

# ASHRAE MONITOR

www.hamptonroads.ashraechapters.org



## Mission Statement

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

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**The Discussion Topic:**  
**Sustainable Design and Standard 90.1**

**Date & Time:** Tuesday, February 7, 2012  
 Lunch at 11:15 A.M.  
 Presentation from 12 - 1:00 P.M.

**Speaker: John F. Dunlap, PE, LEED AP**

**Place: Advantis Conference Room**  
 448 Viking Drive  
 Virginia Beach, Virginia 23452


**Cost:** Members \$20, Guests \$25 & Students \$10

**Signup:** Reservations are requested by, 2-03-12,  
 See pages 4-6 for details

**Reservations:** R.S.V.P. at  
<http://hamptonroads.ashraechapters.org>

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**ODU vs. VCU Basketball**  
 Club Level Party Event  
 February 11th



Congratulations Dan Pettway!

The Hampton Roads Chapter is proud and honored to announce that Dan Pettway of Hobbs and Associates has been nominated and subject to election for Society Vice President!

Publish an Article about Your Project

Do you have a unique, challenging, or otherwise interesting project that you'd like to share? If so, please send a write-up and photos (if applicable) to rainsley@enviromechanicalsales.com . We will include one article per month in the ASHRAE Monitor. Preference will be given to local projects exhibiting sustainable design/construction practices.

- President - Rob Ainsley - RAinsley@enviromechanicalsales.com
- President Elect - Paul Butler - PaulB@aceshvac.com
- Vice President - Richard Roberts- Richard.w.Roberts@jci.com
- Secretary - Daniel Johnston - Daniel\_Johnston@siemens.com
- Treasurer - Scott Almond - scott@mail.ashrae.org

Chapter cannot act on behalf of the Society.

## *Committee Participation is Needed and Welcomed*

If anyone has an interest in becoming involved with ASHRAE we welcome people to serve in various ways. Please feel free to contact any of the board members to get more information. You can also visit the ASHRAE web site to find out more about getting involved. It is a great way to plug in to your local community of peers and grow personally and professionally. For those of you who have served before, we welcome your participation also. Every effort helps to enrich our local community.

## **Your Feedback Matters**

Are there things that you would like to see happening in ASHRAE? Please feel free to contact us with suggestions for improvement and with ideas on how you would like to see the local ASHRAE chapter change or improve. We welcome and value your feedback. Again, you can contact us utilizing the email addresses on Page 1.

Thanks!

Hey La Day La the ASHRAE MONITOR is BACK!!!!

January 2012 Newsletter President's Pen by Rob Ainsley

It is with great excitement to announce that the Hampton Roads Chapter's "ASHRAE MONITOR" is back in circulation. As always, the newsletter will provide a monthly review of the Chapter's operations and activities. We will still use the blog as an interactive social media tool in providing a timeline of our current and past events. It has been almost 2 years since our last newsletter so I will only give you an update on the 2011/2012 season.

We are half way through another successful year where we have seen tremendous growth in both our chapter membership as well as our board level office and chair positions. A list of your officers can be found on page 1 as well as a list of your committee chairs on the back page of the newsletter. **We encourage and challenge all of our members and prospective members to volunteer and become a leader within the Hampton Roads Chapter and Community.** We would like to especially recognize Secretary - Dan Johnston (Siemens Industry, Inc.), YEA Advisor - Carla Davila (AECOM Design), Chair Volunteer - Jeremy Hollands (Bowman, Foster, and Associates), and Chair Volunteer - Jeremy Thomas (East Coast Water Treatment, LLC. ) for stepping up to the plate this year and providing support, dedication, and commitment to the growth and success of our Chapter. Ask how you can get involved today!

We started off the year with our 3rd Annual Research Promotion Event at Harbor Park and brace yourselves (for the pun), it was a home run! Forrest Morgan (Clark Nexsen) chairs our Research Promotion Committee and has done a splendid job planning the event as well as raising RP donations. Look for our RP Donations "Goal Thermometer" on the back page of the newsletter. The year continued with our 4th Annual ASHRAE/IFMA E4K Pig and Oyster Roast where we raised \$10,000.00 to contribute to energy upgrades for the facilities at The South Hampton Roads YWCA! The event was a smashing success where guests were entertained by "The Hotcakes" on the river at Talbot Hall, Norfolk. We were also honored with a special guest, Society's President Elect, Tom Watson. All the credit is attributed to all of our sponsors (see page 3) and volunteers. Thank you!

The year continued with strong chapter programs, bringing in old and new faces throughout the industry. We are gearing up for this year's second half where you can expect an exciting line up of strong programs given by ASHRAE Distinguished Lecturers and Industry Experts. We also have our Student Activities ODU vs VCU Basketball Event on Saturday, February 11th. We invited you to meet our ODU ASHRAE Student Chapter Members who have made incredible strides working with our Student Activities Chair and Past-President, Gary Hayden (gbH Engineering) in reinvigorating our commitment to the future leaders of our industry. We also have our ASHRAE Webcast on April 19<sup>th</sup> as well as our Student Scholarship Golf Tournament on May 17<sup>th</sup>.

We are building something special and we want you to be a part of it! See you at the next meeting!

# 4th Annual Pig Roast

Proceeds funded \$10,000 in energy improvements  
for the Facilities at YWCA

## E4K Pig Roast Benefit



**Gold Level**



**Silver Level**



**Bronze Level**



Thank You!

# 3rd Annual Research Promotion Event At Harbor Park



**GRAND SLAM**



**HOME RUN**



**TRIPLE**



**DOUBLE**



**SINGLE**



**DOOR PRIZES**



## Thank You!

**Tuesday, February 7, 2012**  
***"Sustainable Design and Standard 90.1"***



**Hampton Roads Chapter of ASHRAE**

**Speaker – John F. Dunlap, PE, LEED AP** has been involved in all aspects of mechanical engineering including building energy auditing, design of HVAC systems, plumbing systems, energy modeling and commissioning. His projects include industrial, institutional, commercial and healthcare facilities. He is a certified energy manager and is knowledgeable in energy conservation as well as in the design of specialty systems. Mr. Dunlap received LEED Accreditation in 2003, ASHRAE's High-Performance Building Design Professional Certification in 2008 and Certified Healthcare Facility Design Professional in 2009. Additional ASHRAE certifications include Certified Energy Modeling Professional and Commissioning Process Management Professional. He has served as chairman of ASHRAE'S national technical committees on noise and vibration and thermal storage. He has served as a national judge for ASHRAE'S annual energy awards and is an ASHRAE Certified Standard 90.1 Trainer. He served on both the ASHRAE committee on development of sustainable design tools and the ASHRAE Commissioning Certification Committee and currently serves on the ASHRAE Energy Auditing Professional Certification Committee. He is a consultant to the ASHRAE 90.1 Mechanical Committee and was one of seventeen ASHRAE Provisional bEQ Assessors. He is active in the James River Green Building Council where he serves as a board member and chair of the State Advocacy Committee. He has served as chairman of ASHRAE'S national technical committees on noise and vibration and thermal storage.

**Topic: Sustainable Design and Standard 90.1** – Mr. Dunlap will provide an overview of sustainable design, Standard 90.1, TAC, bEQ labeling, and ASHRAE's Certification program.

***Earn 1 hour of Professional Development Hours at this meeting.***

***Date: \*\*\*TUESDAY\*\* February 7, 2012***

***Location: Advantis Conference Room, 448 Viking Dr. Virginia Beach, VA***

***Time: Meet and Greet/Lunch at 11:45am and Tech Session begins at 12:00 pm***

***Payment: Members = \$20.00 Non-Members = \$25.00 Students = \$10.00***

***For reservations go to <http://hamptonroads.ashraechapters.org/>***

# HRC ASHRAE STUDENT ACTIVITIES

## BASKETBALL

### Club Level Party Event

Come Meet Tomorrow's Engineers

ODU – VCU

February 11, 2012

PIZZA / Pop Corn / Chips & Dip

Cash Bar

Free Parking

**Event Starts at 1:30 PM – Game Time 2:00 PM**

Cost \$50 for ASHRAE Members, Faculty and Guests  
(\$25 of your ticket fee is used to pay for a student ticket and is tax deductible)

**Limited to 25 Tickets this Year for ASHRAE Members**

**First Come Basis**

**Go to: [www.hamptonroads.ashraechapters.org](http://www.hamptonroads.ashraechapters.org) for CC purchase  
or Bring Check or Cash to VIP Will Call – No Shows will be Billed**

Sign Up and Reserve your ticket at [hrcashrae@gmail.com](mailto:hrcashrae@gmail.com)

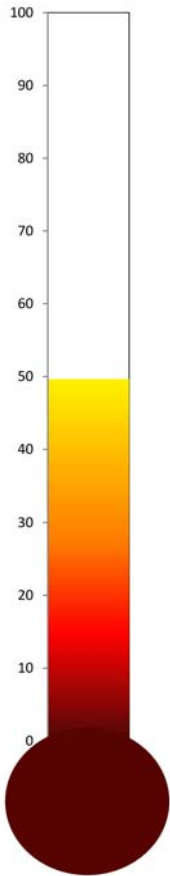
Pick up Ticket at VIP Entrance North Side of TED facing 45<sup>th</sup> Street  
Ticket Table opens at 1 PM

HRC: 2011-2012  
Research Promotion Goal



As of: 12/13/11

Goal	\$4,100.00
To Date	\$2,035.00



49.6% of Goal!

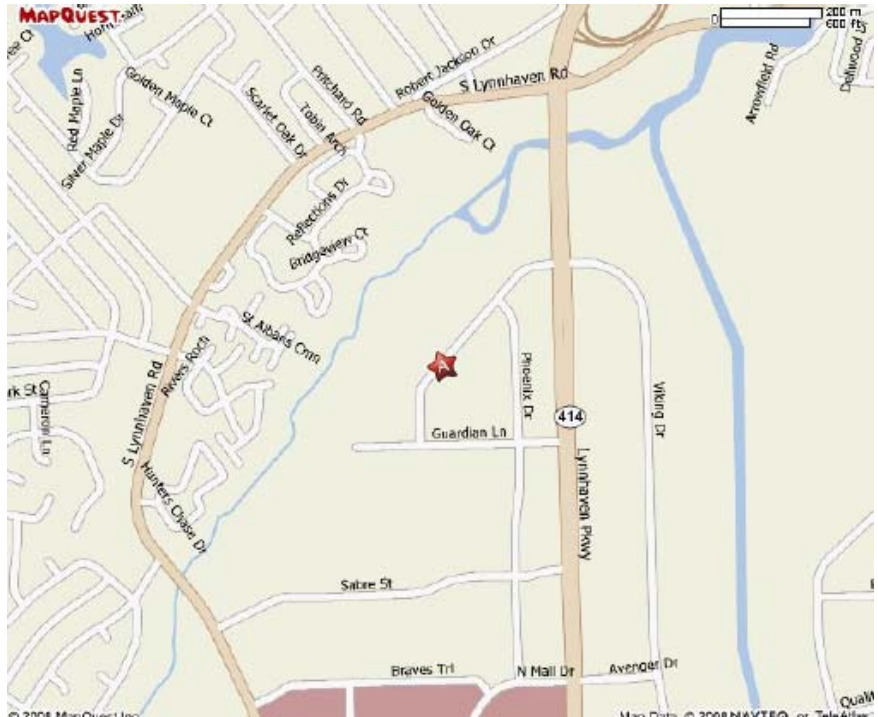
## Committee Chairs

**Membership:** Douglas Henderson  
**Student Activities:** Gary Hayden  
**Historian:** Joe Hahn  
**Refrigeration:** Open  
**Research Promotion:** Forrest Morgan  
**Technology Transfer:** Steve Lowe  
**Website Editor:** Scott Almond  
**Young Engineers in ASHRAE:**  
 Carla Davila  
**Chair Volunteer:** Jeremy Hollands  
**Chair Volunteer:** Jeremy Thomas

**Board of Governors:**  
 Gary Hayden, Steve Lowe, and  
 Douglas Henderson

## Advantis Conference Room

448 Viking Drive  
 Virginia Beach, Virginia 23452



## ASHRAE

**Sustainable Design and  
 Standard 90.1**  
 John F. Dunlap  
 February 07

**ODU vs. VCU  
 Basketball Game**  
 February 11

**Future Building Trends**  
 Drury B. Crawley, PhD.  
 March 06

**Ground Source Heat  
 Pumps**  
 April 3

**Dedicated OA Systems  
 Webcast**  
 April 19

**ASHRAE Building  
 Energy Quotient**  
 Dr. William Bahnfleth  
 May 8

**Spring Golf Outing**  
 TBD  
 May 17