

ASHRAE BLUEPRINT

September 2011

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Stuart Oster

Newsletter
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Special Events
Isaac Anderson

Reception
Ryan Jervik

PAOE Watch Dog
Mark Grebner

PRESIDENT'S MESSAGE

Greg Hintgen

Chapter Meeting: September 7, 2011
Social 11:30, Lunch served 11:45 PM, Program 12:00-1:00 PM @ Westward Ho

RSVP no later than Thursday September 1st at
<http://www.surveymonkey.com/s/5CGN6FW>

Welcome to a new year of ASHRAE! Where did the summer go? I personally am going to try and extend it into October if possible!

We are making some changes this year. If you want a meal at the meeting, you need to respond to the survey link and enter your name. We need to turn in meal counts the week before our meeting, or we get charged full price regardless of the number attending. It's easy. Click the link and enter your name. No name, no meal. If you still want to attend the monthly meeting but don't want a meal, there is no need to respond.

Based on the recent survey that was taken by the membership, meal prices and programs were two issues that needed improvement. We are lowering meal prices and working on bringing in programs that provide even better value to our chapter members. We will also be serving hot lunches instead of the cold sandwich buffet.

Bob Everson and I attended the CRC in El Paso. It was a great event and I encourage anyone from our chapter to attend next year's CRC in Montana Aug 2-4. It would make a great family trip. Several chapters from our region had 10+ members at the CRC and it appeared to really make a positive impact on their chapter.

We are looking to fill two board of governor positions. Stuart Oster has been nominated and we will be voting on him at the next meeting. If you are interested in the other position, please contact me. If you are interested in helping out by being involved as part of one of the committees (Membership, Research Promotion, Students, etc.) we would welcome your contributions.

Young members are the future of this chapter, so please get involved! It's your chapter! Let's make it as great as it can be!

We are now on Facebook. Please look for the **South Dakota Chapter of ASHRAE** and "like" us.

Please note our September 7th meeting with lunch at 11:30 and the program beginning at 12:00 noon. **Meal costs: \$10 noon and \$12 evening.**

See you at the HO!
-Greg

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CRC UPDATE

Greg Hintgen

Attending the CRC was both entertaining and educational. The El Paso chapter put on one heck of a great show. Even though it was 110 degrees outside, El Paso is in the desert, so very dry and comfortable. We enjoyed an evening at the Viva El Paso theatre located up in the mountains at an outdoor event and we also had dinner at the Cattleman's Steakhouse at Indian Cliffs Ranch about 20 miles outside of El Paso.

There was also the famous Nebraska Chapter Hospitality Suite, which I'm told is legendary and lived up to its expectations!

Bob Everson and I represented the South Dakota chapter. I'm happy to report that we again received the Presidential Award of Excellence (Star Award with Special Citation) which maintained our chapter's Premier status. This is a huge award and recognition of our chapter's continued success. Premier Status is achieved by getting our PAOE points every year since the chapter inception or since 1970. I believe there is only one other chapter in our region that has this status. Congratulations to Mark Grebner for a great 2010-2011 year as president!

Other awards included a Sustainability Award to Mark Grebner as chapter president, Certificate of Achievement to Stuart Oster for exceeding goal in raising funds for research, and a Certificate of Appreciation to Kasey Abbott for his contribution as Regional Vice Chair of Student Activities. Well done gentlemen!

I encourage more of our chapter to attend next year's CRC in Montana.

CTTC

Ryan O'Connor

This month we are pleased to welcome Mike Meyer, one of our very own Chapter members to speak about indoor air quality (IAQ). Please see his biography information below.

Mike Meyer, MS, CMI, WRT, AMRT
Mold Testing Services, LLC
PH 605-951-4857
moldymike@moldtestingsd.com

Mike is the owner of Mold Testing Services, LLC (MTS). He has a Master of Science degree and more than 30 years experience in environmental concerns. He worked for 2 years for the Iowa Geological Survey as a field geologist and for 10 years with the SD Dept Environment of Natural Resources as a hydrogeologist (Hydrologist III). He then worked for a local consulting firm in Sioux Falls for 20 years. During that time he developed their indoor air quality (IAQ) and mold program. Mike has 14 years experience in IAQ and mold investigations. For the last two years, he has been doing IAQ and mold testing for MTS. He has worked on more than 1000 sites including

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houses, offices, apartments, hotels, schools, hospitals and businesses. He is a certified microbial investigator (CMI – ACAC) and has certifications in water damage restoration and mold remediation by the IICRC (WRT and AMRT). He has worked with many cleaning firms on before and after mold clean-ups at hundreds of sites. In 2009 he presented a paper at the 2009 Indoor Air international conference on normal and problem indoor airborne mold in more than 300 buildings.

Mike's talk will address a variety of indoor air quality and HVAC concerns including mold and moisture damage, odors and common HVAC problems.

The 2011-2012 South Dakota Chapter ASHRAE Line-up:

Sept 7	Noon	Mike Meyer – Mold Testing Services, LLC (MTS) <i>IAQ and Mold</i>
Oct 5	Evening (student night)	Bill England <i>Design Flow</i>
Nov 2	Evening (Joint meeting with the USGBC Chapter)	Dan Katzenberger
Dec 7	Noon	TRANE <i>AHU Design</i>
Jan 4	Evening	Johnson Controls/York <i>Central Heat Pumps</i>
Feb	Valentine	
Mar 7	Noon	Ross Montgomery – ASHRAE Distinguished Lecturer <i>LEED</i>
April 4	Evening (student night)	O'connor Group <i>Variable Refrigerant Volume System Design</i>
May	Fishing	
June	Golf	

Membership Keith Luke

If you know of anyone that may be interested in joining ASHRAE, be sure to tell them about ASHRAE and invite them to a meeting. Membership information can be found at www.ashrae.org/members/ or call Keith at 605-996-7548 with questions.

ASHRAE Learning Institute

2011 Fall Online Course Series

2 WAYS TO REGISTER

Internet: www.ashrae.org/onlinecourses

Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Note: You may register up to 24 hours prior to an online seminar. Courses are in US Eastern Standard Time.



Basics of High-Performance Building Design

Mon, September 19, 2011 – 1:00 pm to 4:00 pm EST

Advanced High-Performance Building Design

Wed, September 21, 2011 – 1:00 pm to 4:00 pm EST

Fundamental Requirements of ASHRAE Standard 62.1-2010

Mon, September 26, 2011 – 1:00 pm to 4:00 pm EST

Complying with Standard 90.1-2010: HVAC/Mechanical

Thurs, September 29, 2011 – 1:00 pm to 4:00 pm EST

Complying with Standard 90.1-2010: Envelope/Lighting

Mon, October 3, 2011 – 1:00 pm to 4:00 pm EST

Healthcare Facilities: Best Practice Design

Mon, October 31, 2011 – 1:00 pm to 4:00 pm EST

Healthcare Facilities: Best Practice Application

Wed, November 2, 2011 – 1:00 pm to 4:00 pm EST

Evaluating the Performance of LEED-Certified Buildings

Mon, November 7, 2011 – 1:00 pm to 4:00 pm EST

Project Management for Improved IAQ ^{NEW}

Wed, November 9, 2011 – 1:00 pm to 4:00 pm EST

The following courses are comprised of two parts. Registrants must attend both parts in order to receive CEU/PDH credits. Archiving is available.

Data Center Energy Efficiency – Part 1

Mon, October 10, 2011 – 1:00 pm to 4:00 pm EST

Data Center Energy Efficiency – Part 2

Wed, October 12, 2011 – 1:00 pm to 4:00 pm EST

Using Standard 90.1 to Meet LEED Requirements – Part 1

Mon, October 17, 2011 – 1:00 pm to 4:00 pm EST

Using Standard 90.1 to Meet LEED Requirements – Part 2

Wed, October 19, 2011 – 1:00 pm to 4:00 pm EST

Implementing Standard 189.1 for High-Performance Green Buildings – Part 1

Mon, October 24, 2011 – 1:00 pm to 4:00 pm EST

Implementing Standard 189.1 for High-Performance Green Buildings – Part 2

Wed, October 26, 2011 – 1:00 pm to 4:00 pm EST



ASHRAE HVAC Design Essential Workshop

January 11-13, 2012 • ASHRAE Foundation Learning Center • Atlanta, GA

Obtain the skills needed to:

- Improve overall building performance
- Design high-performance HVAC systems
- Effectively collaborate on an integrated design team

ASHRAE has created the HVAC Design Essentials to provide intensive, practical education for designers and others involved in delivery of HVAC services. Developed by industry-leading professionals, this workshop provides participants with training design to accelerate their evolution into effective member on a design, construction or facilities maintenance team.

In addition to gaining in-depth knowledge and understanding, attendees will receive real-world examples of HVAC systems based on the newly renovated ASHRAE Headquarters building. The workshop teaches a systematic approach to guide a design team to a solution that optimally meets the client's expectations.

Who Should Attend

- Engineers new to the HVAC industry
- Facilities managers involved in new construction or major renovation projects
- Technicians who would like to gain design knowledge
- Architects who want to understand HVAC design
- Construction project managers involved with mechanical systems



Visit www.ashrae.org/hvacdesign to register

ASHRAE Certification Programs

- Building Energy Assessment Professional (BEAP)
- Building Energy Modeling Professional (BEMP)
- Commissioning Process Management Professional (CPMP)
- Healthcare Facility Design Professional (HFDP)
- High-Performance Building Design Professional (HBDP)
- Operations & Performance Management Professional (OPMP)

For more info, visit www.ashrae.org/certification