

ASHRAE MONITOR

AUGUST 2018

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Jaron Waters

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Marc Robillard

Research Promotion

Rich Roberts

Student Activities

Gary Hayden

Sustainability

Adam Forshey

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 13th

Steve Cooper & Watt Mountcastle

Will Present

HVAC/Plumbing Pump Trends and Pump Motor Efficiency

\$20.00 members, \$25.00 non-members

The joint meeting with ASPE Hampton Roads 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 Region III CRC

August 16, 17, & 18

Pittsburg Pennsylvania

ASHRAE / IFMA E4K

September 27

Chesapeake City Park



E4K = Energy For Kids

VISIT US

<http://hamptonroads.ashraechapters.org/>

FOLLOW US



ASHRAE's Mission and Vision

Mission: To advance the arts and sciences of heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world.

Vision: ASHRAE will be the global leader, the foremost source of technical and educational information, and the primary provider of opportunity for professional growth in the arts and sciences of heating, ventilating, air conditioning and refrigerating.

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

The Presidents Pen

Dear Members,

Welcome to the 2018-2019 ASHRAE Society Year. This year, it is my honor to serve as President for the Hampton Roads Chapter. As president, first and foremost, I wish to thank you for your membership of our local chapter. It is your support and participation that is fundamental to our success and to the success of our society. Second, I would like to thank RJ Hartman for his service as president for the 2017-2018 year. We must also wish him the best of luck with his new life-chapter in Richmond, VA. RJ has been an integral member of the ASHRAE HRC; he will be missed. I fully expect he will be a key asset for the Richmond Chapter.

The first event of the 2018-2019 Chapter Year will be a joint meeting with ASPE (American Society of Plumbing Engineers). Over the past few years, ASPE has been a great partner for joint programs. We look forward to kicking off the year with them and plan to do another joint meeting with ASPE in Winter or Spring of 2019.

Following the first chapter meeting is one of our big events of the year; the ASHRAE-IFMA Energy for Kids charity fundraiser. For those unfamiliar with E4K, the event raises money to support local children's charities through energy and HVAC improvements funded by the event. These improvements help support the recipient charities' bottom line by reducing long term energy and maintenance costs. Because of our collaboration with IFMA (International Facility Management Association), the money raised gets stretched even further through discounts on equipment and services and through time donations by local contractors. Last year, we were able to support the Boys and Girls Club of Hampton Roads with a lighting upgrade. This year's charity is especially personal to me, the Seton Youth Shelter, which provides housing and individual/family crisis counseling for at-risk youth. Please see the "All Call!" in this newsletter or visit their website <http://setonyouthshelters.org/> to better understand their mission. I encourage you to bring your spouse, bring a friend, bring a co-worker, or bring all three. E4K is a great time and for a great cause.

So, what's new for this year? It is my goal to provide another year of great programming through our Distinguished Lecturers and passionate industry professionals. In my limited one-year term there are a couple items I wish to apply my energy toward: connectivity and membership. On connectivity: ASHRAE has a wealth of great information from some very intelligent people. In following our new Society President, I want to establish bridges between local members and the sea of information produced by Society on important topics. To start, I encourage you to glance through our list [technical committees](#) and see which TC's affect what you do the most. On membership, I'll start with a challenge: If you know someone who has never been to a Chapter Meeting, or not been in a while, I challenge you to bring them to the next meeting. If you have new grads in your office, encourage them to become involved.

I look forward to seeing you there!

Christian Guerra, PE



ALL CALL!!



Seton Youth Shelters provides an invaluable service to Hampton Roads by sheltering and caring for at-risk youth. They provide safety, security, comfort, and a positive future for children ages 9-17 who, through circumstances often outside their control, find themselves in serious situations. That is why we, ASHRAE HRC and IFMA, have selected Seton Youth Shelters as our E4K recipient this year. To date we have evaluated one of their facilities with the goal of improving reliability and reducing their energy use so they can apply their limited resources where they are needed most. Currently, the facility needs a new 3.5-Ton heat pump and a 280 MBH boiler upgrade. Please consider attending the E4K event or one of our annual sponsorship packages which will contribute to our E4K donation. Further, we are looking for persons willing to provide or contribute to providing a boiler. We also need volunteers, with the right expertise, to help install the new components.

2017-2018 Sponsors & Donors

Thank you for your commitment to ASHRAE Hampton Roads Chapter. Your contributions were key in making the year successful. We were able to meet our financial plan which included funding our engineering scholarships, supporting local charity through our E4K event, and funding the critical ASHRAE research that guides our industry.

From the entire board:

THANK YOU!

Thank You, 2017-2018 Annual Sponsors

Presidential



Gold

SIEMENS



Enviro Mechanical Sales, Inc

We conserve your energy



CLARK NEXSEN

Silver

POND



Chapter



Waltz Engineered Sales Inc.

UEP
UNITED ENERGY PRODUCTS, INC.



Donors

Hackworth
GRAPHICS • PRINTING • TECHNOLOGY



What's in the News

Building Our New Energy Future



In her address at the Presidential Luncheon, our 2018-2019 Society President, Sheila Hayter, addresses what changes in the energy sector mean to our future. ASHRAE has been doing buildings for 125 years, we are the experts at buildings. With the advent of smart grids and the future looking toward distributed generation it is incumbent upon us to act and contribute, in her words: "become aware, get engaged, start now." [Full Speech](#)



ASHRAE 365 App

The new ASHRAE App works for both Android and iPhone and helps you stay up to date. The app will provide information on ASHRAE Conferences, Chapters Regional Conferences, Topical Conferences, Events Calendars, and Virtual Conferences. It will also send notifications pertinent to the Society and provide quick access to ASHRAE's many social media platforms. Click [here](#) or on the ASHRAE 365 logo above for further information and a promotional video.



Cleanrooms Require Comprehensive Oversight.
So Does Cleanroom Design.

Design Guide for Cleanrooms



Year in Review

Be sure to check out the SY 2017-2018 Year in



New Members

- Brian Duncan
- Christopher McHugh
- Paige J Meijer
- Celia E Morin-Kensicki

Bulletin Board

[ECB 2018-10 HVAC Changes](#)

The latest Engineering Change Bulletin released August 10, 2018 for Tri-Service criteria addresses the DoD policy on VRF in more detail. Also, additional allowances are made for insulation.

[UFC 3-410-02](#)

The latest UFC (Unified Facility Criteria) released July 18, 2018 provides clarity on DoD expectations for control system, including BACnet requirements. The UFC also touches on cybersecurity which is becoming ever more important in our industry.

2019 Region III Chapter Regional Conference



ASHRAE HRC will host the Region III CRC at the new Hilton branded hotel "The Main", in downtown Norfolk. We are very excited to host this conference again, and will be sending a request for sponsors and technical presenters in the coming months. We have many positions to fill, and are still looking for volunteers to help with the planning and hosting activities. Initial planning for the CRC has begun and will continue through the event. We need all hands on deck for this important event, and we are looking for chapter members to help in our hospitality, publicity, reception, registration, and sponsorship committees. Please contact the CRC General Chair, [Brian Derby](#) or Vice Chair [Nancy Mitchell-Veeck](#) for more information.

"The Main" - August 14th, 15th, & 16th - 2019

2018-2019 Annual Sponsorship Packages

Hampton Roads ASHRAE Chapter is pleased to offer our single contribution sponsorship program again for the 2018-2019 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://hamptonroads.ashraechapters.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

2019

January	February	March	April
1 2 3 4 5	1 2 3 4 5 6	1 2 3 4 5 6 7	1 2 3 4 5 6
6 7 8 9 10 11 12	6 7 8 9 10 11 12	8 9 10 11 12 13 14	7 8 9 10 11 12 13
13 14 15 16 17 18 19	13 14 15 16 17 18 19	15 16 17 18 19 20 21	14 15 16 17 18 19 20
20 21 22 23 24 25 26	20 21 22 23 24 25 26	22 23 24 25 26 27 28	21 22 23 24 25 26 27
27 28 29 30 31	27 28 29 30 31	29 30 31	28 29 30 31
May	June	July	August
1 2 3 4	1 2 3 4 5 6	1 2 3 4 5 6 7	1 2 3 4 5 6
5 6 7 8 9 10 11	7 8 9 10 11 12 13	8 9 10 11 12 13 14	7 8 9 10 11 12 13
12 13 14 15 16 17 18	14 15 16 17 18 19 20	15 16 17 18 19 20 21	14 15 16 17 18 19 20
19 20 21 22 23 24 25	21 22 23 24 25 26 27	22 23 24 25 26 27 28	21 22 23 24 25 26 27
26 27 28 29 30 31	28 29 30 31	29 30 31	28 29 30 31
September	October	November	December
1 2 3 4 5 6 7	1 2 3 4 5	1 2 3 4 5 6	1 2 3 4 5 6 7
8 9 10 11 12 13 14	6 7 8 9 10 11 12	7 8 9 10 11 12 13	8 9 10 11 12 13 14
15 16 17 18 19 20 21	13 14 15 16 17 18 19	14 15 16 17 18 19 20	15 16 17 18 19 20 21
22 23 24 25 26 27 28	20 21 22 23 24 25 26	21 22 23 24 25 26 27	22 23 24 25 26 27 28
29 30	27 28 29 30 31	28 29 30 31	29 30 31

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. With CRC next August there will be ample opportunity to get plugged in.

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.

2018-2019 Chapter Events Calendar

Month	Date	Event
July 2018	1 st	Start 2018-2019 Calendar Year
	25 th	Board Meeting
August 2018	13 th	Chapter Newsletter – August
	16 th – 18 th	Region III CRC
	22 nd	Board Meeting
September 2018	3 rd	Chapter Newsletter – September
	13 th	Chapter Meeting (Kick-Off For the 2018-2019 Season)
	19 th	Board Meeting
	25 th	Chapter Newsletter - October
	27 th	ASHRAE / IFMA E4k Pig Roast
October 2018	2 nd	Chapter Meeting
	24 th	Board Meeting
	30 th	Chapter Newsletter – November
November 2018	13 th	Chapter Meeting & Technical Tour
	14 th	Board Meeting
	27 th	Chapter Newsletter – December
December 2018	4 th	Chapter Meeting
	19 th	Board Meeting
	30 th	Chapter Newsletter – January
January 2019	8 th	Chapter Meeting
	12 th – 16 th	ASHRAE Winter Conference – Atlanta, GA
	23 rd	Board Meeting
	29 th	Chapter Newsletter – February
February 2019	5 th	Chapter Meeting
	20 th	Board Meeting
	26 th	Chapter Newsletter – March
March 2019	5 th	Chapter Meeting
	20 th	Board Meeting
	26 th	Chapter Newsletter – April
April 2019	2 nd	Chapter Meeting
	17 th	Board Meeting
	30 th	Chapter Newsletter – May
May 2019	7 th	Chapter Meeting (Last of the 2018-2019 Season)
	15 th	Board Meeting
	TBD	ASHRAE / IFMA Golf Tournament
	28 th	Chapter Newsletter – June
June 2019	19 th	Board Meeting
	22 nd – 26 th	ASHRAE Annual Conference – Kansas City, MO
August 2019	14 th – 16 th	Region III CRC @ The Main, Downtown Norfolk

Check our website for the most up to date information.

<http://hamptonroads.ashraechapters.org/>



Thursday, Sept. 27th @ 4:00-8:00 p.m.
Chesapeake City Park
900 City Park Drive, Chesapeake, VA 23320

Join us for an evening of BBQ, Oysters, Beer, Music and more...all for a good cause!
All Profits will be donated to the [Seton Youth Shelters](#) and are designated for Energy Improvements to their HVAC system.

Tickets	Includes	Price	Choice
VIP Table	8 Tickets and Reserved Table Table/Poster Signage	\$500	_____
Group Sponsor	5 or more tickets	\$35 each	_____
Individual Ticket	Ticket to the event	\$40 each	_____

Sponsorships are available through the annual sponsorship program. Details available at the link below.
<http://hamptonroads.ashraechapters.org/sponsors.html>

Free parking is included with ticket. Parking information will be distributed to ticket holders prior to the event.
Payment Method: Invoice Check Credit Card @
<http://www.hamptonroads.ashraechapters.org/E4K.html>

Company: _____ Address: _____

Contact Name: _____ Phone: _____

Fax: _____ E-mail: _____

ASHRAE: Complete and return to Adam Forshey
Make check payable to **ASHRAE HRC**
957 Jenkins Dr.
Virginia Beach, VA 23464
Fax 757-322-4142
Questions: 757-285-9028 or e-mail: ashraehrc@gmail.com

IFMA: Complete and return to IFMA Hampton Roads
PO Box 68639 Virginia Beach, VA 23471
FAX: 757-497-1895
Questions: 757-508-6232

***DEADLINE For Signage– September 20, 2018**