

Happy Holidays!

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**Holiday Greetings to all:**

**Welcome to our NEW ASHRAE Member**

Mr William L Johnson has joined ASHRAE and our local WV Chapter. He is with Mason & Barry, Inc. Welcome aboard!

Will Dempsey is our new Membership Promotion Co-Chair. Will is with the WV ANG and just back from the Middle East. Will and Art Hallstrom, our other MP co-Chair reminds everyone to pay the Society and Chapter Dues on time. Doing so continues your membership in our great organization.

**Here is a quick update on events in WV ASHRAE**

WV ASHRAE Chapter Holiday Party was on Dec 14. First ever!



**This was our first Chapter Holiday Party and it was successful. We hope to see you there next year!**

**Future Meetings**

**This is a BIG ONE!!!**

The West Virginia Chapter of ASHRAE Presents:

The "New" Charleston Civic Center

January 12<sup>th</sup>, 2016



#### 11:00 to Noon

Presentation and Discussion on the Charleston Civic Center Design-Build Proposal/Process, Details about the proposed design, design intent, current activities and project expectations including energy efficiency measures.

Presented By: Members of the Design Build Team (BBL Carlton and ZMM).

#### Noon to 1:00

Deli style buffet Lunch,  
WV ASHRAE Chapter announcements and information.

#### 1:00 to 2:00

Presentation and Discussion on Variable Primary Chilled Water Systems, Primary-Secondary Chilled Water Systems, system risks and benefits.

Presented By: Robert Doeffinger, PE – Principal Engineer at ZMM

#### 2:00 to ???

Tour of New Central Plant, Clendenin St. Entrance, Back-of-House Spaces and Upgraded Arena Mechanical Systems.

Cost \$20 per attendee, includes lunch, drinks and facility tour.

Registration [www.wvashrae.org](http://www.wvashrae.org)

(Registrations required for food and tour count)

**Jan 26, 2017** Government Support Item - Information only:

Presentation on "Dollars for Students, Not Energy" to WVASA School Superintendents by WV ASHRAE President Sam Butzer and NEED Regional Coordinator Karen Reagor. Part of an ongoing effort with the WV Dept of Energy to build more sustainable schools.

**Jan 28-Feb 1, 2017** ASHRAE Winter Meeting and AHRI EXPO in Las Vegas.

[A Winning Hand: ASHRAE 2017 Winter Conference, AHR Expo in Las Vegas](#)



We're hoping you plan to register the 2017 ASHRAE Winter Conference at Caesars Palace in Las Vegas. If you register by Dec. 31 you can save up to \$135! We have an excellent conference planned, including:

[100+ sessions within 8 Conference Tracks](#) including the Water-Energy Nexus, Building Operation and Performance, Climate Change and Its Effects on HVAC&R Design, and more.

[200+ PDH's available](#) through Technical Sessions and ASHRAE Learning Institute (ALI) courses. PDH's are recognized by most U.S. states. AIA LU's and LEED AP credits are also available.

[600+ Technical Interest Committee Meetings](#) you can attend, to see first-hand how ASHRAE volunteers set the direction for the industry's technology.

[2,000+ Exhibitors](#) at the ASHRAE Co-Sponsored AHR Expo. Find solutions to problems in today's ever-changing building technology landscape through exhibitors' products and technologies.

[Free access to the Virtual Conference](#) until July 2018. Includes access to all seminars, technical papers and conference paper presentations, as well as most special sessions. Presentations can be downloaded as podcasts so you can listen on the go, and PDH's are available upon successful completion of a session quiz.

Register by Dec. 31 to save up to \$135 on your registration. If you have any questions please let us know.  
James Lowry, CTTC Chair

[Register Now](#)

**This is a HUGE show. The Region is hosting a dinner party Sunday night. Details at [www.ashraeregion7.org](http://www.ashraeregion7.org).**

#### **February 9th, 2017:**

Marshall Students – Engineering and Business and Western Chapter Members invited  
DL - Douglas Zentz

His topics:

1. How to Communicate in a Professional World with Technical Information
2. Applied Psychrometrics
3. Sustaining ASHRAE Through Leadership, Mentoring Our Future

#### **February 19-25, 2017 Engineers Week (EWeek) 2017**

#### **March 22, 2017: WV EXPO**

Session: 8-9 am WV ASHRAE Board Meeting: Conference Room

Session: 9-10 am, WV ASHRAE Chapter Meeting

ASHRAE Distinguished Lecturer – Dennis Knight

His topics:

1. Developing an Integrated Personal Management System.

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Art Hallstrom, P.E. ASHRAE Fellow

His Topics:

1. Advanced Residential Homes - Determining value
2. Advanced air cleaning options to reduce mold and medical setting acquired infections.

**May 11th, 2017:**

WV ASHRAE Annual Training and Trade Show

Days Inn in Flatwoods, WV.

**Research Promotion Update:**

Goal: \$2500 Amount Donated to Date: \$1390. Help us reach our goal to support ASHRAE Research. Please contribute if you can here

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

. Contributions are tax deductible. All the Chapter Officers have contributed. We are a Full Circle Chapter. Jennings Davis, Research Promotion Chair.

**DID YOU KNOW?**

In 2013, ASHRAE changed some WV counties to a different climate zones. Most of WV is now in CZ 4. Only the NE part of the state stayed in CZ 5. This reflects the warmer climate. WV 90.1-2007 Code says these transition areas can design for CZ 5 but the latest 90.1-2016 Standard has them in CZ 4. Your call as a designer which one you use. Code CZ5 or "Real" CZ4. You can download the new 90.1-2016 webcast today here. <https://www.energycodes.gov/resource-center/training-courses/what-you-need-know-about-new-energy-standard-commercial-buildings>. It was recorded too.

P.S. The ASHRAE eLearning Portal now features 223 hours of training

See [elearning.ashrae.org](http://elearning.ashrae.org).



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