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<i>Webmaster</i> Michael Heinrich
<i>Newsletter Editor</i> Sean O'Connor

Open House, Tour, and Social:

“Black Hills Business Development Center”

Presented by: Terri Haverly

Thursday, December 3rd, 2015

SDSM&T, Black Hills Business Development Center

4:00 PM (See flyer on next page)

The Black Hills Business Development Center, owned by the Rapid City Economic Development Foundation, was built in 2006 and is located on the South Dakota School of Mines & Technology campus. The Center is dedicated to incubating startup or new to the area technology businesses with growth potential as well as student skill development by offering quality, affordable space. Since inception, there has been entrance admission to 21 companies, resulting in over 330 jobs during their tenancy.

The goal of the Black Hills Business Development Center is to provide new and existing small businesses with management assistance, cost effective space, and a nurturing, professional environment, thereby encouraging the development of local businesses which can:

- Contribute to the general economic health of the region
- Provide new and increased job opportunities
- Add to the variety of products and services available to the area.

The 40,000 square foot facility offers a diverse range of facilities from single offices to light manufacturing areas. Tenants work together and build skills to overcome obstacles while facing similar challenges.

The Black Hills Business Development Center is home to several sources of economic development and entrepreneurial support including:

- Rapid City Economic Development Partnership
- Rapid City Economic Development Foundation
- Rapid City Economic Development Loan Fund
- Governor’s Office of Economic Development

The Black Hills Business Development Center provides assistance with the following items: Local business expansions, new company relocation, retail sales information, community profiles, demographic resources, and local area statistics.

Link to Office location: <http://www.rapiddevelopment.com/about-us/contact-us/office-location/>

President’s Message

I would like to start by apologizing for a mistake within last month’s newsletter. The December program will be December 3rd as indicated above and not December 17th as indicated in the president’s message of last month’s newsletter. I am sorry for any inconvenience this might have caused and I hope everyone can take time out of their busy schedule and join us.

Secondly, we had a great program the morning of November 19th regarding Commercial High Purity Water Systems. I want to thank all who attended this meeting and participated in the marketing photos; your attendance and support was and is greatly appreciated.

Finally, I am pleased to announce that we have secured a distinguished lecturer for the 2016 Electro-Technology Expo on January 21, 2016. We are privileged to have distinguished lecturer Dr. Drury B. Crawley discuss “Standard 189.1: Structure, Requirements, and Energy Savings” and other related topics. I am look forward to seeing everyone there!

David Dowling, President, Black Hills Chapter of ASHRAE

CHAPTER MAY NOT ACT FOR THE SOCIETY

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

**BLACK HILLS BUSINESS DEVELOPMENT CENTER
OPEN HOUSE
DECEMBER 3, 2015
4:00 P.M. TO 5:30 P.M.**



Please join the tenants for an informal open house as they open their doors for tours and networking. The Center has grown dramatically since opening in 2006 and now has 21 businesses in various stages of growth and student career development.

525 University Loop | Rapid City | on the SD School of Mines & Technology Campus

For more information or an individualized tour please contact
Terri Haverly, Executive Director
thaverly@rapiddevelopment.com or 605 716-0003.

Chapter Programs Schedule

Below is a listing of this year's programs. Please call or e-mail suggestions for programs as indicated below:

September 17, 2015	Light Weight Construction and the Modern Fire Environment	Tim Behlings
October 22, 2015	Pertinent Building Codes for the Mechanical/Electrical Engineer	Jeff Larus
November 19, 2015	Commercial High Quality Water systems	Brian Soderholm
December 3, 2015	BH Buisness Development Center Tour/Happy Hour	TBD
January 21, 2016	Electro Technology Expo	Distinguished Lecturer
February 18, 2016	Grubby Games Social Event	TBD
March 17, 2016	Intelligent Equipment	Dan Sullivan
April 21, 2016	ASHRAE Webcast: Making Net Zero Net Positive	Multiple
May 19, 2016	DL Program	Distinguished Lecturer

Send program suggestions to:

Mike Austin (P) 605-348-2033 (F) 605-348-1543 programs@blackhillsashrae.org

Membership

If anyone knows of someone who might be interested in becoming a member of ASHRAE, contact Mike Malone at:
membershippromotion@blackhillsashrae.org

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ASHRAE Learning Institute

Seminars & Courses at ASHRAE's Winter Conference in Orlando, FL

2 WAYS TO REGISTER

Internet: www.ashrae.org/orlandocourses

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

Full-Day Professional Development Seminars

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

Commercial Building Energy Audits

Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.

Energy Modeling Best Practices and Applications

Tuesday, January 26, 2016 – 9:00 a.m. to 4:00 p.m.

Commissioning Process in New & Existing Buildings

Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.

Operations & Maintenance of High-Performance Buildings

Tuesday, January 26, 2016 – 9:00 a.m. to 4:00 p.m.

Designing HVAC Systems to Control Noise & Vibrations

Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.

Half-Day Short Courses

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

Laboratory Design: The Basics and Beyond

Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.

Advoiding IAQ Problems

Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.

Troubleshooting Humidity Control Problems

Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.

Commissioning Process & ASHRAE Standard 202

Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.

Understanding & Designing Dedicated Outdoor Air Systems

Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.

Complying with Standard 90.1-2013: HVAC/Mechanical

Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.

Variable Refrigerant Flow System Design & Applications **NEW!**

Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.

ASHRAE Standard 188-2015 – Successfully Managing the Risk of Legionellosis **NEW!**

Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.

Air-to-Air Energy Recovery Applications: Best Practices

Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.

Exceeding Standard 90.1-2013 to Meet LEED Requirements

Monday, January 26, 2016 – 9:00 a.m. to 12:00 p.m.

Applications of Standard 62.1-2013

Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.

IT Equipment Design Evolution & Data Center Operation Optimization

Monday, January 26, 2016 – 9:00 a.m. to 12:00 p.m.

Building Demand Response & the Coming Smart Grid

Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.

Designing High-Performance Healthcare HVAC

Monday, January 26, 2016 – 1:00 p.m. to 4:00 p.m.

Energy Management Best Practices

Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.

ASHRAE HVAC Design Training

2 Courses, 5 Days of Intense Instruction

Atlanta • Halifax • Hong Kong • Houston • Kuala Lumpur

Miami • Minneapolis • San Francisco • Vancouver

HVAC Design: Level I – Essentials - Registration is \$1,264 (\$1,009 ASHRAE Member)

Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II – Applications - Registration is \$854 (\$699 ASHRAE Member)

HVAC Design: Level II — Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit www.ashrae.org/hvactraining to register.