

ASPE DFW Newsletter

May 2024



President: Brett McQueen, CPD

Dallas...STARS! It's an exciting week in sports as the Stars and Mavericks both advance to the next round of the playoffs. Also advancing to the next level are the talented individuals that make up the Dallas Ft Worth Chapter Board. If you'd like to run for office or volunteer, email chapter@dfwaspe.org by May 17th to be added to the ballot. In other news, registration for the Clay Shoot and Casino Night is open! Please register as soon as possible so we can get the most accurate head count.



Elected Positions

President – Brittainy Tidwell (Huitt-Zollars)

VP Technical – TBD

VP Legislative – Tim Campbell (MJEC)

VP Membership – Keith Davis (Jones Stephens)

Treasurer – Melanie Willhite (SSR)

Administrative Secretary – TBD

Corresponding Secretary - Greg Swafford (SSR)

All other positions shall be appointed by the newly elected board.

Draft Election Ballot 2024-2026 (Elections held at the end of May)

President Brett McQueen, CPD
bmcqueen@ssr-inc.com

VP Membership Keith Davis
vpmembership@dfwaspe.org

Treasurer Melanie Willhite, FPE, CPD
mwillhite@ssr-inc.com

VP Technical Brittainy Tidwell, PE, CPD LEED AP
vpotech@dfwaspe.org

VP Legislative TBD
vplegislative@dfwaspe.org

Admin Secretary Erin Hollingsworth
Erin.hollingsworth@hts.com

COMMITTEE POSITIONS

AYP Chair

Yolanda Mashni
ayp@dfwaspe.org

WOA Chair

Kendra Barnes
kendra.barnes@rehau.com

Social Media Chair

Kendra Barnes
kendra.barnes@rehau.com

Education Chair

Mike Danielson
mdanielson@rwb.net

Webmaster

Tim Campbell
timc@mgec.com

Newsletter Editor

Curtis Dady
curtisd@pmireps.com

Fund Raising Chair (Events)

Erin Hollingsworth
erin.hollingsworth@hts.com

Product Show Chair

Anthony Gonzalez
agonzalez@onco-tx.com

Historian

Jim Vertz, CET, FASPE
rowlett10@verizon.net

Affiliate Liaison

Luke Martin
luke.martin@viega.us

SPONSORSHIP OPPORTUNITY FOR THE ANNUAL REGION 5 MEETING

This is open to vendors, ASPE Region 5 chapters, and engineering firms that support and benefit from ASPE

2024 REGION 5 MEETING JUNE 7-9, 2024

American Society of Plumbing Engineers

SPONSORSHIP OPPORTUNITIES

Friday Night Event Title Sponsor: \$2,000 (Limit 2)

Company logo on banner at the entrance to event
Recognition and gratitude during welcome speech
Recognition and large company logo on banner displayed during meeting
Recognition on presentation slide to start and end the meeting
Thank you slide on display during break periods

Saturday Night Event Title Sponsor: \$2,000 (Limit 2)

Company logo on banner at the entrance to event
Recognition and gratitude during closing speech
Recognition and large company logo on banner displayed during meeting
Recognition on presentation slide to start and end the meeting
Thank you slide on display during break periods

Presidents Meeting Food and Beverage Title Sponsor: \$1,000 (Limit 4)

Recognition and gratitude during welcome and closing speeches
Recognition and large company logo on banner displayed during meeting
Recognition on presentation slide to start and end the meeting
Thank you slide on display during break periods

Silver: \$300

Recognition and medium company logo on banner displayed during meeting
Recognition on presentation slide to start and end the meeting
Thank you slide on display during break periods

Bronze: \$100

Recognition and small company logo on banner displayed during meeting
Recognition on presentation slide to start and end the meeting
Thank you slide on display during break periods

Sign up at:

aspe-ok.org/meetinginfo.php?id=105&ts=1713278234

CONTACT

Andrew Herndon
aherndon@cyntergy.com
or
Nicholas Hipp
nhipp@caseengineeringinc.com

SCHEDULE

Saturday Presidents Meeting

8:00 a.m. – 5:00 p.m.
Hyatt Regency Tulsa Downtown
100 E 2nd St S, Tulsa, OK 74103
Breakfast: 6:00–7:55 a.m.
Lunch: noon–1:00 p.m.

Snacks and refreshments provided throughout the day

Friday Night Welcome Event

An evening of cocktails and bicycle racing (Tulsa Tough)
5:00–9:00 p.m.
The Brook Restaurant and Bar
201 E 2nd St S, Tulsa, OK 74103

Saturday Night Closing Event

A dinner with the Region 5 ASPE Family
6:30–10 p.m.
PR:HYME : Downtown Steakhouse
111 N Main St, Tulsa, OK 74103



**Hyatt Regency Tulsa Downtown
100 E 2nd St S, Tulsa, OK 74103**

VP Membership: Keith Davis



Welcome new members! Angelo Casale (WSP), Coby Jones, Carlos Martinez (Guardian Equipment), Curtis Plunk (Brandt), BJ Shrader (McWane Plumbing Group)

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

Chapter	Full Associate	Affiliate	Total	PE	CPD	CPD + PE	
Chicago	143	32	115	298	51	67	22
Dallas/Ft. Worth	138	67	60	274	70	49	17
Houston	102	40	96	245	34	33	14
Wisconsin	87	32	45	167	34	13	3
Central Texas	79	26	43	150	31	26	3
Minnesota	92	13	39	147	43	26	4
Kansas City	72	25	29	133	45	17	7
St. Louis	69	15	40	127	33	27	8
Omaha	49	7	14	72	15	14	1
Oklahoma	37	5	28	71	19	5	0
Arkansas	26	4	22	52	11	5	0
Central Illinois	15	4	8	28	7	6	1
Lubbock High Plains	7	2	1	10	5	0	0
Region 5 Total:	916	272	540	1774	398	288	80



2024 ASPE DFW GOLF TOURNAMENT



DFW ASPE SPONSORS

PLATINUM



GOLD

SILVER



THANK YOU,
SPONSORS!



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



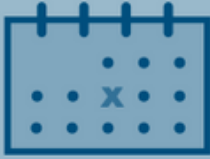
OUR MEMBERS

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

ARCSA

ASHRAE

ASSE International

Canadian Institute of Plumbing & Heating

CSA Group

IAPMO

International Code Council

National Institute of Building Sciences

NSF International

Plumbing Efficiency Research Coalition

Plumbing Industry Leadership Coalition

Plumbing Manufacturers International

United Association

Water Quality Association

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

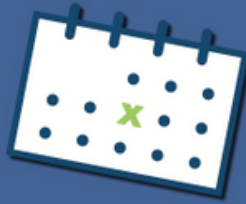


PE license counts toward 2 years of experience

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





2024 CPD Exam Dates: April 15–26

The CPD Exam

To be eligible to take the CPD Examination, a candidate must possess:

Full ASPE membership or previously received approval to sit for the exam starting November 22, 2021; or

A minimum of four years of experience in a position of responsibility for the design of plumbing systems and possess a baccalaureate degree in a field related to engineering; or

In lieu of an accredited degree, a candidate may substitute up to an additional four years of practical experience in the design of plumbing systems, for a total of eight years, or be granted a credit of one-half year of practical experience for each full year of education in an accredited curriculum related to plumbing engineering.

CPDT Certification counts towards 1 year of experience.

Here's more about the CPD Examination:

[General exam FAQs](#)

[Exam open book policy FAQs](#)

[2023 CPD Bulletin](#)

The exam is [remote proctored](#).

[CPD eligibility form](#)

The 2024 CPD Exam fees are:

ASPE Members \$450

Nonmembers \$675

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



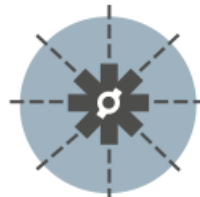
Medical gas & vacuum



Compressed air



High-purity water



Fire suppression



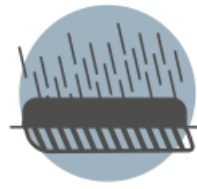
Chemical waste



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:

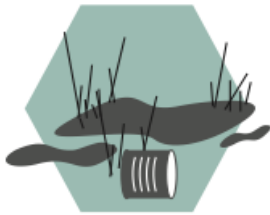
PLUMBING SYSTEM DESIGN	COMMISSIONING
PROJECT MANAGEMENT	CODE & STANDARD EXPERTISE
CONSTRUCTION ADMINISTRATION	FORENSIC & SUBSURFACE SYSTEM EVALUATION
BUILDING INFORMATION MODELING (REVIT)	COST ESTIMATION
PRODUCT & SYSTEM SPECIFICATION	PROBLEM SOLVING

PROTECTING PEOPLE & THE ENVIRONMENT

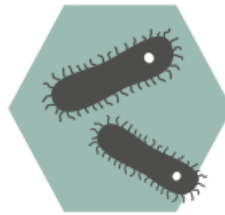
PLUMBING ENGINEERS help eliminate many of the threats that sicken people and harm the environment on a global scale by:



Delivering safe drinking water & sanitation systems



Combating groundwater contamination & depletion

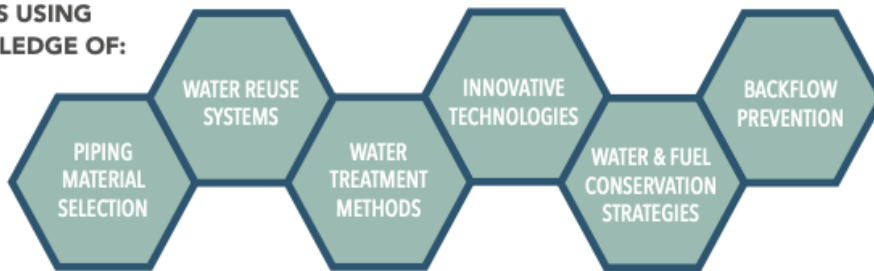


Preventing waterborne diseases



“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



2024 Events

Chapter Events

- ◇ Golf Tournament—April 19
- ◇ Clay Shoot—August 23
- ◇ ASPE Convention Columbus Ohio—October 18-23
- ◇ Casino Night—November 8

WOA/AYP Social Events or 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