

ASHRAE BLUEPRINT

January 2016

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PRESIDENT'S MESSAGE

Ryan O'Connor

**Chapter Meeting: Wednesday January 6th @
Westward Ho (The Country Club of Sioux Falls)
Social 11:45, Lunch 12:00, Program 12:15-1:00**

**RSVP at our Chapter homepage (www.sdashrae.org) no later than Noon on
Monday, Jan. 4th. <http://sdashrae.org/meetinginfo.php>.**

Merry Christmas, Happy New Year

The New Year is right around the corner, time to set new goals and resolutions. We are half-way through the ASHRAE seasons and we have accomplished most of our goals. We continue working through those goals at this next meeting as we have our second Distinguished Lecturer for the year.

The world has been moving toward a greener future and this next year will prove to be more of the same. We can all have our opinions about the historic accord in Paris, but what we can't deny is the dominant opinion of the powers that be. Regardless of the motive, energy drives our industry. Our January speaker will offer us some new ideas on how to make our new year bright, in an energy conscious manner.

I wish you all well with your resolutions. See you at The Club.

Ryan O'Connor

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Guest Speaker: Sheila Hayter –US Department of Energy (DOE)

Sheila Hayter is the Strategy and Implementation Group Manager within the Integrated Applications Center (IAC) of the U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) in Golden, Colorado. In this capacity, she leads a team of technical and policy experts who support federal, state, and local entities on energy efficiency (EE) and renewable energy (RE) topics with the goal to make significant reductions in non-renewable energy consumption through energy efficiency and increased use of RE technologies.

Sheila served on the ASHRAE Board of Directors as a vice president (2009 – 2011) and also as a Director at Large (2005 – 2008). She chaired the BOD Planning Committee (2012 – 2014) while the new ASHRAE strategic plan was developed. Sheila currently chairs the committee developing a new guideline for energy efficiency retrofits to historic buildings and the presidential ad hoc committees to investigate strategies for improving the ASHRAE volunteer experience. She has chaired and served on many other Society-level committees and technical committees.

Sheila was named an ASHRAE Fellow in 2008 and received the Exceptional Service Award in 2011, the ASHRAE Distinguished Service Award in 2001, and an ASHRAE Technology Award in 1999.

Presentation Title: **Integrating Renewable Energy Systems into Buildings**

This presentation introduces technical opportunities, means, and methods for incorporating renewable energy (RE) technologies into building designs and operations. Sheila will give an overview of RE resources and available technologies used successfully in the USA to offset building electrical and thermal energy loads.

Methods for applying these technologies in buildings and the role of building energy efficiency in successful RE projects will be addressed. Sheila will discuss issues related to connecting RE systems to existing electrical grids and offer tips for implementing successful RE projects. Finally, Sheila will summarize ASHRAE activities related to and/or in support of RE applications in buildings.

ASHRAE BLUEPRINT

The 2015-2016 South Dakota Chapter ASHRAE Line-up:

| | | |
|--------------|-------------------|---|
| Sept 9 | Noon | Pat Carus, M.S. – Data Aire <i>“Precision Cooling Basics for Today’s Data Management Needs”</i> |
| Oct 7 | Noon | Kristi Honeywell, South Dakota State Engineer <i>“State Government’s Energy Reduction Efforts”</i> |
| Oct 30 | ASHRAE Shootout | Hunter’s Pointe, Humboldt, SD. Sporting Clays. |
| Nov 4 | Afternoon Seminar | Dan In-Hout, Chief Engineer, Krueger <i>“All About Air Distribution”</i> |
| Nov 4 | Evening | Dan In-Hout, Chief Engineer, Krueger <i>“You Can’t Afford Discomfort”</i> ASHRAE Distinguished Lecturer Student and Past Presidents Night |
| Dec 9 | Noon | Steve Larsen, Growth Coach & Go Forward <i>“Making Connections”</i> |
| Jan 6 | Noon | Sheila J. Hayter, PE, FASHARE, LEED AP ASHRAE Distinguished Lecturer <i>“Integrating Renewable Energy into Building Systems”</i> |
| Feb 12 or 13 | Valentines Event | Olde Towne Dinner Theatre |
| Mar 9 | Noon | To Be Determined... |
| April 6 | Evening | To Be Determined... Student Night and Past Presidents Night |
| May 29 | | <i>Golf – Brandon Golf Course</i> |

Membership **Nathan Larson**

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 Nathan at 605-996-7548 with questions.

2016 ASHRAE Winter Conference

Jan. 23–27 | Orlando Hilton | Orlando, Fla.

*New Technical Program Tracks, Networking,
World's Largest HVAC&R Marketplace*

Special first time attendee registration fee available! Low, early-bird registration rates end Nov. 2. Register early! Registration to the ASHRAE Winter Conference includes free access to the AHR Expo!



2016 AHR Expo

Jan. 25–27 | Orange Co.
Conv. Center | Orlando, Fla.



Venues are strategically located next to each other for easy access.