

MARCH AND APRIL EVENT REMINDER!



An ASHRAE International Premier Chapter

Upcoming Dates:

March 25-26, 2020: WV EXPO (ASHRAE DL and Society President Elect - Chuck Gulledge)

April 29, 2019: 5th Annual Day of Learning/Trade Show - DOAS Basics and Retro-Commissioning

**LESS THAN 2-WEEKS
UNTIL THE WV EXPO AND OUR SEMINARS!**
JOIN **WVASHRAE** at the Annual WV EXPO
WELCOME next year's ASHRAE SOCIETY PRESIDENT
Charles "Chuck" E. Gulledge, III
Wednesday, **March 25, 2020**
for a Chapter Meeting and **3 FREE** Educational Seminars

Seminar attendees will earn **1.0 PDH** certificate from WV ASHRAE for each seminar attended. Also, all three seminars are AIA and GBCI approved for **1.0 CE/LU**.

Meeting Schedule:

8:30AM-10AM - Chapter and BOG Meeting - Regional Officers in attendance and install 2020-2021 Leaders

10AM-11AM - Design-Build-Operate-Maintain: What Could Possibly Go Wrong? - Chuck Gulledge, III

11AM-12PM - Green Industrial HVAC Design - Chuck Gulledge, III

2PM-3PM - Integrated Building Design - Chuck Gulledge, III

Presenter **Mr. Charles "Chuck" E. Gulledge, III, PE, HBDP, LEED AP, ASHRAE President Elect and Distinguished Lecturer**



Charles E. Gulledge, III, PE, HBDP, LEED AP is the 2019-2020 ASHRAE President-Elect, serving on the Executive Committee and the Board of Directors. He is a former ASHRAE Vice President, Treasurer and Director-at-Large. Gulledge has served as past Chair of the Development Committee, ASHRAE 2011 Energy Modeling Conference, Chapter Technology Transfer Committee, and Technical Committee 7.1: Integrated Building Design. He has served as member of the Handbook Committee, CTTC-RVC for Region IV, President of the North Piedmont Chapter, and as the ASHRAE Liaison to the Construction Specifications Institute (CSI). Gulledge has received the Exceptional Service Award, Distinguished Service Award, Regional Award of Merit, Chapter Service Award, and the Dan Mills Technical Award.

In his role as the liaison to CSI, Mr. Gulledge was intimately involved in the overhaul of the MasterFormat 2004 (MF04) specification organization structure. He was a MasterFormat Accredited Instructor for CSI. Mr. Gulledge has presented multiple presentations on the Integrated Design Topic as an ASHRAE Distinguished Lecturer and an ASHRAE Learning Institute (ALI) Instructor. He has provided outsourced ALI instruction to organizations such as the New York City Transit Authority and NAVFAC.

Additionally, he participated as a speaker for the ASHRAE Satellite Broadcast on Integrated Building Design. Mr. Gulledge is a Senior Mechanical Engineer with the design/build firm of Environmental Air Systems, LLC in High Point, NC. He has over 34 years of experience in the HVAC industry. A licensed professional engineer in the states of North Carolina, Georgia, Kentucky, South Carolina, Virginia, and Alabama; he received his B.S. in Mechanical Engineering from North Carolina State University.

Seminar Descriptions:

**Design-Build-Operate-Maintain:
What could possibly go wrong?**

Built solutions rely on numerous participants to plan, design, construct, operate, and maintain. This program takes a whimsical look at real world traps that can/do occur and offers a lessons learned perspective on how to mitigate/avoid recurrence.

Green Industrial HVAC Design

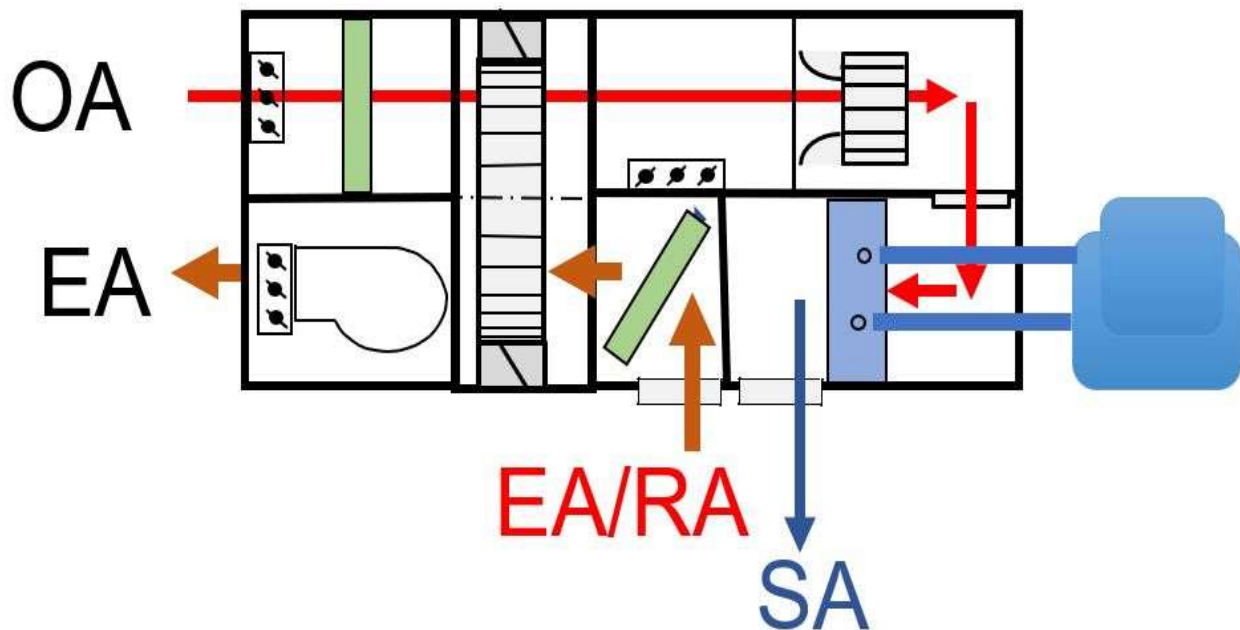
Industrial facilities present significant facility services design challenges. Resource consumption, usage, and discharge are significant. Project fundamentals are driven by process need and speed, not form response. This program identifies how green and sustainable themes can be incorporated into industrial design, construction, and operation.

Integrated Building Design

The quest of successfully providing a truly integrated building design (IBD) continues to challenge our industry and the built world. This program looks at these challenges, identifies barriers to success, and explores solutions to promote and achieve holistic IBD.

For more information, please visit the WV ASHRAE page at: <https://wvashrae.org> or contact Chase Thomas - President WVASHRAE at c192@ashrae.net or chase.thomas@zdsdesign.com

REGISTRATION IS NOW OPEN!!!
Please spread the word and Join Us!
WV ASHRAE's 5th Annual Day of Learning/Trade Show
Wednesday, April 29, 2020
Days Inn - Flatwoods, WV
Focus: Dedicated Outdoor Air Systems (DOAS)
Basics and Core Technologies
Also: Ethics and Retro-Commissioning Seminars



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

Schedule:

- | | |
|------------------------|--|
| 8AM-8:30AM | Registration and Sponsor/Vendor setup |
| 8:30AM-9:30AM | Business Ethics for the HVAC Professional - presented by Patricia Graef, P.E. ASHRAE Fellow and Distinguished Lecturer |
| 9:30AM-10AM | Break and visit Sponsors/Vendors |
| 10AM-11:30AM | DOAS Introduction and Basics - presented by Patricia Graef, P.E. |
| 11:30AM-12:30PM | Buffet style Lunch, visit Sponsors/Vendors |
| 12:30PM-1:30PM | The Logic of Dedicated Outside Air Systems and The Core Technologies That Make Them Effective - presented by Patricia Graef, P.E. |
| 1:30PM-2:00PM | Break and visit Sponsors/Vendors |

2:00PM-3:00PM

Retro-Commissioning/On-going commissioning - presented by Jennings L. Davis II, P.E.

Featured Presenter - Patricia T. Graef, P.E., ASHRAE Fellow and Distinguished Lecturer



Patricia Graef, P.E., Fellow ASHRAE, LEED GA, retired from Munters Corp., Fort Myers, Fla. Graef has spent more than 40 years focusing on engineering and developing products that control temperature and moisture in building air as well as the water associated with the processes. Graef received her bachelor of science in mechanical engineering from the University of Florida. In the time Graef has worked for Munters, she served as a Scientist in the cooling tower division, was the Director of Core Technology for Humidification and Engineering and Development Manager for the HumiCool division. She has more than a dozen international patents in her name.

Graef previously served as Society Vice President. Her other recent service includes five years in leadership positions for the ASHRAE Rules Committee, chair of Technology Council, member of the Advanced Energy Design Guide Steering Committee, member of Finance Committee, Standards Committee, Technical Committees (TC) 3.6, Water Treatment, 5.7 Evaporative Cooling and 5.11 Humidification. She also serves on the Board of Governors of her local ASHRAE Chapter.

For more information on Patricia Graef, please visit www.ashrae.org/2020DayofLearningTradeShow

Registration details:

General Attendee Registration includes access to all training sessions and vendor/sponsor area, continental breakfast and buffet style lunch.

Sponsor/Vendor Registration includes all General Attendee access and meals for one (1) representative, as well as one (1) booth space with table and electricity. A General Attendee registration fee is to be paid for each additional attendee accompanying the Primary Sponsor/Vendor registrant. Sponsors/Vendors may register for up to two booth spaces.

(We ask that you register by April 21, 2018 so we can provide an accurate count of attendees to arrange for lunch and continental breakfast)

General Attendees - **\$59**

Students - **\$20**

Sponsor/Vendor Registration - **\$249** (one booth space, table and electricity - bring your own cords)

ASHRAE RP Sponsorship:

Your additional tax-deductible Sponsorship of our endeavors is greatly appreciated. Levels of Sponsorship are:

DIAMOND: \$750

GOLD: \$500

SILVER: \$350

BRONZE: \$200

Your company name will be displayed at the Trade Show Entrance, on our website, recognized in a future Newsletter, and included in ASHRAE's annual publication of RP Donors.

Visit the [WV ASHRAE 2020 Day of Learning/Trade Show](#) page for more information and to Register.



[WV ASHRAE Website](#) [Email - WV ASHRAE](#) [LinkedIn](#)

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