

ASHRAE BLUEPRINT

November 2011

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PRESIDENT'S MESSAGE

Greg Hintgen

Chapter Meeting: November 2, 2011 @ Westward Ho
Social 5-5:30 PM, Dinner 5:30 PM, Program 6-7:00 PM, 2nd Social 7:00-???

RSVP at the link below no later than Thursday October 27th.

<http://www.surveymonkey.com/s/BG98756>

This month we are having a joint meeting with the USGBC South Dakota Chapter (U.S. Green Building Council). We are having both afternoon and evening programs. Please see the CTTC message for details. This is a great opportunity for some continuing education credits as well as LEED CMP hours. Please use the link to sign up for both the education session and regular chapter meeting.

It's also membership night, so please bring someone new to ASHRAE and introduce them to our members.

We are still working on a 50th anniversary event, so please let us know if you have any ideas.

We are still looking to fill one position on the board of governors. Please contact me if you are interested.

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

See you at the HO!
-Greg

Meal Cost: \$10 Noon, \$12 Evening

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CTTC
Ryan O'Connor

Please see the information about the afternoon and evening sessions presented by Dan Katzenberger on page 4.

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)	Joe Catrambone <i>Central Heat Pumps</i>
Nov 2	Afternoon & Evening (Joint meeting with the USGBC Chapter)	Dan Katzenberger
Dec 7	Noon	TRANE <i>Humidifier Applications</i>
Jan 4	Evening	ASHRAE Distinguished Lecturer
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.

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History Kurt Bassett

In 1965, the chapter began holding a joint annual meeting with the South Dakota State University student branch of the American Society of Mechanical Engineers (ASME). This practice continued for several years. Chapter members from Sioux Falls took a bus to the December 1965 meeting. The cost of round trip transportation and dinner at the Brookings Supper Club was \$5.50 per person.

The first scholarships established by the chapter were for the support of students in the technology program at USD-Springfield. The first two \$200 scholarships were awarded to USD-Springfield students during the 1973-74 chapter year. Chapter members sponsored individual students as meeting guests.

Explorer Scout Post 35 was chartered in August of 1973 under the sponsorship of the South Dakota ASHRAE Chapter. The post operated for three years, ceasing operation in 1976. Insufficient student interest and lack of school support were cited as the cause of the post's demise. More than two decades later, chapter member Kasey Abbott was instrumental in re-establishing an Explorer Scout post.

In 1985, the first ASHRAE student branch under the South Dakota chapter's sponsorship was chartered at South Dakota State University. By the end of the decade, a second sponsored student branch had been established at Dordt College. Subsequently, student branches were chartered at Mitchell Technical Institute and Southeast Technical Institute.

Today, the South Dakota chapter continues its strong support of students in many ways, including branch technical programs generously provided by volunteer members, a number of annual \$500 scholarships, and chapter "student night" activities.

(Reprinted from the April 2010 ASHRAE Blueprint)



The local ASHRAE Chapter and South Dakota Chapter of USGBC are happy to announce their upcoming joint meeting! Please join ASHRAE and the SD Chapter of USGBC on November, 2 2011 for two exciting events. Both events will count towards general LEED CMP and professional credential maintenance credits. Please see event descriptions listed below:

Afternoon Session Title: Energy Modeling, ASHRAE BEMP Certification, and LEED Reviews from an Insider's Perspective

Who: Dan Katzenberger, P.E., CEM, LEED-AP BD+C
LEED Certification Reviewer
Green Building Certification Institute

Where: Westward Ho Country Club, 3400 West 22nd Street, Sioux Falls, SD 57105

When: November 2, 2011 beginning at 1:30 PM to 4:30 PM.

Cost: \$25 for individuals interested in attending session w/o receiving credit.

\$50 for individuals interested in receiving general LEED CMP or professional credential maintenance credits

Evening ASHRAE/SD USGBC Speaker Topic: Integrated Design and LEED: Providing Greater Value through Early Collaboration.

Who: Dan Katzenberger, P.E., CEM, LEED-AP BD+C
LEED Certification Reviewer
Green Building Certification Institute

Where: Westward Ho Country Club, 3400 West 22nd Street, Sioux Falls, SD 57105

When: November 2, 2011 Social at 5:00 PM, Dinner 5:30 PM, Speaker 6-7:00 PM.

Cost: There is no cost associated with the evening meeting, however, the ASHRAE Chapter does offer a meal to those interested at the cost of \$12 per plate.

For those interested in attending any of these events please RSVP at the link listed below no later than October 27, 2011 at the following link: <http://www.surveymonkey.com/s/BG98756>

Learn more about the speaker at: <http://speakers.usgbc.org/speaker/53/profileb>

ASHRAE Learning Institute

2 WAYS TO REGISTER

Internet: www.ashrae.org/lasvegascourses

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



Full Day Professional Development Seminar

\$485/\$395 ASHRAE Member -- Earn 6 PDHs/AIA LUs or .6 CEUs

The Commissioning Process in New & Existing Buildings

Saturday, Jan 21 – 8:00 a.m. to 3:00 p.m.

Data Center Energy Efficiency

Saturday, Jan 21 – 8:00 a.m. to 3:00 p.m.

Integrated Building Design

Saturday, Jan 21 – 8:00 a.m. to 3:00 p.m.

Using Standard 90.1 to Meet LEED Requirements

Tuesday, Jan 24 – 9:00 a.m. to 4:00 p.m.

Energy Modeling Best Practices and Applications: HVAC/Thermal

Tuesday, Jan 24 – 9:00 a.m. to 4:00 p.m.

Half Day Short Courses

\$159/\$119 ASHRAE Member -- Earn 3 PDHs/AIA LUs or .3 CEUs

Understanding Air-to-Air Energy Recovery Technologies & Applications

Sunday, Jan 22 – 2:00 p.m. to 5:00 p.m.

Understanding & Designing Dedicated Outdoor Air Systems (DOAS)

Sunday, Jan 22 – 2:00 p.m. to 5:00 p.m.

Application of Standard 62.1-2010: Multiple Spaces Equations & Spreadsheet Calculation

Sunday, Jan 22 – 2:00 p.m. to 5:00 p.m.

Basics of High-Performance Building Design

Monday, Jan 23 – 8:30 a.m. to 11:30 a.m.

Complying with Standard 90.1-2010: Envelope/Lighting

Monday, Jan 23 – 8:30 a.m. to 11:30 a.m.

Energy Management in New & Existing Buildings

Monday, Jan 23 – 8:30 a.m. to 11:30 a.m.

Advanced High Performance Building Design

Monday, Jan 23 – 2:30 p.m. to 5:30 p.m.

The Commissioning Process & Guideline 0

Comply with Standard 90.1-2010: HVAC/Mechanical

Monday, Jan 23 – 2:30 p.m. to 5:30 p.m.

Evaluating the Performance of LEED-Certified Buildings

Monday, Jan 23 – 2:30 p.m. to 5:30 p.m.

Combined Heat & Power

Tuesday, Jan 24 – 9:00 a.m. to 12:00 p.m.

Healthcare Facilities: Best Practice Design

Tuesday, Jan 24 – 9:00 a.m. to 12:00 p.m.

Project Management for Improved IAQ

Tuesday, Jan 24 – 9:00 a.m. to 12:00 p.m.

Healthcare Facilities: Best Practice Applications

Tuesday, Jan 24 – 1:00 p.m. to 4:00 p.m.

Design Toward Net Zero Energy Commercial Buildings

Tuesday, Jan 24 – 1:00 p.m. to 4:00 p.m.



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.

Visit www.ashrae.org/hvacdesign to register