

ASHRAE MONITOR

SEPTEMBER 2019

Chapter Officers

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William Castelvechi

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Matt Waltz

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Matt Waltz

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Jaron Waters

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Government Affairs
Doug Cage

Historian
Doug Cage

Membership Promotion
Kyle Bond

Research Promotion
Rich Roberts

Student Activities
Brian Derby

Student Advisor
Nathan Luetke

Website Editor
Scott Almond

Young Engineers in ASHRAE (YEA)
Jaron Waters



Chapter cannot act on behalf of Society

Chapter Meeting

Thursday, September 5, 2019

Al Veeck

Will Present

Effective Networking Workshop

\$20.00 members, \$25.00 non-members,
students FREE

The meeting will be held at Clark Nexsen in Virginia Beach Town Center. Food will be served at 11:30. The meeting will start at 12:00. RSVP

Clark Nexsen:

[4525 Main Street Virginia Beach, VA 23462](http://4525>MainStreetVirginiaBeach,VA23462)

Season passes available on the chapter website.

Get nine lectures for the price of six!

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Upcoming Events

ASHRAE / IFMA E4K

September 26

4:00 PM – 8:00 PM

Chesapeake City Park



E4K = Energy For Kids

VISIT US

ashraehrc.org/

FOLLOW US



ASHRAE's Mission and Vision

Mission: To serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields.

Vision: A healthy and sustainable built environment for all.

Get Involved

Are you looking to get involved with an active community of professionals? Would you like opportunity to grow into a leadership position? We have several opportunities available and are willing to work with your schedule and interest. Please reach out to any of the Chapter Officers or Committee Chairs. We look forward to hearing from you.

E-Mail ASHRAEHRC@gmail.com

HRC's Government Affairs Committee Needs You!

Seeking members with interest in ASHRAE's Government Advocacy efforts (learn more: <https://www.ashrae.org/about/government-affairs>) and especially anyone that may have a connection with local or state government leadership (e.g., code officials). Please reach out to HRC's GAC Chair Doug Cage, at douglas.cage@masonandhanger.com or 757.217.4966.

The Presidents Pen

Dear Members,

Four years ago, we moved from multiple sponsorship drives throughout the year to an annual sponsorship model. This means our sponsorship drive occurs once and early in the year. Last week, we sent out the call for sponsors with the sponsorship packages and benefits. Thank you to those who have already shown support. If you have not heard from us and would like to commit to a Chapter, Silver, Gold, or even our Presidential sponsorship levels please reach out to any of the board members. There is still time to get your logo on our E4K banner (September 20th is our print deadline).

Region III's Chapters Regional Conference (CRC) is held each August and offers a wonderful opportunity for the chapters and members to meet, interact, and socialize on a regional level. The conference offers workshops, technical sessions, addresses by Society officers and staff, and regional award presentations. Alternates and delegates conduct chapter business and nominate individuals to both society and regional levels.

The Hampton Roads Chapter hosted this year's CRC at the Main in downtown Norfolk. We had an excellent local and regional turnout to the technical sessions, concluding with a standing room only panel discussion on commissioning featuring panelists the commissioning agent, construction, design, and client sides of the issue. The welcome reception was held aboard the Carrie B showboat and the weather was wonderful as we cruised down the Elizabeth River. The chapter brought home the Presidential Award of Excellence, Star Award, and a Special Citation for the 2018-2019 ASHRAE Year. Our own Dan Pettway received Hall of Fame Award, presented to an individual who has shown outstanding commitment to Region III and ASHRAE through their commitment to Society. Pictures of the event are on page 6.

ASHRAE Hampton Roads has three scholarships open to students pursuing a degree related to the HVAC&R industry:

- [Gordon W. Zipperer III Hampton Roads ASHRAE Endowed Scholarship in Engineering](#). \$2,500 each year, open to Old Dominion University Engineering Students. Managed by ODU.
- [Dan C. Pettway Scholarship](#). \$500 each year, open to Tidewater Community College students. Managed by TCC.
- [Hampton Roads ASHRAE Chapter Scholarship](#). \$1,500 each year; open to full time students attending a NAAB accredited program and involved with the ASHRAE Student Chapter at that school. Managed by the Chapter.

If you are interested in advancing your current degree, if you know any college students, or if you know any rising high school seniors be sure to reach out to a board member for more information.

Will Castelvechi



ALL CALL!!



For 2019, the 12th year running for the E4k charity, our E4k Charity of Choice is Children's Harbor. Children's Harbor is a nonprofit organization advocating for all children to have access to quality early-care and education. Donations fund early-care and education programs in Hampton Roads, VA. By providing places and programs, Children's Harbor is the model for comprehensive services for children. Supporting child development through early education is a fundamental component to advancing the arts and sciences which is directly in-line with our core values. That is why we, ASHRAE HRC and IFMA, selected Children's Harbor as this year's recipient. We are working with their leadership to develop a plan for select HVAC and energy improvements that best aligns with the needs of their four facilities. We will provide updates as this develops further. We urge you to bring your friends, relations, and coworkers to have a great time and support a truly great cause. Please also consider one of our annual sponsorship packages which include tickets to the event and contribute directly our E4K donation. We look forward to seeing you there.

2018-2019
Sponsors & Donors

Thank you to the sponsors of the 2018-2019 season! Your continued support allows us to provide learning opportunities, organize and execute energy improvement projects for children's charities through E4K, and fund critical ASHRAE research to advance the HVAC-R industry.

From the entire board:

THANK YOU!

Thank you to our 2018-2019 Sponsors

Presidential



Gold



Enviro Mechanical Sales, Inc
We conserve your energy



CLARK NEXSEN

Silver



Chapter

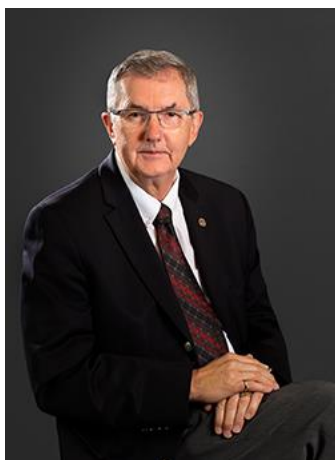


Donors



What's in the News

ASHRAE Society President



Welcome to new 2019-2020 ASHRAE Society President Darryl Boyce, P. Eng! Boyce has previously served on the board of directors as treasurer, vice president and director-at-large. He is the recipient of ASHRAE's Distinguished Service Award, Exceptional Service Award and Regional Award of Merit.

His theme for the Society year is Building for People and Performance.

A Little Slice... (of History)

(Doug Cage) Being new to the Hampton Roads area and taking on the role of historian, I hope to share here snippets of what I learn while digging through the archives of our chapter's history. Below is an excerpt from an article written by James L. Carver in 1998 that describes the start of our Chapter, now in its 73rd year of operation...

"In 1946, a few heating contractors met and joined what had become the American Society of Heating, Ventilating Engineers. Meeting at the Virginia Club, on the second floor in downtown Norfolk, Virginia. The numbers were indeed small at first with 8 men being a good turn out. Several of these men were also members of the American Society of Refrigeration Engineers. Contractor and Engineers alike met and talked about starting a Chapter here in Norfolk. The Charter was awarded on May 22, 1946 as the ASHVE of Norfolk. Interesting to note was the handbook in use at the time "ASRE Refrigerating Data Book, 1932 edition." Topics of the day were: "Experimental air conditioning" & "Engineering and Research involving Food Preservation." The other handbook of choice was the ASHVE Engineering Guide, 1936 edition. The Chapter's first President was William H. Webster."

Events for YEA members

Leadership International: Dubai

Applications due October 17

Join YEA members in Dubai this Nov. 15-17 for YEA Leadership International. Registration is just \$300 and includes hotel accommodations for Friday and Saturday, meals during the event, and materials. Airfare or ground transportation is not included with the registration fee. [Learn More](#)

Leadership U: Orlando

Applications due October 13

Through Leadership U, four YEA members are selected to be matched up with Society Officers during Annual and Winter Conferences. Applications are being accepted for the 2020 Winter Conference in Orlando. [Learn More](#)

New Members

Kyle Bond

Douglas Cage

Steven Finley

Stelio Garcia

Gilbert Martinez

William Taylor

Matthew Wilson

New Student Members

Bulliten Board

Automated Logic Free Webcast: High Performance Sequences of Operation for HVAC Systems

This free webcast will provide an introduction to "High-Performance Sequences of Operation for HVAC Systems" as described in ASHRAE Guideline 36-2018. This guideline defines best-in-class sequences of operation for HVAC systems that help maximize energy efficiency, improve occupant comfort, and provide real-time fault detection and diagnostics (FDD).

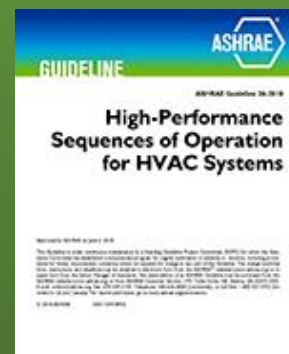
Available now. [Click here](#) for more info.

2020 Region III Chapter Regional Conference



ASHRAE National Capital will host the Region III CRC at the Key Bridge Marriott in downtown Arlington, VA. Two technical session tracks consisting of 4 1.5 hour long lectures will be offered for continuing education credit on Thursday, August 13. A joint YEA and WiA happy hour will be hosted and there are numerous sites to see in the Northern Virginia/Washington DC area. Please contact the CRC Co-chairs [Laura Morder](#) and [Erin Miller](#) for more information.

Key Bridge Marriott Hotel - August 13-15, 2020



2019-2020 Annual Sponsorship Packages

Hampton Roads ASHRAE Chapter is pleased to offer our single contribution sponsorship program again for the 2019-2020 year!

Presidential - \$3,500

- Eight E4K tickets
- One Golf tournament foursome
- Four season passes
- Large ad/company call out in chapter newsletter
- Large ad/company call out on event banners

Gold - \$2,500

- Four E4K tickets
- One golf tournament foursome
- Two season passes.
- Medium ad/company call out in chapter newsletter
- Medium ad/company call out on event banners

Silver - \$1,500

- Four E4K tickets
- Two season passes
- Small ad/company call out in chapter newsletter
- Small ad/company call out on event banners

Chapter - \$500

- Two E4K tickets
- One season pass
- Name recognition in chapter newsletter
- Name recognition on event banners.

Sponsorship sign up is available on our website at
<http://ashraehrc.org/sponsors.html>

Packages above are customizable based on sponsor needs.
 Please send special requests to ashraehrc@gmail.com.

For Payment by Check:
 Matt Waltz
 48 Davis Avenue
 Newport News, VA 23601

CRC Pictures



Welcome Reception aboard the Carrie B Showboat

Region III Delegates, Alternates, Vice Chairs, and Society Dignitaries



Dan Pettway receiving the Hall of Fame Award

Panel discussion on commissioning



CRC Summary

This year's CRC was a success. Thanks to our sponsors [insert sponsor page] and volunteers! The chapter hosted technical sessions on Thursday, with several interesting topics from distinguished lecturers. The panel on Commissioning Challenges and Perspectives was standing-room only. Thanks to all the panel participants! We had a sunset cruise on the Elizabeth River past Downtown Norfolk and the Naval Base. A good time was had by all! Saturday brought a day packed full of leadership and committee workshops and the awards luncheon. The Hampton Roads Chapter was one of three chapters to be awarded the Star Chapter designation for achieving presidential goals in all categories. This was the third straight year of HRC receiving Star Chapter recognition. Finally, Dan Pettway was honored with the ASHRAE Region III Hall of Fame Award for his service over the past 20 years to the Region. We appreciate his personal commitment and service to HRC ASHRAE and Region III!

2019-2020 Chapter Events Calendar



HELP WANTED

We have published the dates for our monthly Board Meetings. If you'd like to learn more about the behind the scenes of ASHRAE reach out to any of the Chapter Officers and we'd be glad to extend you an invitation.



Seasons Pass

Consider a season pass to our chapter meetings. For the Member Price for six meetings you get the access to all nine! Click the "Season Pass" option when you register for the September or October meeting. Season's Passes are open to all active members.

Month	Date	Event
July 2019	1 st 17 th	Start 2019-2020 Calendar Year Board Meeting
August 2019	14 th – 16 th 27 th	Region III CRC @ The Main, Downtown Norfolk Board Meeting
September 2019	3 rd 17 th 26 th	Chapter Meeting – Soft Skills Overview Board Meeting ASHRAE / IFMA E4k Pig Roast
October 2019	8 th 15 th	Joint ASPE Chapter Meeting – Controlling Legionella and other Waterborne Pathogens Board Meeting
November 2019	7 th 19 th	Chapter Meeting – Centralized DCV Sensors and a their use in a Net Zero Case Study Board Meeting
December 2019	3 rd 17 th	Chapter Meeting – Brewery/Distillery Tour Board Meeting
January 2020	7 th 21 st	Chapter Meeting – Scope Area Tour & Ice Hockey Game – Admirals vs Solar Bears Board Meeting
February 2020	1 st - 5 th 11 th 18 th	ASHRAE Winter Conference – Orlando, FL Joint ASPE Chapter Meeting (2nd Tuesday) – Panel Discussion Board Meeting
March 2020	3 rd 17 th	Chapter Meeting – (DL) Getting AEDGs to Net Zero-Energy Buildings Board Meeting
April 2020	7 th 21 st	Chapter Meeting – Past President's Night Board Meeting
May 2020	5 th 19 th TBD	Chapter Meeting (Last of the 2019-2020 Season) Board Meeting ASHRAE / IFMA Golf Tournament
June 2020	16 th 27 th – July 1 st	Board Meeting ASHRAE Annual Conference – Austin, TX
August 2020	13 th – 15 th	Region III CRC @ Key Bridge Marriot Hotel, Washington DC

Check our website for the most up to date information.

<http://ashraehrc.org>