

Chapters are not authorized to speak for the Society, the views and opinions of this Chapter are those of the respective authors and do not necessarily reflect the official policy or position of the Society or its staff.



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FEBRUARY 2023

TOPIC: HEALTHIER & SAFER DOMESTIC HOT WATER SYSTEMS

PRESENTER: RICK LaROSE - ARMSTRONG INTERNATIONAL

**WHEN: WED., FEBRUARY 8th
11:45 am - 1:30 pm**

**WHERE: VIA ZOOM MEETING @
<https://moseleyarch.zoom.us/j/88384992951>
(highlight web address then right click & select Go To...)**

BOARD OF DIRECTORS:

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ASPE Young Professionals Chapter Liaison

Eric Geisendaffer - Bay Associates
eric@bayassociates.com

GREETINGS FROM THE PRESIDENT

President's Message...

This Valentines Day our Chapter is reminded of how quickly things can change and how important it is to express our love for all our Richmond Chapter membership and beyond. Many of us have come to look at the relationships we've built thru ASPE as true friendships rather than mere work acquaintances. Our love and support go out to the Lesemann family during this difficult time, as well as all those who's lives he touched over the many years Bill was with the ASPE and Richmond communities. You will truly be missed Bill.

We are continuing to book our next fiscal season chapter technical meetings, so if you or anyone you know, would like to get on the schedule to present to our chapter please reach out.

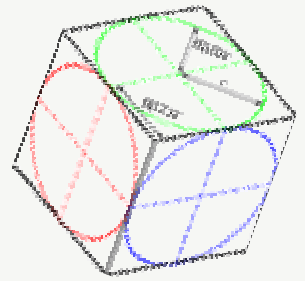
I look forward to seeing everyone for the virtual monthly meeting, tomorrow Wednesday the 8th. If you need the virtual zoom meeting invitation please let me know and I'll get it to you as soon as possible.

As always, if you have any questions, comments or concerns, please do not hesitate to reach out to me or anyone on the board.



**JOSHUA H. LANDIS, CPD
PRESIDENT, ASPE RICHMOND CHAPTER**

TECHNICAL SCHEDULE



Presentation Lineup

- **March 8**
 - **Safety First! Specifying Emergency Showers & Eyewashes**
 - Guardian (The Joyce Agency)
- **April 12**
 - **Specifying Plumbing Fixtures for K-12 + Higher Education Facilities**
 - Sloan Valves (The Joyce Agency)
- **May 10**
 - **Specifying for Safety: Emergency Eyewash & Shower Equipment**
 - (Lesemann Inc.)

VP MEMBERSHIP - ROB GRUBBS

It's never too late to join ASPE! The monthly meetings are just one of the advantages to becoming a member. Current members, please encourage your colleague's to attend our monthly meetings and consider joining the ASPE family. Visit <https://www.aspe.org/join> for more information.



WELCOME!

Hunter Ellmaker - PACE Collaborative

LET'S CELEBRATE!



BIRTHDAYS

Patrick O'Neil	2/1
Josh Landis	2/17
Alex Hammond	2/29

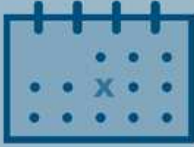
ANNIVERSARIES

John Cain	2/19/1992
Jay Otto	2/29/1996
Eric Scott	2/25/2009
Chris White	2/13/2013
Kim Griffin	2/25/2015
John Sharp-Stevenson	2/21/2021
Anthony Pugliese	2/22/2021
Patty Colwell	2/7/2022
Bobby Maxwell	2/23/2022
Tyler Simms	2/25/2022

VP MEMBERSHIP - ROB GRUBBS - CONT'D



BY THE NUMBERS



Founded in
1964



Number of Members Worldwide

6,500+



13 Elected Board Positions



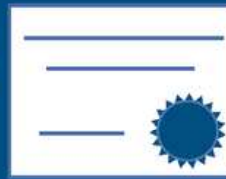
66 Local Chapters

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





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, 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

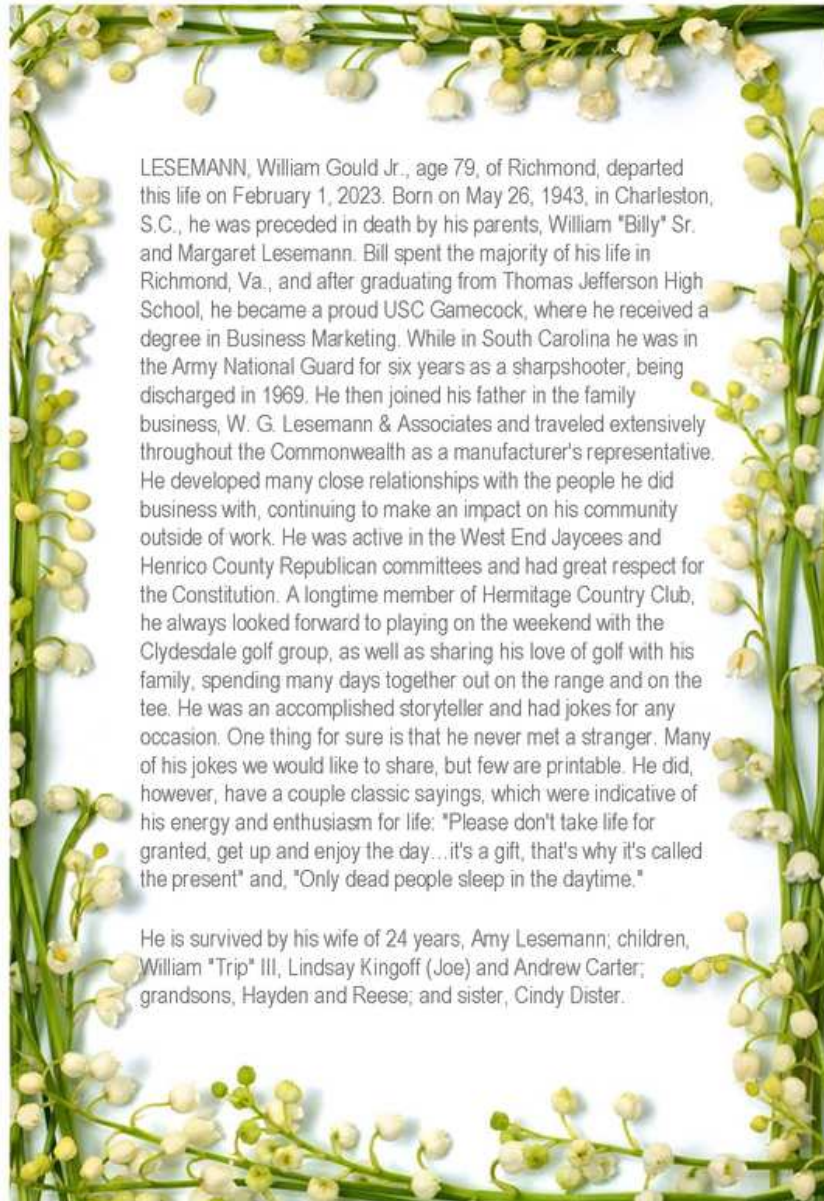
Our members are individuals working in various professions related to plumbing system design.

← 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.

Condolences

We're saddened by the recent news of Bill Lesemann, Jr.'s passing. He was a constant in our industry for more than 50 year's and has been a member of ASPE since 1971!! There are few, if any, who didn't at least know of him as well as the W. G. Lesemann rep agency. Bill was one of the good guys who never met a stranger and loved life. We extend our deepest sympathies to his family during this difficult time.



LESEMANN, William Gould Jr., age 79, of Richmond, departed this life on February 1, 2023. Born on May 26, 1943, in Charleston, S.C., he was preceded in death by his parents, William "Billy" Sr. and Margaret Lesemann. Bill spent the majority of his life in Richmond, Va., and after graduating from Thomas Jefferson High School, he became a proud USC Gamecock, where he received a degree in Business Marketing. While in South Carolina he was in the Army National Guard for six years as a sharpshooter, being discharged in 1969. He then joined his father in the family business, W. G. Lesemann & Associates and traveled extensively throughout the Commonwealth as a manufacturer's representative. He developed many close relationships with the people he did business with, continuing to make an impact on his community outside of work. He was active in the West End Jaycees and Henrico County Republican committees and had great respect for the Constitution. A longtime member of Hermitage Country Club, he always looked forward to playing on the weekend with the Clydesdale golf group, as well as sharing his love of golf with his family, spending many days together out on the range and on the tee. He was an accomplished storyteller and had jokes for any occasion. One thing for sure is that he never met a stranger. Many of his jokes we would like to share, but few are printable. He did, however, have a couple classic sayings, which were indicative of his energy and enthusiasm for life: "Please don't take life for granted, get up and enjoy the day...it's a gift, that's why it's called the present" and, "Only dead people sleep in the daytime."

He is survived by his wife of 24 years, Amy Lesemann; children, William "Trip" III, Lindsay Kingoff (Joe) and Andrew Carter; grandsons, Hayden and Reese; and sister, Cindy Dister.



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.

INDUSTRY OPPORTUNITIES

Plumbing Designer/Engineer

Charlotte, North Carolina

Moseley Architects is currently seeking a full-time Plumbing Designer/ Engineer to be an integral member of our team in our Charlotte, North Carolina office. If you're ready to make a difference, and you meet the following criteria, we want to hear from you.

Location: Charlotte, North Carolina

Experience

- 3+ years of plumbing engineering design experience preferably with large institutional or commercial projects from schematic design through construction administration.
- A four-year engineering degree from an accredited college or university, or equivalent experience is preferred but is not required.

Responsibilities

- Experience with calculations, design, layout and specifications of commercial and institutional plumbing systems.
- Good working knowledge of the International Plumbing Code.
- Strong communication skills are essential, along with the ability to work effectively within an AE environment as an effective member of multi-discipline project teams.
- Ability to successfully handle multiple projects simultaneously in a deadline-driven environment with minimal oversight.
- Excellent organizational skills with the ability to provide strict attention to detail and be a good troubleshooter and problem solver who works well under pressure with a can-do attitude.

Required Skills and Software Proficiencies

- Ability to work in a collaborative environment to meet specific deadlines
- A good working knowledge of REVIT is preferred.
- Microsoft Office Suite

A valid, unrestricted driver's license and driving record, as deemed acceptable by our firm's liability insurance carrier, must be presented, and maintained.

To apply, please submit your cover letter, targeted résumé, and references online at

<http://www.moseleyarchitects.com/career/> or via mail at 3200 Norfolk Street, Richmond, VA 23230, Attn: Human Resources.

Benefits

Moseley Architects provides competitive salaries and a comprehensive benefits package for all full-time employees, including:

- Employer-paid health insurance
- Employer-paid basic life insurance
- Dental Insurance
- Vision Insurance
- Pet Insurance
- Whole and Term life insurance
- Health FSA/Dependent Care FSA
- Telemedicine services
- Payments of qualifying professional licenses/dues
- Short-term and long-term disability insurance
- 401 (k) with employer match
- Paid Parental Leave
- Paid annual/sick/personal day leave
- Hybrid work model (when applicable)
- Wellness programs

INDUSTRY OPPORTUNITIES

Plumbing Designer/Engineer

Raleigh, North Carolina

Moseley Architects is currently seeking a full-time Plumbing Designer/ Engineer to be an integral member of our team in our Raleigh, North Carolina office. If you're ready to make a difference, and you meet the following criteria, we want to hear from you.

Location: Raleigh, North Carolina

Experience

- 3+ years of plumbing engineering design experience preferably with large institutional or commercial projects from schematic design through construction administration.
- A four-year engineering degree from an accredited college or university, or equivalent experience is preferred but is not required.

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- Experience with calculations, design, layout and specifications of commercial and institutional plumbing systems.
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- Vision Insurance
- Pet Insurance
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- Telemedicine services
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- Short-term and long-term disability insurance
- 401 (k) with employer match
- Paid Parental Leave
- Paid annual/sick/personal day leave
- Hybrid work model (when applicable)
- Wellness programs

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INDUSTRY ADS



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The NEW toilet from Sloan features Centriflo technology that delivers a more powerful flush. The sleek bowl design without rim holes provides a surge of water that makes a vigorous water cyclone that clears and cleans the bowl with every flush. Available in 1.1gpf, 1.28gpf, and 1.6gpf for ultra-high efficiency options. The 17" elongated rim is ADA-compliant, making it ideal for a wide range of applications. Get all the features of a one-piece look with the benefits of a two-piece toilet!



Optimix Faucet

Bring market-leading anti-scaled technology to any facility with the new line of Optimix faucets that are ASSE-1070 compliant! This faucet offers the industry's fastest, most effective anti-scald technology incorporated directly into the faucet spout, providing a safe water temperature for new or retrofit projects. The water is mixed as it passes through the spout of the faucet and can be set to the desired temperature to get comfortable, safe water every time.



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Wirelessly monitor the health and status of your fixtures with Sloan's newest line of connected products. Easily generate and share diagnostic reports, quickly access product technical data, and simplify tracking through Bluetooth technology. Stay in control with the Sloan Connect App to adjust and configure the connected faucets and flushometers, all from a smartphone device. Existing fixtures can easily be updated with the Bluetooth Adapter, available for qualifying fixtures.



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*A Special Thank You to Everyone Who has Placed Ads This Season!
Let us know if you want your ad included*

Newsletter and Webpage Advertisement Costs

Full Page Newsletter (per season)

ASPE Member \$375

Non-Member \$450

Half Page Newsletter (per season)

ASPE Member \$275

Non-Member \$350

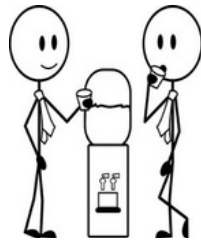
Business Card Newsletter (per season)

ASPE Member \$75

Non-Member \$150

TALK AROUND THE WATER COOLER...

Check-out these sites for interesting and educational topics & tools to stay up to date!



ASPEPipeline

News for the Plumbing System Installer Industry

1. ASPE Seeks PEs to Take NCEES Survey

ASPE's Professional Engineer Working Group (PEWG) has been working to establish a plumbing option within the suite of PE Mechanical exams offered by NCEES. The PEWG has achieved its goal of obtaining state support, and now we need Professional Engineers to help accomplish the mission by participating in a NCEES survey. Visit ASPE Pipeline to learn more.



2. Deadline to Register for the 2023 CPD Exam Is March 31

The CPD program is the only international credential for engineers and designers of plumbing systems. To register for this year's exam, visit ASPE Education.



3. 2023 Tech Symposium Call for Presentations Deadline Is February 28

If you would like to showcase your expertise in plumbing system design by presenting a technical session at the 2023 ASPE Tech Symposium, please submit your presentation by February 28 at aspe.org/2023-presenter-application. We specifically are looking for presentations in the following topic areas: Codes & Standards, Water Quality, System Design, Sustainability, Construction, Specialty Design, Fire Protection & Life Safety, and Med Gas/Healthcare.

4. NFPA Releases New Edition of the Fire Protection Handbook for pre-order

The National Fire Protection Association® (NFPA®) has released its 21st edition of the Fire Protection Handbook (FPH). The two-volume printed set is now available for pre-order. One of the organization's most significant publications, the Handbook is a comprehensive, one-of-a-kind reference guide of fire and life-safety prevention and protection information for students and professionals across a wide range of industries worldwide. <https://catalog.nfpa.org/Fire-Protection-Handbook-21st-Edition>



BE SURE TO CHECKOUT THESE COLUMNS FOUND IN PIPELINE EXCLUSIVES SECTION:
[HTTPS://WWW.ASPE.ORG/PIPELINE/CATEGORY/PIPELINE-EXCLUSIVES/](https://www.aspe.org/pipeline/category/pipeline-exclusives/)



Membership Matters

by Jason McDonald, CPD, FASPE
2022/24 ASPE VP, Membership

READY TO ROLL

Have you ever wanted to volunteer for an ASPE committee? Vice President, Membership Jason McDonald explains how to get involved in his latest Membership Matters.



Region 1 Update

by Paul Freeman, P.E., CPD
2022/24 ASPE Region 1 Director

SAY HELLO TO OUR NEW REGION 1 DIRECTOR

In his first column on ASPE Pipeline, ASPE's new Region 1 Director shares the story of his ASPE membership and provides an update on what's happening in Region 1. .

EDUCATION STATION



REMINDER! ASPE revamped their learning platform!! The new site is education.aspe.org. All educational programs and articles have transitioned over to the new site now. If you are looking to earn CEU's and/or enhance your skills and knowledge then this is the site for you! Once in the site Sign in (top right) using your ASPE Connect credentials. If you have not activated your ASPE Connect credentials, go to this link to reset your ASPE Connect password: <https://connect.aspe.org>.

IAPMO AND UA PUBLISH FOURTH EDITION OF BACKFLOW PREVENTION REFERENCE MANUAL



In collaboration with the United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada (UA), the International Association of Plumbing and Mechanical Officials (IAPMO) is pleased to announce the release of the fourth edition of IAPMO's Backflow Prevention Reference Manual. To order a copy, visit the IAPMO online bookstore at iapmostore.org or call 1-800-85-IAPMO (854-2766). Training providers with questions should contact Sean Cleary at sean.cleary@iapmo.org.

NEW WORKSHOPS ANNOUNCED

Did you resolve to enhance your plumbing design skills this year? Get started by attending our new in-person workshops this March in Ft. Worth, when instructor Mike Danielson, CPD, GPD, will explore domestic hot water design on March 20 and fire suppression systems on March 21. Each workshop offers 8 PDHs/0.8 CEUs, and registration is limited to 15 people so register soon. The cost is \$250 for ASPE members and \$400 for nonmembers, and registration is open at [ASPE Education](https://www.aspe.org/education).



REMINDER - - REVIEW CLASSES START FEBRUARY 18!

Our three virtual review classes in February and March for the Certified in Plumbing Design exam include a CPD practice test and helpful tips that you can use to prepare to take this year's exam. The class includes a CPD practice test (a \$50 member value). The cost is \$300 for ASPE members and \$500 for nonmembers, and registration is available at [ASPE Education](https://www.aspe.org/education).

