



ASHRAE ACTION

ROANOKE CHAPTER NEWSLETTER

(WWW.ASHRAEROANOKE.ORG)

APRIL 2009

APRIL MEETING

**PLEASE JOIN US FOR A GREAT MEETING AT THE
HOTEL ROANOKE!**

Tuesday, April 14th at DINNER
Hotel Roanoke
110 Shenandoah Ave Roanoke VA 24016

SPEAKER:

JEFF WATCKE,
Dynamic Air Quality Solutions

TOPIC:

ELECTRONIC AIR FILTERS

AGENDA:

CASH BAR begins at 5:30 pm

PRE-PROGRAM: 5:45 pm

DINNER: 6:30 pm

BUSINESS MEETING AND PROGRAM: 7:00 pm

COST: Scholarship Recipients - Free

Students - \$10

Members - \$20

**RESERVATIONS MUST BE MADE BEFORE NOON
on April 9th TO Patrick Murdock:**

E-mail: pmurdock@trane.com

Phone: 540-563-2828

*Tip: Make your reservation online at our Web Site,
see link below:*

<http://ashraeroanoke.org/Meetings/registration-form1.htm>

PRESIDENT'S CORNER

"Maintain to Sustain – Delivering ASHRAE's Sustainability Promise" – Bill Harrison, ASHRAE President, 2008-2009

This month we will be awarding six \$300 scholarships at the monthly meeting. Recipients will be selected from students attending VA Western Community College and Virginia Military Institute who participates in HVAC&R related course at their respective schools. As you are well aware of by now, these scholarships were made possible by your participation in and donations towards last year's 10th Annual Lew Evans Scholarship Golf Tournament & Bar-B-Que.

For the Chapter, this meeting is much more than giving money out to students. This is a night when we can highlight and show off the various career opportunities in the world of HVAC&R as well as the necessity and benefit of becoming an ASHRAE member. Please come to the meeting with a smiling face and the intention of meeting and talking to as many students as possible so that they feel welcome.

Similar to last year's student night, we will again be having a "PRE-PROGRAM." Several of our chapter members will briefly discuss the various career opportunities that are available to someone interested in the HVAC&R industry.

Also, please do not forget about this year's golf tournament. If you do not play, Jeff Consroe would love your help running the tournament. If you do play, get foursome together and sign-up early.

Jeff also needs items for door prizes, and "goodie-bag" giveaways. The standard "no commercialism" rule does not apply with these items. So feel free to donate logoed golf balls, shirts, etc.

Thank you for your continued support of the Roanoke Chapter, and I will see you on April 14th.

Dan Lieber

MARK YOUR CALENDERS:



May Meeting --- May 19th for LUNCH
Topic: AC Drives and LEED

**11th Annual Lew Evans Scholarship Golf
Tournament --- Friday May 22nd**

BOARD OF GOVERNORS MEETING
TUESDAY, APRIL 14TH AT HR AT 4:45 PM

The 11th Annual Lew Evans Scholarship Golf Tournament & Bar-B-Que is Coming!

The tournament will be held on FRIDAY, MAY 22nd this year. As always volunteers, sponsors, and door prize donations will be needed to make this a continued success.

This event makes possible the scholarships that not only allows us to give back to the community as a chapter, but also lets others know that ASHRAE exists.

Please contact Jeff Consroe if you are willing to help in any way. His contact information may be found in the list of Officers and Governors on page 4.

SPOTLIGHT ON ... THIS MONTH'S SPEAKER

JEFF WATCKE, IAQCP, IS A CERTIFIED INDOOR AIR QUALITY PROFESSIONAL WITH DYNAMIC AIR QUALITY SOLUTIONS OUT OF PRINCETON, NJ. PRIOR TO HIS CURRENT POSITION, JEFF SERVED IN THE US AIR FORCE WHERE HE ACHIEVED STAFF SERGANT. TODAY JEFF IS RESPONSIBLE FOR ALL COMMERCIAL AND INDUSTRIAL SALES AND ENGINEERING FROM FLORIDA TO CALIFORNIA AND HAS OVER 30 YEARS EXPERIENCE IN THE HVAC TRADE. JEFF HAS A DEGREE IN ARCHITECTURAL DESIGN & BUILDING TECHNOLOGIES FROM NORWALK STATE TECH. COLLEGE, AND A DEGREE IN ARCHITECTURAL DESIGN & CIVIL ENGINEERING FROM PORTER & CHESTER INSTITUTE. JEFF HAS SPOKEN AT A VARIETY OF ASHRAE MEETINGS AND FUNCTIONS, AND IS AN EXPERT IN THE INDOOR AIR QUALITY FOR HEALTHCARE FACILITIES.

The 11th Annual Lev Evans Scholarship Golf Tournament & Bar-B-Que



Sponsored by The Roanoke Chapter of ASHRAE



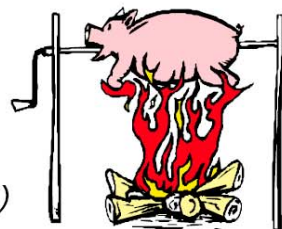
Friday, May 22, 2009
Hanging Rock Golf Course
Captain's Choice
Shotgun Start at 1:00pm

\$400.00 per team

(Includes 4 tickets for the Bar-B-Que immediately after the Tournament)

**Register
TODAY!!**

The Traditional
Bar-B-Que
5:30pm to 8:00pm!!
Tickets \$15.00
(Children under 12 FREE!!)



FREE Range Balls!

Please submit registration form for both the Golf Tournament & Bar-B-Que.
For additional information, registration form or questions, please contact
Jeff Consroe at jeff@breeden-collier.com or at (540) 797-7899.

ASHRAE NEWS!

ASHRAE POSITION DOCUMENT OUTLINES COMMITMENT TO NATURAL REFRIGERANTS

ATLANTA – In a new position document, ASHRAE outlines its support for research, assessment and strategic growth in the use of natural refrigerants such as ammonia, carbon dioxide, hydrocarbons, air and water in refrigeration systems and technologies.

ASHRAE's Position Document on Natural Refrigerants can be read at www.ashrae.org/positiondocuments.

As the industry searches for alternatives that have low global-warming potential, natural refrigerants are gaining increased interest. These refrigerants offer the potential to improve the environmental performance of refrigeration systems, according to ASHRAE.

“In light of the current global scenario, ASHRAE's response to the demand for environmental sustainability is to promote the development of systems that use natural refrigerants, safely, economically and efficiently,” Bill Harrison, ASHRAE president, said.

With this position document, ASHRAE demonstrates its commitment to:

- THE APPLICATION OF NATURAL REFRIGERANTS
- THE DEVELOPMENT OF STRATEGIC RELATIONSHIPS TO ADVANCE NATURAL REFRIGERANTS
- THE CONSIDERATION OF NATURAL REFRIGERANTS IN EXISTING AND NEW GUIDELINES, CODES AND STANDARDS
- THE PROVISION OF GUIDANCE AND EDUCATION TO POLICY MAKERS AND THE PUBLIC
- THE CREATION AND DISSEMINATION OF METHODS AND TOOLS FOR ENVIRONMENTAL ASSESSMENT OF REFRIGERATION SYSTEMS
- THE PUBLICATION OF TECHNICAL INFORMATION HIGHLIGHTING BEST PRACTICES FROM A SAFETY, RELIABILITY AND EFFICIENCY STANDPOINT
- THE PROMOTION OF AUTHORITATIVE INFORMATION ON NATURAL REFRIGERANTS THROUGH SEMINARS AND PUBLICATIONS

CLEAN, LEAN AND GREEN SATELLITE BROADCAST

ON WEDNESDAY, APRIL 22, 2009, ASHRAE'S CHAPTER TECHNOLOGY TRANSFER COMMITTEE (CTTC) WILL PRESENT A SATELLITE BROADCAST AND SIMULTANEOUS WEBCAST "CLEAN, LEAN AND GREEN – IAQ FOR SUSTAINABLE BUILDINGS."

ONLINE REGISTRATION FOR SITE COORDINATORS AND WEBCAST VIEWERS BEGINS MARCH 2ND AT WWW.ASHRAE.ORG/IAQBROADCAST. REGISTRATION FOR SATELLITE VIEWERS BEGINS MARCH 16TH. INFORMATION ABOUT THE PROGRAM AND SPEAKERS IS AVAILABLE AT WWW.ASHRAE.ORG/IAQBROADCAST.

THREE (3) PDH CREDITS MAY BE GRANTED TO THOSE WHO VIEW THE PROGRAM AND THEN COMPLETE THE PARTICIPANT REACTION FORM ONLINE BY APRIL 30, 2009.

AN ELECTRONIC FLYER FOR DOWNLOAD IS AVAILABLE AT [HTTP://WWW.ASHRAE.ORG/DOCLIB/20090204_IAQFLYER.PDF](http://WWW.ASHRAE.ORG/DOCLIB/20090204_IAQFLYER.PDF) TO ASSIST WITH PROMOTION OF THE BROADCAST PROGRAM. PLEASE WATCH FOR UPDATES VIA *ASHRAE INSIGHTS* AND WWW.ASHRAE.ORG.



*To Reserve A Seat
Apply Online Now*

NO ON-SITE REGISTRATION

PROVIDING A SAFE, COMFORTABLE AND RELIABLE ENVIRONMENT
 MANY BUILDING OWNERS LOOK FOR WAYS TO LOWER ENERGY BILLS, REDUCE CHANGE ORDERS DURING CONSTRUCTION, AVOID PREMATURE EQUIPMENT REPLACEMENT COSTS, AND CREATE A SAFER AND HEALTHIER BUILDING. BUILDING COMMISSIONING MEASURES AND TUNES UP PERFORMANCE OF EXISTING BUILDINGS AND ENSURES THAT NEW BUILDINGS BEGIN THEIR LIFECYCLE AT OPTIMAL PRODUCTIVITY. ASHRAE'S NEWEST CERTIFICATION IS IDEAL FOR INDIVIDUALS GIVEN A COMMISSIONING ROLE WHO MAY NOT HAVE A BUILDING HVAC BACKGROUND.

ASHRAE'S COMMISSIONING PROCESS MANAGEMENT PROFESSIONAL (CPMP) CERTIFICATION PROGRAM FOCUSES ON THE TOTAL COMMISSIONING PROCESS. THE PROGRAM TARGETS THOSE INDIVIDUALS WHO SERVE AS THE BUILDING OWNER'S COMMISSIONING PROJECT MANAGER AND WHO REPRESENT THE OWNER IN COMMUNICATING WITH THE COMMISSIONING AUTHORITY AND THE REST OF THE COMMISSIONING TEAM. THIS IS WHAT DISTINGUISHES THE CPMP CERTIFICATION FROM OTHER HVAC COMMISSIONING CERTIFICATIONS. THE CERTIFICATION WAS DEVELOPED IN COLLABORATION WITH APPA, BCA, IES, NEBB, SMACNA, TABB AND THE UNIVERSITY OF WISCONSIN-MADISON.

ASHRAE WILL LAUNCH THE CPMP CERTIFICATION PROGRAM WITH A SPECIAL PENCIL-AND-PAPER ADMINISTRATION ON JUNE 24, 2009, IN LOUISVILLE, KY, IN CONJUNCTION WITH THE ASHRAE ANNUAL CONFERENCE. TO EARN THE CERTIFICATION, YOU MUST SUBMIT AN APPLICATION INDICATING HOW YOU MEET CERTAIN ELIGIBILITY CRITERIA AND, IF YOUR APPLICATION IS APPROVED, PASS A 2-HOUR, 115-ITEM EXAMINATION. CONFERENCE REGISTRATION IS NOT REQUIRED. THERE WILL BE NO ON-SITE REGISTRATION!

*50% off if you apply
before June 5!*

TO LEARN MORE, DOWNLOAD AND COMPLETE THE [CPMP APPLICATION FORM](#) AND READ THE [CPMP CANDIDATE GUIDEBOOK](#). THE GUIDEBOOK CONTAINS IMPORTANT INFORMATION ABOUT ELIGIBILITY REQUIREMENTS AND OTHER ASPECTS OF THE EXAM.

TO APPLY FOR THE JUNE 24, 2009, EXAM, VISIT WWW.ASHRAE.ORG/CPMP OR CALL 1-800-527-4723

**FEE: \$415 (\$207.50 BEFORE JUNE 5)
 ASHRAE MEMBERS: \$295 (\$147.50 BEFORE JUNE 5)**



AIA Blue Ridge

This Chapter of the American Institute of Architects will focus on a lecture and 2 exhibits for

Architecture Week: 13 -19 April



VT Lecture - Marlon Blackwell

<http://www.marlonblackwell.com>

VT campus - Hancock Hall Room 100

15 April, Wednesday 7pm (No Cost)



Opening Reception for Two traveling exhibits

at O Winston Link Museum

16 April, Thursday 6pm-9pm

Reception Cost \$15.00

rsvp jvangild@gmail.com by April 13th

America's Favorite Architecture:

Features 150 works of architecture – buildings, bridges, monuments and memorials.

Livable Communities for Virginia:

Identifies the 10 Principles for Livable Communities



The exhibits will be at the O. Winston Link Museum from April 6 - May 30.

Monday-Sunday, 10am-5pm

Sponsors and contributors:



LIONBERGER
CONSTRUCTION



ENGINEERING UNPLUGGED

green building/manufacturing/research



What is Engineering Unplugged?

Presented by the Professional Development Center of Old Dominion University, Engineering Unplugged is the premier green event and the first green conference of its kind in Hampton Roads, providing a unique opportunity to expand your understanding of Green Building, Green Manufacturing and Green Research.

Through a comprehensive curriculum designed to enlighten newcomers and engage those with an advanced understanding of green principles, Engineering Unplugged will provide you with what you need to:

- Prepare yourself for changes in building practices with cutting edge experts from LEED, ASHRAE, solar technologies, and more.
- Identify areas where unknown energy loss and consumption waste your money.
- Increase your understanding of applications for future green technologies.
- Elevate your expertise with tours, demonstrations, case studies and networking.

What Others are Saying About Engineering Unplugged

Stephen Walz, Director of the Virginia Department of Mines, Minerals and Energy, states, "This conference is in direct alignment with Governor Kaine's yearlong initiative, Renew Virginia. We applaud the leadership of the PDC in organizing this important day and the generosity of its many sponsors in making it possible. The Commonwealth is determined to remain among our nation's top sustainable energy states and home to legions of forward-thinking individuals and enterprises that believe in the power of going green."

FOR MORE INFORMATION, PLEASE GO TO: [HTTP://WWW.ENGINEERINGUNPLUGGED.COM/](http://www.engineeringunplugged.com/)

ELECTRONIC NEWSLETTER

Any member with material to submit for inclusion in the monthly newsletter may send the information to:

Jeff Consroe
11 Dalewood Ave.
Salem, VA 24153

E-mail: jeff@breeden-collier.com
Phone: 540.797.7899
Fax: 540.526.9460

This is your newsletter. We welcome your contributions and commentary.

Material can include letters to the editor, member news, upcoming events, comments on chapter programs or issues, etc.

ROANOKE CHAPTER ASHRAE

2008– 2009 OFFICERS AND GOVERNORS

		<u>Phone:</u>	<u>Email:</u>
President	Dan Lieber	540-857-3100	Daniel.Lieber@aecom.com
Pres. Elect	Jeff Consroe	540-797-7899	jeff@breeden-collier.com
Vice Pres.	Patrick Murdock	540-563-2828	pmurdock@trane.com
Secretary	Kyle Longbrake	540-857-3100	Kyle.Longbrake@aecom.com
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Governor	Patrick Castelvechi	540-857-3100	Patrick.Castelvechi@aecom.com
Governor	Jason Price	540-342-5498	jason.price@ies-co.com
Governor	James Sledd	540-857-3100	James.Sledd@aecom.com
Governor	Roger Jones	540-890-7114	rjones5632@aol.com

2008 – 2009 COMMITTEE CHAIRS

		<u>Phone:</u>	<u>Email:</u>
Shenandoah Section	Jeff Clinton	540-248-9207	jeffery.clinton@mcquay.com
Membership	Lee Hammarback	336-287-2868	lhammarback@sfc.com
Student Activities	Rick Hughes	540-342-6001	rhughes@spectrumpc.com
Technology Transfer	Patrick Murdock	540-563-2828	pmurdock@trane.com
Historian	Pat Cady	540-857-3100	Pat.Cady@aecom.com
Research Promotion	Patrick Castelvechi	540-857-3100	Patrick.Castelvechi@aecom.com
Newsletter	Jeff Consroe	540-797-7899	jeff@breeden-collier.com
Home page	James Sledd	540-344-5200	James.Sledd@aecom.com

ATTENTION MEMBERS:

INTERESTED IN SAVING MONEY?

STAR CARDS ARE AVAILABLE FOR PURCHASE. PAY NOW AND **SAVE** LATER!

\$50.00 STAR CARD – ADMISSION TO ANY THREE MEETINGS

\$100.00 STAR CARD – ADMISSION TO ANY SIX MEETINGS

WANT TO SAVE EVEN MORE MONEY?

IN SUPPORT OF THE SOCIETY GAME (GREENING ASHRAE MEETINGS AND EXPOSITIONS) PLAN, THE ROANOKE CHAPTER WILL OFFER DISCOUNTS ON MEMBERS WHO CARPOOL OR USE ALTERNATIVE TRANSPORTATION TO ATTEND MEETINGS.

\$2.00 DISCOUNT FOR DRIVING A CARPOOL.

\$1.00 DISCOUNT FOR ANY OF THE FOLLOWING:

- RIDING IN A CARPOOL
- WALKING
- BIKING
- RIDE PUBLIC TRANSPORTATION
- DRIVE HYBRID VEHICLES
- DRIVE ALTERNATIVE FUELED VEHICLES

BE SURE TO LET **JUSTIN BILLER** KNOW IF YOU QUALIFY FOR THE MEETING DISCOUNT WHEN YOU PAY FOR THE MEETING.