

ASPE DFW Newsletter

September 2024



President: Brittainy Tidwell, PE, CPD, LEED AP



The DFW ASPE year is off to a great start! Thank you to all who joined us for the Women of ASPE Shotgun clinic and the Renn Burling Memorial Clay Shoot in August. We also have quite a few exciting events on the horizon including the ASPE convention in October and our chapter casino night in November, as well as a valuable technical lunch about Sump Pumps, Sewage Ejectors, and Controls on September 24th and 25th.

Renn Burling Memorial Clay Shoot

Thank you all for joining us for the Renn Burling Memorial Clay Shoot in August. It was a beautiful day to be outside together, which is the best way I can think of to honor Renn. Renn Burling was very involved in our chapter, served on the board, and was a good friend to many of us in the industry and sadly, he passed away in 2021. I am thankful to have known him.

WOA Shotgun Clinic

Once again the Women of ASPE shotgun clinic was a huge hit... pun intended. Doug Jones does a great job introducing folks to the sport of shooting clays in a way that is safe, accessible, and fun. Thank you Doug! We always have new

shooters come out to this event and everyone is knocking clays out by the end of the afternoon. The Women of ASPE group is working to ensure that all of our members feel confident and included in our chapter.

ASPE Convention

There is still time to register for the ASPE Convention & Expo in Columbus, Ohio. The convention is Oct. 18-23rd and there will be almost 300 exhibitors in the expo hall and 25 technical sessions covering Healthcare, Specialty/Fire Protection Systems, Water Quality, System Design, and Codes & Standards. Visit expo.aspe.org for more information and to register!

Casino Night

We are hosting a Casino night on November 8th! Please join us for a glamorous night of games, dinner, and dancing. Tickets include a plus one so we look forward to meeting your better halves, I'll be bringing the First Man of ASPE DFW. Visit the website to get signed up, it's going to be a party!

Thank you all and I'm looking forward to another great month together.

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Women of ASPE Clay Shoot Clinic—Kendra Barnes



The Women of ASPE hosted a Clay Shoot Clinic on August 19th, just in time to sharpen our shooter's skills ahead of the 2024 Renn Burling Memorial ASPE Clay Shoot.

This was a standout event that seamlessly combined skill development, camaraderie, and empowerment.

From the moment participants arrived, it was clear that this was no ordinary shooting clinic. The clinic was expertly led by Doug Jones with Lochinvar who led the basics in digestible parts ensuring that every participant, regardless of experience level, felt confident and capable.

We powered through the 100+ degree heatwave to tackle some clay shots and hone in our approach! A special thanks to our sponsors, Lochinvar and Oslin Nation, who supplied our fuel with Pizza and Refreshments!



VP Membership: Keith Davis



Welcome new members! Garrett Bennett (Freese Nichols), Brad Childers (EMA), Miguel Castro, Samantha Hanna (OmegaFlex), Matthew Hergenrether, PE (HPMB Consulting Engineers, Calos Mendoza (Jacobs).

The DFW Chapter Board of Directors appreciates help from each of you for recruiting colleagues and contacts to the ASPE DFW Chapter!

COMMITTEE POSITIONS

AYP Chair

Angelo Casale
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Fund Raising Chair (Events)

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Chapter	Aug-23	Aug-24	YOY
Chicago	275	294	7%
Dallas/Ft. Worth	252	260	3%
Houston	229	244	7%
Wisconsin	163	163	0%
Minnesota	152	155	2%
Central Texas	139	147	6%
Kansas City	123	133	8%
St. Louis	122	127	4%
Omaha	74	76	3%
Oklahoma	75	67	-11%
Arkansas	45	53	18%
Central Illinois	32	31	-3%
Lubbock High Plains	9	11	22%
Region 5 Total:	1690	1761	4%



2024 Renn Burling Memorial ASPE Clay Shoot—Brett McQueen, CPD, GPD

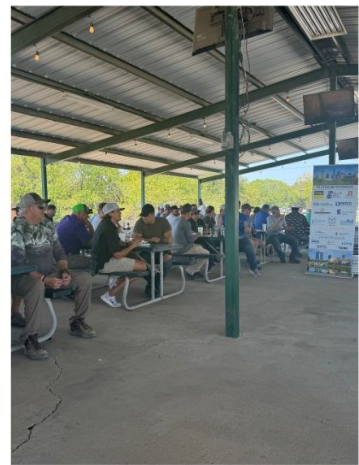
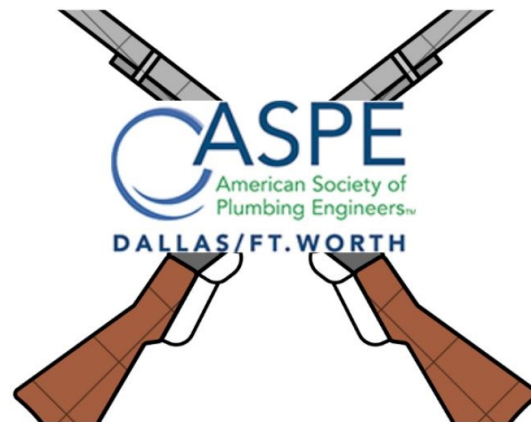
17 teams, 67 shooters, 3853 clay pigeons hit, and a cool 98 degrees. We had a great turnout at the clay shoot and this year had some fresh new shooters and some extremely seasoned shooters. I'm glad everyone made it through the day safely and hopefully this heatwave is behind us. Our ASPE Top Gun - Ryan Younker with a score of 95 beating our past year's Top Gun of Matt Heidrick @ 92. Close behind this year's leader; Dean Schreiter @ 93 and Scott Grissom @ 90.



Who made the podium?

- 1st Team PMI - Ryan Younker, Matt Heidrick, Scott Grissom & Dean Schreiter
- 2nd Team Chumley - Chris Chumley, Jareth Petro & Gabe Lalalde
- 3rd Team Viega - Stephen Wells, Jerry Munoz, Mitchell Burnaugh & Jacob Adcock

Thanks to those of you who attended our clay shoot this past August. A special thanks to our volunteers; Brittainy Tidwell, Luke Martin, Tim Campbell, Curtis Dady, Angel Diaz, Melanie Willhite and our friends at leaderboard. I'd also like to thank our breakfast sponsor Nibco as they celebrate their 120-year anniversary. Our lunch sponsor Tigerflow, that Mike Anderson's BBQ was phenomenal and lastly, I'd like to thank Uponsor our station sponsor for the event. Thank you for the continued support, see you next season, quack quack.



CASINO NIGHT

November 8, 2024 // 6–11 p.m.

CASPE
American Society of
Plumbing Engineers™
DALLAS/FT.WORTH

SCHEDULE

6-7 p.m.

Product Social Hour
Open Bar and Apps

7 p.m.

Dinner Buffet Opens

7-10 p.m.

Casino Night:
Roulette, Craps, Poker, Blackjack

7-10 p.m.

Silent Auction and Raffle
Music and Dancing

COST

Member Ticket: \$60
(Plus 1 Included)

Nonmembers: \$100

Includes Lyft Credit

6' Product Display Table: \$500

Vow

meeting & event space
4445 Sigma Rd.
Dallas, TX 75244

SAVE
THE
DATE!

QUESTIONS?

Contact Brett McQueen, CPD:
bmcqueen@ssr-inc.com

2024 Events

Chapter Events

- ◇ September 24/25 Technical Meeting
- ◇ October 29/30 Technical Meeting
- ◇ Casino Night—November 8

WOA/AYP Social Events for 2024

- ◇ Trivia Night—January
- ◇ Painting with a Twist—March
- ◇ Trivia Night encore—April
- ◇ Glass Blowing—May
- ◇ Escape Room—June
- ◇ Axe Throwing—July
- ◇ Introductory Clay Shoot—August
- ◇ Bowling—September
- ◇ VR Sports Arena—October
- ◇ Arcade—December
- ◇ BBQ Pitmaster Masterclass—TBD
- ◇ Wine Making—TBD

DFW ASPE SPONSORS

PLATINUM



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, tradeshows, 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



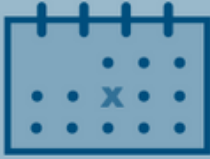
OUR MEMBERS

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

Contact a Chapter

Join Today!



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

Connect with Us





CERTIFIED IN PLUMBING DESIGNSM

CERTIFIED IN PLUMBING DESIGN (CPD), administered by the American Society of Plumbing Engineers (ASPE), is the only international certification program specifically for engineers and designers of plumbing systems. Professionals who have the CPD credential are considered to have the highest level of skills in the design and specification of plumbing systems.

EARNING & MAINTAINING THE CPD CREDENTIAL

Am I eligible?

Route 1:

4 year engineering degree + 4 years of work experience designing plumbing systems

Route 2:

8 years of work experience designing plumbing systems

Other eligibility options:



Current CPDT certification counts toward 1 year of experience

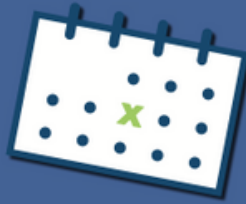


PE license counts toward 2 years of experience

When can I take the exam?



The exam is held **annually** in the spring



Registration typically opens in December prior to the exam date



You can register online at education.aspe.org

Where do I take the exam?

The CPD exam is held at **online testing centers** around the world



Did I pass or fail?

Scores are **mailed** 6 to 8 weeks after the exam



Maintaining your CPD credential

- ✓ You must earn 24 hours of continuing education every 2 years
- ✓ You can find recertification details at aspe.org/education-credentialing/cpd/recertification/

For more info:

aspe.org/education-credentialing/cpd/
or email certification@aspe.org



WHAT IS A Plumbing Engineer?

PLUMBING ENGINEERS are a vital part of design/build construction teams for residential, commercial, and industrial facilities. They interact with other construction trades to provide building owners with efficient, functional, and sustainable plumbing systems that protect the health, welfare, and safety of the public and prevent environmental contamination.

WHAT DO PLUMBING ENGINEERS DO?

PLUMBING ENGINEERS use the principles of fluid flow along with engineering calculations to design plumbing systems that transport fluids and gases throughout buildings. Those systems include:

$$S = \frac{rpm\sqrt{Q}}{NPSH^{0.75}}$$
$$x 2.31 - h_f, L_f + \frac{(P_B - V_p)}{\text{Specific gravity}}$$



Domestic water systems



Wastewater



Fuel gas



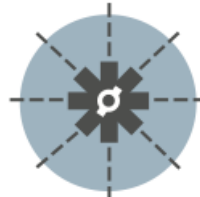
Medical gas & vacuum



Compressed air



High-purity water



Fire suppression



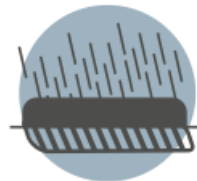
Chemical waste



Rain & stormwater systems



Venting



Site & building drainage



Water efficiency

WHAT DOES THE PROFESSION ENTAIL?

"The old adage that 'anyone can do plumbing' does not hold water anymore. A diversified and accomplished plumbing engineer is a valuable commodity in the design/build market."



PLUMBING ENGINEERS are highly skilled individuals involved in many different aspects of the design/build process, including:

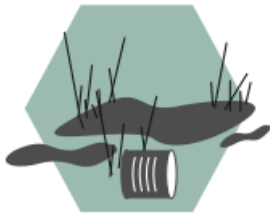
PLUMBING SYSTEM DESIGN	COMMISSIONING
PROJECT MANAGEMENT	CODE & STANDARD EXPERTISE
CONSTRUCTION ADMINISTRATION	FORENSIC & SUBSURFACE SYSTEM EVALUATION
BUILDING INFORMATION MODELING (REVIT)	COST ESTIMATION
PRODUCT & SYSTEM SPECIFICATION	PROBLEM SOLVING

PROTECTING PEOPLE & THE ENVIRONMENT

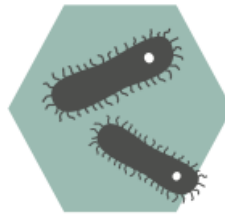
PLUMBING ENGINEERS help eliminate many of the threats that sicken people and harm the environment on a global scale by:



Delivering safe drinking water & sanitation systems



Combating groundwater contamination & depletion

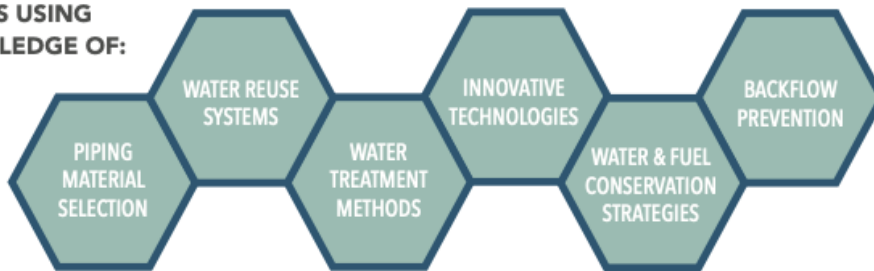


Preventing waterborne diseases



“Through their designs, plumbing engineers affect every life.”

THEY DO THIS USING THEIR KNOWLEDGE OF:



HOW TO LEARN MORE

The American Society of Plumbing Engineers (ASPE) is the only association dedicated to promoting the plumbing engineering profession and helping plumbing engineers advance in their careers. Our members have a wealth of knowledge and experience and are ready to help others learn more about the industry.



To discover ASPE and find local contacts, visit:

aspe.org



Connect with Us



ASPE 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

connect.aspe.org

