

ASHRAE MONITOR

hamptonroads.ashraechapters.org

Next Meeting – Thursday, January 5th
Lunch and networking starts 11:30 a.m.
Technical Session starts at noon.

Topic: Psychrometrics 101
Calvin Whitt, AECOM

\$20.00 members, \$25.00 non-members

Location: Clark Nexsen – [4525 Main Street Virginia Beach, VA 23462](#)

[RSVP for lectures or purchase season pass](#)



Chapter cannot act on behalf of Society

ASHRAE Mission Statement

“To advance the arts and sciences of heating, ventilation, air conditioning and refrigerating to serve humanity and promote a sustainable world.”

Upcoming Events

January 5 th	Fundamentals of Psychrometrics
January 19 th	YEA Happy Hour
January 28 th	ASHRAE Conference/AHRI Expo
February 5 th	Standard 62.1-2016 Multiple Space Equations
March 7 th	Water Quality & Process Requirements

ASHRAE Annual Conference
Register now for the ASHRAE annual conference and AHR Expo to be held in Las Vegas Jan 28th –Feb 1st

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Technical Lecture Program
The 2016-2017 lecture program includes several great topics and distinguished speakers.

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Member Spotlight

Past Society VP and HRC past President Dan Pettway shares his thoughts on the value of ASHRAE.

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Region III Dinner in Vegas
Invitation and menu for the Region III dinner to be held during the ASHRAE Conference in Las Vegas on Sunday, January 29th, 2017.

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Brian Derby

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RJ Hartman

Vice President

Christian Guerra

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Nathan Luetke

Website Editor

Scott Almond

Young Engineers in

ASHRAE (YEA)

RJ Hartman

Member Spotlight: The Value of ASHRAE

RJ Hartman sits down with past Society Vice President, and Hampton Roads Chapter past President Dan Pettway to discuss his ASHRAE experience, chapter history, and continuing advocacy for the chapter and society.



Dan Pettway and wife Terri

Interview:

RJ: How did you get involved with ASHRAE?

Dan: Like so many other people in the industry I recognized that ASHRAE made up a significant contribution in their standards and handbooks and everything. It was very quickly realized that if you were going to be part of the HVAC&R community you had to be involved with ASHRAE because that is where everyone went and congregated and it was a great place to start relationships with consultants. You have a few drinks, enjoy a tech session, and get to know somebody and it was a lot easier to get through the door. If you didn't know somebody when you came up to the front door and wanted to see someone to discuss projects they were working on, a lot of times you would get stonewalled because they were busy. They didn't have time for anyone they didn't value. That's what got me into ASHRAE.

RJ: Who had the most impact on your commitment to ASHRAE?

Dan: I don't know, I can't think of any one person. I saw after I got involved at the society level, by being regional vice chair of membership promotion and a member of the membership committee, the curtain get pulled back and saw all that ASHRAE does. The technical committees, the research, the scholarship, the standards. The fact that it is pretty much done by people like you and me. If it wasn't for ASHRAE, that stuff wouldn't get done. I got into it because I thought I was helping the industry, I got into it because I thought it helped me. Everything I've learned was basically on the job, practical application, but I've learned so much from ASHRAE that it helped me get where I am in my career. ASHRAE is very, very important. I don't think many people realize that today until they realize that themselves.

Continued on page 5...



Easily request employer support with templates from the new [Conference Justification Toolkit](#).

Keynote Speaker

[Adam Steltzner](#) - Team Leader and Chief Engineer EDL, NASA Mars Rover Curiosity and Author

Hospitality

[Welcome Party >>](#)
[Young Engineers in ASHRAE \(YEA\) Hospitality >>](#)
[Meet and Greet >>](#)
[President's Luncheon >>](#)
[Members Night Out >>](#)

Tours

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Did You Know?

All of ASHRAE standards referenced in code can be viewed online for free. This includes Standard 15, Standard 55, Standard 62.1, Standard 90.1, Standard 188, and Standard 189.1

View here:

<https://www.ashrae.org/standards-research-technology/standards-guidelines/other-ashrae-standards-referenced-in-code>

New Members

Welcome to our new chapter members!

Colette Trouillot

Sean Reid

Mike Renn

YEA Happy Hour

Please join us at our next YEA Happy Hour! The event will be held on **Thursday, January 19th** at [O'Connor's Brewing Co](#) at 211 W 24th St in Norfolk. I highly encourage everyone to come mingle with local YEA members. It is a great way to meet new people, as well as see familiar faces. We welcome non-members too, so please bring your prospective YEA coworkers!

Please RSVP to me by Wednesday January 18th if you plan on attending (even if you are tentative).

As always, do not hesitate to reach out to me if you have any questions/comments/concerns.

Thanks and see everyone soon!

RJ Hartman
 HRC ASHRAE President-Elect
 HRC ASHRAE YEA Chair

Upcoming Technical Program

Thursday, January 5th 2017 - "Psychrometrics 101"

Calvin Witt, Vice President, with AECOM will bring in the New Year with a refresher on the fundamentals of psychrometrics. The presentation will cover the psychrometric chart and psychrometric processes as they relate to HVAC design.

[Clark Nexsen – 4525 Main St. #1400, Virginia Beach, VA 23462](#)

Tuesday, February 7th 2017 - "ASHRAE 62.1-2016 – Multiple Space Equations"

Hoy Bohanon, President, with Hoy Bohanon Engineering, PLLC will present on ASHRAE 62.1. The presentation will cover an overview of ASHRAE 62.1-2016 and how to use Multiple Space Equations per the new version. The presentation is GBCI Approved for 1 CE hour.

[Clark Nexsen – 4525 Main St. #1400, Virginia Beach, VA 23462](#)

Tuesday, March 7th 2017 - "How to determine Water Quality & Process Requirements and Write Relevant Specifications"

Mel Boyd, Executive Team Lead, with Culligan of Greater Virginia will present on water treatment systems. This presentation will focus on practical applications and explore specific real world examples including humidification applications. Attendees will gain an understanding of what is relevant in a water analysis when specifying treatment processes as well as understanding anticipated qualitative and quantitative results when applying a process to a specific water source. This presentation will enable better specification writing relative to water requirements for specific applications.

[Clark Nexsen – 4525 Main St. #1400, Virginia Beach, VA 23462](#)

Reservations and Full 2016-2017 Schedule:

[HTTP://HAMPTONROADS.ASHRAECHAPTERS.ORG/RESERVATION.HTML](http://HAMPTONROADS.ASHRAECHAPTERS.ORG/RESERVATION.HTML) or
HRCASHRAE@gmail.com

Meeting Dues:

Members \$20

Non- Members \$25

Student Members \$10

**Seasons Pass (9 PDH's)\$120

***No refund for missed meetings & must be present to receive PDH.*

Be sure to check our website regularly for meeting updates, cancellations, and special events. We look forward to seeing you throughout this 2016-2017 season.

Best Regards,

Christian Guerra
2016-2017 Vice President & CTT Chair

Value of ASHRAE, Continued from Page 2:

RJ: What are your most memorable Hampton Roads Chapter and society level experiences with ASHRAE?

Dan: So far as the chapter is concerned being general chairman of the 1995 CRC is by far the biggest thing. In addition, I can't tell you how pleased, how honored, I am that the board decided to go ahead with the scholarship at TCC and contribute \$500 towards a student's education. That means a lot to me, you probably might not realize how much that means to me. I told my wife, that beats the hell out of a marble slab or a brass plaque out at the boneyard. That scholarship at TCC will help keep a student in school and help get them far enough to make that next big step to a 4 year institution. As far as society goes, the best job was Director of Regional Chairman. It enabled me to work with the 12 chapters in the region, to work with them, to help them. It was like managing a small company.

RJ: What is a "word of wisdom" you would like to pass onto the young (YEA), new members?

Dan: That you'll never realize all that ASHRAE is until you become an active volunteer. Until you do that you're just paying your dues and sitting on the sideline and never enjoying all that society has to offer. The education, the management training, the friendships. All of my best friends, for the most part, are ASHRAE members. From here and all over the world. And something I haven't touched on, along with all of these inter-personal relationships, is that you recognize, by moving through these committees and so forth, who the experts are in the world. You can't put a price on that. Professional growth, a wealth of information from experts throughout the world, and the fact that you are able to pay back to the industry you've made a living. If you don't get involved, and are in this industry, you are missing. I can't tell you how much it's meant to me.

Dan is a Life Member who has served in many positions at the chapter and society level including Vice President, Board of Directors, Region III Director and Regional Chair, Membership Promotion Committee Chair, Planning Committee Member, Electronic Communications Committee Member, and Board Governance Transition Team Member. He has served on technical committees TC 8.7, Variable Refrigerant Flow and TC 7.2, HVAC&R Construction & Design Build Technologies. Dan is currently serving on the Residential Buildings Committee and Certification Committee.

He has received the Distinguished Service Award, Chapter Service Award, Regional Award of Merit, Exceptional Service Award, and Regionaire Award. He has organized and conducted three CRCs while serving as Director and Regional Chair of Region III. He has also organized and conducted three President Elect training workshops while serving as Director and Regional Chair of Region III. He is a Licensed Mechanical Contractor Master and Licensed Gas Fitter Master in the state of Virginia. He also is a FAA Licensed Commercial Pilot.

Dan currently works as a project engineer at [Hobbs and Associates](#) in Norfolk, VA.

By RJ Hartman



Shaping Tomorrow's
Built Environment Today

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Gary C. Debes
Region III ECC Chair

Reply to:

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150 S. Independence Mall West
Suite 1200
Philadelphia, PA 19106
Tel: 484.886.7400
gcdebes@verizon.net

August 30, 2016

Dear Region III Members:

I have the pleasure of inviting you to attend the **Region III Winter Meeting Dinner**. It will be held on Sunday, January 29, 2017 at Hofbrauhaus Las Vegas, 4510 Paradise Road, Las Vegas, Nevada 89169. ☎ (702) 740-7888.

You are cordially invited to join other members from Region III for an evening of delicious food, drinks and fellowship.

Hofbrauhaus Las Vegas is just a few blocks from the Las Vegas Hilton. We will meet in the hotel lobby for a short cab ride to the restaurant.

Dress is business casual

The schedule for the evening has been arranged as follows:

6:00 PM Meet at the Caesar's lobby to take a shared cab ride to the restaurant.
6:30 PM Arrive at Hofbrauhaus for drinks (cash bar).
7:30PM Dinner will be served from the attached menu, Soft Drinks, Coffee, Iced Tea are included

The price for this great evening is \$55.00 per person. Please complete the reservation form below and return it to me, along with your check made payable to: "**ASHRAE REGION III**", so that I will receive it **no later than Monday, January 22, 2017.**

If you cannot mail it by that date, fax or e-mail your dinner reservation to me but, please, bring your check with you to dinner. It is really important to respond quickly; I must make firm reservations before the ASHRAE meeting begins. **THANKS !!!**

We are once again inviting our Student Members to join us, if you are interested in sponsoring one or more of these students please feel free to contact me, Paul Petrilli or Dunstan Macauley.

Once again, I look forward to seeing you on January 29th!!!!

Name _____ Banquet _____ Quantity _____

Name _____ Vegetarian _____ Quantity _____

Total Quantity _____ X \$55.00 = _____

NOTE: MAIL BACK THIS RESERVATION TO GARY DEBES AT:

Gary Debes
998 Caln Meetinghouse Road
Coatesville, PA 19320
(484) 886-7400
(484) 694-0487 Fax

Please use this reservation as your receipt



HOFBRÄUHAUS
LAS VEGAS

Grand Bavarian Banquet Dinner Menu

For Groups of 25-50 Persons

Served from 4pm to 10pm

Saturday and Sunday 11am to 10pm

Appetizer

“Obatzda”, Brie prepared with Cream Cheese, Butter, and Onions, Delicately Seasoned and served with a Freshly Baked Pretzel

HB Salad

with our Special House Dressing

Entrée Selections

Guests Will Receive a Custom Menu to Make Their Selection at Time of Event

Schnitzel Wiener Art

Breaded Pork Cutlet served with Cranberries and Homemade Potato Salad

Jäger Schnitzel

Pork Cutlet served Hunter Style topped with Creamy Mushroom Sauce, Bacon, and Onions served with Spätzle and Cranberries

Gegrillte Hähnchenbrust

Grilled Chicken Breast with Creamy Mushroom Sauce and Homemade Spätzle

Gebackenes oder Gegrilltes Fisch Filet

Fish of the Day, choice of Breaded and Pan Fried Golden Brown or Seared served with Tartar Sauce, Lemon and Homemade Potato Salad

Schweinebraten

Munich Pork Roast with Vegetable Garnish, Dark Beer Sauce, Potato and Bread Dumpling

Sauerbraten

Marinated Beef Pot Roast Bavarian Style served with Red Wine Sauce, Vegetable Strips, Homemade Spätzle and Red Cabbage

Hofbräuhaus Wurstplatte

Sausage Plate with Vienna-Style Frankfurters, Pork and Chicken Sausages, imported Sauerkraut, Mashed Potatoes and Onion Mustard

Hofbräuhaus Platter

Smoked Pork Loin, Pork Roast, Smoked Sausage, Dark Beer Sauce, imported Sauerkraut, and Mashed Potatoes

Vegetarian Allgäuer Käsespätzle

Special German Noodle with Swiss Cheese and Crisp Onions

Two Grilled Vegan Frankfurters

with French Fries and Curry Sauce

Desserts

Hofbräuhaus Sweet Platter

Chef's selection of Assorted Dessert Specialties