JANUARY 2022 NEWSLETTER

An ASHRAE International Premier Chapter

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Upcoming Dates

February 4, 2022 - Ethics Seminar by Mike Bilderbeck, P.E., ASHRAE Fellow
Jan 29 - Feb 2, 2022 - ASHRAE Winter Conference and AHR Expo in Las Vegas
March 23, 2022 - WV EXPO Seminars by Terry Townsend, P.E. and former ASHRAE President
April 28, 2022 - WV ASHRAE Day of Learning - Flatwoods WV

Please join us February 4, 2022
WV ASHRAE Chapter Meeting
“Case Studies in Engineering Ethics”
**Meeting Details:**
Attendance: We will have an in-person meeting and will be providing webinar access to the live presentation for those that are registered (see details below)

**Times:** 12:00 PM - 1:15 PM, including a lunch for in-person attendees

**In-Person Meeting Location:** ZDS Design/Consulting Service, 35 Corporate Drive, Suite 532, Scott Depot, WV. 25560

PDH certificate for **1.0 hours** will be provided to attendees of the seminar.

**Presentation Description:**

**Case Studies in Engineering Ethics:** This will be an interactive session where we will discuss ethics cases that have been adjudicated by the NSPE (or by State Boards). Due to the interactive nature of this seminar, you will have the opportunity to engage in spirited debate in a small group setting, and not just listen to the presenter talk about ethics.

If possible, gather together in your various offices or at ZDS Design to enable discussion on the cases. Cases will be presented, along with the final outcome. Real cases are used because they have generally reached an official conclusion that has been published, along with the reasoning behind the outcome.

We hope you will more thoroughly understand the ethical climate as ruled by the NSPE and State Boards.

**Featured Presenter**

![Mike Bilderbeck](image)

**Mike Bilderbeck, P.E., FASHRAE - The Pickering Firm:** Mike Bilderbeck is a life-long Memphian; graduating from Memphis State University in 1980 with a BS in Mechanical Engineering. He immediately went to work for Pickering, Wooten, Smith & Weiss, a Memphis consulting engineering firm. That company is now The Pickering Firm. They’re now 150 people and they also practice architecture; and Mike’s still there! He’s a Principle Owner and serves as the Chief Mechanical Engineer.

Mike is a registered Mechanical and Fire Protection Engineer, and is licensed in 17 states. Mike has been involved in ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers) for over 30 years:

- Served on Society Board of Directors and Standards Appeals Board
• Chaired Standards Committee

Mike and his wife of 43 years have two children, Alex and Anne Claire

**Registration details:**
In-Person at ZDS Design: $10 (includes lunch)
Webinar/Virtual Attendee: $0. RSVP required.

Please use the registration button below for either in-person or webinar registration. The link to the webinar GoToMeeting will be sent to those that are registered on February 3.

[Attendee Registration]

**Points of Contact:**
Billy Smith - Secretary and E-meeting leader - 304-755-0075
Terry Hollandsworth - CTTC Chair - 423.280.9814.

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**2022 ASHRAE Winter Conference**
January 29–February 2, 2022 | Caesars Palace
AHR Expo
Jan. 31–Feb. 2, 2022 | Las Vegas Convention Center

Register now for the 2022 Winter Conference and AHR Expo taking place Jan. 29-Feb.2, 2022 in Las Vegas, NV. The conference will be held at Caesars Palace. Join ASHRAE in-person or virtually for this highly anticipated conference offering the latest industry updates, a chance to reconnect with peers, attend the AHR Expo, and more.


**Region VII Dinner - January 30, 2022, 6pm - 8pm PST**
Border Grill, Mandalay Bay – South Dining Room
3950 S Las Vegas Blvd, Las Vegas, NV 89119
$30 pp, Bring Cash or Card
Sign up at registration area or RSVP to Carrie Kelty, ckelty@cmta.com

Download the event flyer and menu [here](#).
JOIN WVASHRAE at this year’s WV EXPO
Wednesday, March 23, 2022
for a Chapter Meeting and 3 Educational Seminars

Seminar attendees will earn 1.0 PDH certificate from WV ASHRAE for each seminar attended.

Meeting Topics:

- Chapter and BOG Meeting
- Advanced Energy Conservation & IEQ Design Guidance & Applications
- Energy Goals and Integrated Design
- Steps to Making Existing Commercial Buildings More Efficient, Health and Comfortable

Presenter: Terry E. Townsend, P.E., Fellow ASHRAE, is president of Townsend Engineering Inc., Chattanooga, Tennessee, and Panama City, Florida

Terry Townsend served as president of ASHRAE in 2006-07, where he focused the Society’s efforts on The ASHRAE Promise: A Sustainable Future, highlighting ASHRAE’s work in sustainability in the building environment. His achievements as president include launching ASHRAE’s first ever certification program, with the initial certification offering for healthcare facility design professionals; accelerating and expanding the Advanced Energy Design Guide series, which includes 30% guides on small retail, small office buildings, K-12 school buildings, warehouses and self-storage units, highway lodging and small healthcare facilities; and 50% guides on medium-to-big-box retail, small-medium office buildings, K-12 school buildings and large hospitals; setting more stringent savings for ASHRAE’s energy standard.

Additional activities included proving resources on how ASHRAE can minimize the impact of its meetings on the environment; and calling for development of the Society’s first water efficiency standard, ASHRAE/USGBC/ASPE/AWWA Standard 191P, Standard for the Efficient Use of Water in Building, Site and Mechanical Systems which provides baseline
requirements for the design of buildings, site and mechanical systems and is currently under development by ASHRAE, the American Society of Plumbing Engineers (ASPE), the American Water Works Association (AWWA) and the U.S. Green Building Council (USGBC). After serving as Society president, Townsend chaired the Building Performance and Metrics Steering Committee that coordinated the activities of special projects, including the development of publications, tools and guidance on how to measure a building’s performance, how to improve, on an on-going basis, and sustain peak building performance. Projects included two books, “Performance Measurement Protocols for Commercial Buildings” and “Performance Measurement Protocols for Commercial Buildings: Best Practices Guide;” oversight of a carbon emissions calculations tool being developed by the U.S. Department of Energy’s National Renewable Energy Laboratory; and support of the DASH: Database for Analyzing Sustainable and High Performance Buildings being developed by the Green Building Alliance.

To support the ASHRAE Building Energy Quotient (bEQ) program, Townsend developed a specialized training program that integrates commercial energy audit strategies with the bEQ program’s building performance management tools and technical retro-commissioning and on-going commissioning processes to produce commercial buildings that are energy efficient, healthy and comfortable. This training program has already been presented both nationally and internationally and has resulted in municipalities, state and provincial governments and college campuses adopting the training program’s roadmap toward achieving and maintaining targeted building performance goals.

He is the recipient of an Exceptional Service Award and a Distinguished Service Award. Townsend was awarded a bachelor of science in 1971 and a master of science in mechanical engineering in 1973 from Tennessee Technological University and holds certifications in Buildings Systems Technical Commissioning and Technical Retro-commissioning disciplines.

More information will be posted on our website https://wvashrae.org/ as this program develops further.

**Chapter Leadership Recall - Dan Nolte**

Please check out this year's Chapter Leadership Recall.

![Dan Nolte](image)

This year we were able to catch up with Dan Nolte, a past President and Leader of the old Mountaineer Chapter. Dan shares some of his early memories of joining ASHRAE and becoming a Chapter Leader.

You can download and read the recall of Dan by clicking [here](#), or visit our website to view.

**Government Outreach**

ASHRAE Member Appointed to Efficient & Healthy Schools Campaign Advisory Committee
Arthur “Art” Hallstrom, P.E., BEMP, ASHRAE Fellow, was recently asked to serve on the Advisory Committee for the Efficient & Healthy Schools Campaign, which is a committee working with state energy offices to improve the indoor air quality and energy efficiency of K-12 schools. The two organizations leading this collaborative effort are the National Association of State Energy Officials (NASEO) and the National Council on School Facilities. Hallstrom, a ASHRAE West Virginia member, has led a project involving 5 other West Virginia Chapter members to provide energy benchmarking for all WV public K-12 schools. This project is one of the leading-edge programs that NASEO is looking to repeat in other states and is the reason he was asked to serve on the committee.

The Advisory Committee expects to complete its work by May 2022. Congratulations Art on your appointment to this new committee!

**West Virginia Office of Energy and Energy Efficient West Virginia release:**

**Benchmarking Primer and Roadmap for Local Government**

Throughout the state of West Virginia, local government budgets are tight. With energy being one of the largest and most uncertain expenses, some may have just enough in their budget to keep the lights on. This primer introduces local governments to energy efficient benchmarking concepts, tools, and approaches to manage operating expenses while detailing the local economic benefits and job creation potential of energy efficiency programs.

Download a copy of this Document [here](#).

**Value of ASHRAE Certification Survey Results Just In: Employee Benefits**

The recently conducted “Value of ASHRAE Certification” survey reveals significant benefits for employers in three key areas: improved business outcomes, employee retention, and identifying new-hire talent.

Here are some key findings:

**Improved Business Outcomes:**

- “My ASHRAE Certification has led to additional business opportunities (54%) for my company.”
- “If the project team includes an ASHRAE-certified professional, then the project is more likely (52%) to be completed on time and under budget and fulfill stakeholder requirements for quality.”

**Employee Retention:**

- “Holding an ASHRAE Certification gives me greater job satisfaction (81%).”
New-Hire Talent:

- “ASHRAE Certification is evidence (90%) of the level of competence attained by a new hire prospect.”
- “I have greater confidence (85%) in the knowledge and skills of ASHRAE-certified job applicants, than uncertified job applicants.”

Employers- are you interested in learning more about the Value of ASHRAE Certification? Download an Executive Summary of survey results today. You can also find an ASHRAE Certified Professional here.

To learn more about the ASHRAE Certification Programs, please visit https://www.ashrae.org/professional-development/ashrae-certification

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