn>
Again, earn 0.1 CEUs every month for FREE (applies to ASPE members)
- **ASPE hosted workshops:** varies throughout the year and award high amounts of CEUs.
- **ASPE Conferences:** Odd years is the [Technical Symposium](#) and even years is the biennial Convention and Expo. Most conferences award more than half of your required CEUs and are an excellent opportunity to meet other professionals in our field.

Credentialing:

The 2023 CPD Exam registration is now open. The exam dates are April 10-21. The exam will be held via proctor again this year.

Completion of the CPD program and examination confers upon the successful candidate the designation "Certified in Plumbing Design (CPD)." The CPD designation is designed to:

- Establish specific standards for professional competence in the field.
- Identify and recognize those individuals who successfully demonstrate their acquired knowledge and abilities.
- Encourage plumbing engineers to participate in a continuing program of professional development.
- Provide a standard for educational programs in plumbing engineering.
- Enhance the status of plumbing engineering as a unique discipline.

The deadline to register for the 2023 exam is March 31, 2023.

CTASPE Membership

As of January 6th, 2023, The Connecticut Chapter's membership is 54. Our membership breakdown is as follows:

	January 2023	February 2023
Full Members:	29	30
Associated Members:	5	6
Affiliate Members:	20	21
Government Members:	0	0
Special Members:	0	0
Student Members:	0	0
Life Members:	0	0
Retired Members:	0	0
Total Members	54	57

Of the 57 members we have 11 PEs, 12 CPDs and 2 PE & CPD.

Of the 57 members we have, 14 are AYPs. Let's work together to spread the word of ASPE to all the young engineers/professionals in our industry. Remind those that do HVAC and will someday stamp plumbing drawings that they need to have the knowledge to properly review their design.

National News

- ASPE releases a new design guide for ***Engineering Methodologies to Reduce the Risk of Legionella in Premise Plumbing Systems*** it is available for purchase on [ASPE's Bookstore](#).
- The updated ***Stormwater Harvesting Standard*** is now published ARCSA/ASPE/ANSI 78-2023 is available for purchase as an eBook on [ASPE's Bookstore](#).
- ASPE has been an ANSI-accredited standards development organization since 2012. All ASPE standards are developed to be published as ANS according to our ANSI-approved *Procedures for ASPE Design Standards Development*. You can learn more about ASPE's standards development program at aspe.org/publications-news/standards.

ASPE Officers' Message

Devon Neal, CT ASPE V.P. Technical

The CT Chapter ASPE would like to thank Steve Callahan of Sloan, for delivering a very educational and entertaining presentation. Steve was very pleased that everyone stayed awake and nobody chose to leave the room during the presentation. Also, thanks for everyone's help and patience with adapting to the new presentation room and projector setup. Everyone should be receiving their certificate of course completion shortly. Below are a few takeaways from Steve's presentation.

Adopting Sensor Technology in Commercial Restrooms to Optimize Hygiene and Sustainable Design

Risk Reduction and Handwashing

- Limiting the amount of surfaces a user touches reduces the potential for cross contamination.
 - "High Touch" surfaces can be limited by using sensor operated fixtures which include faucets, flushometers, soap dispensers and hand dryers.
- Handwashing education in communities reduces the number of people who get sick with diarrhea, reduces diarrheal illness in people with weakened immune systems, and reduces respiratory illnesses, like colds, in the general population.
- CDC Guidelines for Handwashing:
 - Wet hands
 - Turn off tap
 - Apply soap
 - Wash for 20 seconds
 - Dry for 20-30 seconds

Sensor Technology Design and Capability

- Using Sensor technology can help improve hygiene, save water and conserve energy.
- High-risk / Heavily trafficked buildings where sensor applications should be considered include:
 - Healthcare
 - Airports
 - Schools
 - Restaurants
 - Train Stations
 - Offices
 - Hotels
 - Stadiums
- **Infrared Sensors**
 - Infrared senses the reflection of infrared light when a valid "target" is within range.
- **Capacitance (proximity) Sensors**
 - Senses the electrical field surrounding a valid "target" when within range.
 - Cannot be used on metal sinks or near large metal objects.
- **3-in-1 System** - The combination of a sensor activated faucet, soap dispenser and hand dryer deck-mounted on a sink basin.
- Manual flushometers can be retrofitted to touch-free flushometers.
- Touch-free devices also have many advanced technology capabilities including:
 - Adaptive Sensing
 - Guided Handwashing
 - Automatic Line Purge
 - Anti-scald for Handwashing
 - Bluetooth/IoT (Internet of Things)
 - Water Savings
 - Mass Programming/Monitoring
 - Power Harvesting

ASPE Officers' Message



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ProVent Single Stack System, Whisper Quiet Pipe, ProSet Firestop Penetrators.



Decorative drinking fountains + bottle fillers blending aesthetics, durability + functionality. Chillers + filtration



Stainless steel hand sinks, scullery sinks, classroom sinks, mop basins + work tables.



Stainless steel security fixtures for use in jails, detention centers + police stations.

Hey Young Professionals!



REGION 1 AYP PRESENTS:

Fundamentals of Centrifugal Pumps

presented by

RICHARD L. MEDAIROS, PE

WHO

THIS WEBINAR IS
OPEN TO ALL REGION 1
ASPE YOUNG PROFESSIONALS

WHAT

1. TYPES OF CENTRIFUGAL PUMPS
2. GENERATING PUMP CURVES
3. READING PUMP CURVES
4. SELECTING A CENTRIFUGAL PUMP

WHEN

WEDNESDAY
MARCH 15, 2023
12-1PM EST

REGISTER

THIS WEBINAR IS FREE TO ASPE MEMBERS.
A \$5 FEE WILL APPLY TO NON-MEMBERS

Mr. Medairos is a Sr. Systems Engineer and Director of Commercial Training at Taco Comfort Solutions. He has over forty-five years of experience with demonstrated expertise in Engineering, Project Management, and planning.

Throughout his career, he has worked on projects with major clients such as NASA Kennedy Space Center, Disney World, Universal Studios Florida, Boston University, Rhode Island School of Design, First Data Corporation, Dartmouth College, and Taco's Innovation and Development Center.

Hey Young Professionals!

REGION 1 AYP PRESENTS:

Not All Alloys are Created Equal

presented by

LAUREN BERENATO



Lauren Berenato is the National Specifications Manager for Jomar Valve. She joined Jomar in February of 2016. Within her role at Jomar, she educates Engineers, designers, contractors, and manufacturer's rep agencies on designing the most efficient systems.

Within ASPE, Lauren serves on the Region 1 Board as the Affiliate Liaison. She is also involved with the American Supply Association's Women in Industry Division where she is the founding member of the Women in Industry Leadership Book Club. Lauren has been published in *Plumbing and Mechanical Magazine* as well as MCAA's magazine.

Lauren has her Bachelor of Science from Lehigh University in Industrial Engineering, her Juris Doctor from DE Law School, and her Master's in Patent Law from the University of Notre Dame.

WHO

THIS WEBINAR IS OPEN TO ALL REGION 1 ASPE YOUNG PROFESSIONALS

WHAT

1. VALVE MATERIALS
2. BRASS VS. BRONZE
3. DEZINCIFICATION
4. MATERIALS FOR APPLICATIONS

WHEN

WEDNESDAY
JUNE 21, 2023
12-1PM EST

REGISTER

THIS WEBINAR IS FREE TO ASPE MEMBERS.
A \$5 FEE WILL APPLY TO NON-MEMBERS

American Society of Plumbing Engineers

What is ASPE?

The **AMERICAN SOCIETY OF PLUMBING ENGINEERS (ASPE)** is the only organization dedicated to promoting the plumbing engineering profession to both enhance career opportunities for our members and ensure the health, safety, and well-being of the public through the design of safe plumbing, drinking water, and sanitation systems.

WHAT WE DO



Provide continuing professional education programs



Publish design manuals, tools, and standards



Host conferences, tradeshow, and networking events



Certify professionals skilled in plumbing system design



Promote safe and sustainable water and sanitation systems



Represent the industry in local and national government



Help develop safe plumbing and building codes and standards



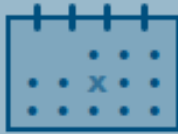
OUR MEMBERS

Our members are individuals working in various professions related to plumbing system design.

← What Is Plumbing Engineering?

Plumbing engineering is a vital part of the design/build construction process. Plumbing engineers use the principles of fluid flow with engineering calculations to design plumbing systems that transport fluids such as water, wastewater, natural gas, and rainwater throughout buildings.

BY THE NUMBERS



Founded in
1964



Number of Members Worldwide

6,500+



13 Elected Board Positions



66 Local Chapters

20+
Technical Publications



2 Special-Interest Groups for Young Professionals and Women

3 Professional Certification Programs



10 Staff Members



INDUSTRY PARTNERS

To achieve our goals, ASPE collaborates with the following organizations:

American Backflow Prevention Association	National Institute of Building Sciences
ARCSA	NSF International
ASHRAE	Plumbing Efficiency Research Coalition
ASSE International	Plumbing Industry Leadership Coalition
Canadian Institute of Plumbing & Heating	Plumbing Manufacturers International
CSA Group	United Association
IAPMO	Water Quality Association
International Code Council	World Plumbing Council

HOW YOU CAN GET INVOLVED



Our Chapters host monthly meetings, golf outings, tradeshow, seminars, picnics, baseball outings, and more fun networking events to help local professionals connect.

Contact a Chapter

Regions

Join Today!

JOIN ASPE

Connect with Us



2022 – 2023

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2022-2023 ASPE Meetings

March 15, 2023

Topic:

Types of Grease Interceptors

Speaker:

Charles "Chas" Tevis

Location:

Portofino's, Berlin, CT

April 18, 2023

Topic:

The Devil is in the Details: Pitfalls of Specifying Commercial Water Heaters & Boilers

Speaker:

Kevin Brace, Rheem

Location:

Rheem Innovative Learning Center, Waterbury, CT

May 17, 2023

Topic:

Gas Safety Design in Educational Science Labs

Speaker:

Chris May - American Gas and Safety

Location:

Portofino's, Berlin, CT

Proposed Program topics subject to change!!!

Chapters are not authorized to speak for the Society

We are open to suggestions on upcoming Program topics!