

ASHRAE BLUEPRINT

March 2017

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Kasey Abbott

Refrigeration Committee
Jeremy Eitrem

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PRESIDENT'S MESSAGE John Schwartz

Chapter Meeting: **Wednesday March 8th @**
 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 Friday, March 3rd. <http://sdashrae.org/meetinginfo.php>.

Chapter Members and Guests,

The annual Valentine's Day ASHRAE Dinner was another hit. An entertaining play written by playwright Neil Simon. Thank you all that attended to make it a fun evening!

Kasey Abbott, our Grassroots Chair & Lobbyist, has been spending some time in Pierre this last month in the pursuit of getting the 2009 International Energy Conservation Code adopted through the State. It did not pass the Senate floor this time. Please read Kasey's article to get the full story.

Farther down in the newsletter this month you will find information on the ASHRAE Leadership Academy. If someone coming up the ranks or anyone that is thinking of being more involved with the Chapter would like to gain a better understanding of ASHRAE and share what might come out of the training, please take a look at the material and let one of the BOG members know of your interest.

Also, don't forget you may utilize our Chapter webpage (<http://sdashrae.org/>) to save future meetings to your calendar. Go to the Events tab, then you can select any of the future meetings which will take you to the link with that meeting's information and an icon to Add to Calendar.

Please mark your calendars for our March 8th Lunch Meeting at The Country Club!

-John

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SPECIAL EVENTS

Kevin Eggert

Mark your calendar for the 105th (a lot at least) annual ASHRAE golf outing to be held at the Brandon Golf course on May 26th. An invite will be sent out in the first part of April. Hope to see you all there.



CTTC

Justin Almond

Guest Speaker: Jeffrey D. Schmitt, Chief Planning and Zoning Official City of Sioux Falls, South Dakota

Mr. Schmitt is responsible for administering planning and development programs and zoning policies for the orderly, efficient, and safe development of the city of Sioux Falls. His main emphasis is on coordinating future- and current planning issues, including transportation, land use, and neighborhood conservation with private development activity.

Mr. Schmitt organized the update of FEMA's Flood Insurance Rate Maps, facilitated the amendment to the Sioux Falls Comprehensive Plan, developed the Long Range Transportation Plan for the year 2025, and completed the Eastside Corridor Environmental Assessment.

Prior to his current position, Mr. Schmitt was involved in planning management for the City of Aurora, Colorado, and helped to facilitate the redevelopment of Stapleton Airport, Lowry Air Force Base, and Fitzsimons Army Medical Hospital.

Presentation Title: "Future of Sioux Falls Development".

YEA (Young Engineers in ASHRAE)

Blake Lynch



Our next YEA meeting will be Thursday, March 23rd, @ 5:30PM at Golf Addiction. I have 3 simulators reserved as of right now based on how many people responded to my emails. We'll plan on starting at 5:30 PM sharp, since the simulators are based off of hours and not holes completed. We look forward to seeing as many YEA members as possible and we also welcome any others that would have interest in the event to come check it out as well!

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Grassroots Government Advocacy Kasey Abbott

From the ASHRAE website: *“This is a key period for ASHRAE, engaging with elected and appointed officials at all levels of government on a global basis. It is vital that a network of active engineer-advocates exists worldwide to impress upon decision-makers how their choices will impact society – and HVAC&R professionals specifically – and create a sustainable built environment.”*

It was in this spirit that the SD Chapter of ASHRAE put forth HB 1116. HB 1116 would have amended SD 11-10-6, which was enacted in 2009, and references a designer of a commercial building to utilize the International Building Code (IBC) as a minimum design standard in areas of the state where no building code exists. This law also per the 2010 South Dakota Energy Codes Workgroup Report did the following: “Despite the common perception that South Dakota lacks a statewide mandatory energy code for commercial buildings, it appears that ASHRAE 90.1 or IECC compliance is already mandatory for commercial buildings by reference to the International Building Code (IBC) in state law.” This was not a significant issue when the law was created in 2009, but when SD amended the law and adopted IBC 2015, it unintentionally adopted the more stringent IECC 2015. A review of states that have adopted the IBC, show that virtually all of them call out with version of the IECC should be followed. HB 1116 did this by specifically calling out IECC 2009, rolling back the requirements to the original 2009 level. This is the same approach that NE¹ and ND² followed.

We were rookies at the “legislation business” and soon found out that it takes much more work to educate legislators on why they should support a bill, than it does to stop a bill. To stop a bill all you need to do is create confusion about it. When legislators are unsure, they are going to vote no. Since there are 5 “hurdles” that a bill needs to clear in order to pass, the opposition only needs to be successful once. We learned this the hard way when after our bill breezed through the House committee and House floor vote, we got a false sense of security. We went into a Senate committee hearing unprepared for some vigorous opposition from a couple of committee members. I think we would have won had our Chapter paid the \$10K for a real lobbyist! There is a reason lobbyist are paid that kind of money, it is a very tough job. Despite this loss, we learned a lot, and will be back in Pierre in 2018. The good news is that several of the lawmakers that voted against us, once they better understood the reasoning behind our bill, now support us. We already have sponsors lined up to bring back the bill in 2018. However, what we need from you is your advocacy. We all need to explain to legislators, and other impacted organizations, that having an unclear law like SD 11-10-6 is not good for our industry, or for South Dakota. With IECC 2018 coming out, it is also the appropriate time to discuss what level of energy code is appropriate for South Dakota. Do we join North Dakota and Nebraska and use IECC 2009? Or do we advocate for IECC 2012 that Montana, Minnesota and Iowa follow? Also, please contact me if you would like to join the Government Affairs Committee as “It is vital that a network of active engineer-advocates exists worldwide to impress upon decision-makers how their choices will impact society – and HVAC&R professionals specifically – and create a sustainable built environment.”

¹ Nebraska Statute 71-6403. State building code; adopted; amendments. (1) There is hereby created the state building code. The Legislature hereby adopts by reference: (a) The International Building Code (IBC), chapter 13 of the 2009 edition, and all but such chapter of the 2012 edition, published by the International Code Council.

² ND in adopting 2012 IBC, page 13 notes: “In chapter 13 of the IBC you must meet the 2009 IECC requirements.”

<http://www.communityservices.nd.gov/uploads/28/2014northdakotastatebuildingcodebookfinal10.13.pdf>

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The 2016-2017 South Dakota Chapter ASHRAE Line-up:

Sept 7	Noon	Jason Camarato, Greenheck <i>"Good Kitchen Design Principles"</i>
Oct 5	Noon	Alan Niles, WaterFurnace International (Distinguished Lecturer) <i>"Net-Energy Water Loops: a clear path to Net Zero Energy Buildings"</i>
Oct 21	ASHRAE Shootout	Hunter's Pointe, Humboldt. Sporting Clays and Lunch.
Nov 9	Afternoon Seminar	Douglas T. Reindl, PH.D., P.E., Univ. of Wisc.- Madison <i>"ASHRAE Standard 15"</i> (Distinguished Lecturer)
Nov 9	Evening	Douglas T. Reindl, PH.D., P.E., Univ. of Wisc.- Madison <i>"Refrigeration – A Review & Update"</i> (Distinguished Lecturer) Student Night
Dec 7	Noon	Ken Still, Critical Fuel Systems <i>"Mission Critical Fuel Oil Systems"</i>
Jan 11	Noon	Gordon Sharp, PE, Aircuity <i>"New Approaches to Slash Commercial Building Energy Use and Improve IEQ"</i> (Distinguished Lecturer)
Jan 11	Afternoon Seminar	Gordon Sharp, PE, Aircuity <i>"A Holistic Overview of Technologies and Strategies To Achieve Deep Energy Reductions in Labs."</i> (Distinguished Lecturer)
Feb 17	Valentines Event	Olde Towne Dinner Theatre
Mar 8	Noon	Jeff Schmitt, City Planning & Zoning Official "Future of Sioux Falls Development"
April 5	Afternoon Seminar	Bruce Hunn, Ph.D <i>"Best Practice for Evaluating and Improving the Performance of Commercial Buildings."</i> (Distinguished Lecturer)
April 5	Evening	Bruce Hunn, Ph.D <i>"Best Practice for Evaluating and Improving the Performance of Commercial Buildings."</i> (Distinguished Lecturer) Student Night and Past Presidents Night
April 21	12:00-3:00pm	ASHRAE Sponsored Webcast <i>"Integrating Control Technology & Analytics for Optimal Building Performance"</i>
May 26		<i>Golf – Brandon Golf Course</i>



Shaping Tomorrow's
Built Environment Today

Give your chapter's future leaders the tools they need to succeed with the new [ASHRAE Leadership Academy](#), Saturday, April 8, 2017 at ASHRAE Headquarters in Atlanta, GA.

Over the course of one day, attendees will gain a better understanding of ASHRAE Society and obtain useful and practical knowledge essentials for honing leadership skills. The program will also include sharing tips and best practices that attendees can confidently take back to their chapters for implementation.

Topics covered include:

- Creating your elevator speech
- Navigating the ASHRAE organizational structure
- Understanding all the tools and resources available to help chapters and their members succeed
- Managing Board and chapter meetings without a hitch
- Delegating to and motivating volunteers

[View the Agenda.](#)

There is no charge for this program, however registration is required and space is limited.

[Register Now](#)

[Share this message with your
chapter's future leaders](#)

The Leadership Academy is included in the 2016-17 PAOE program: A Chapter will earn 100 points for each participant, up to a maximum of 300

points/3 attendees.

What's included in the Registration?

- Society will reimburse up to two nights (Friday, April 7 and, if an attendee is not able to get a flight out after the event ends, Saturday, April 8) at the [Marriott Courtyard Atlanta Executive Park](#). Reimbursement will require completion of the [Transportation Voucher](#) with the hotel bill attached; Society must receive this documentation within 90 days in order to process the reimbursement.
- Welcome Reception (heavy hors d'oeuvres, adult beverages) Friday night at the hotel (for flexibility to accommodate attendees' arrival times)
- Lunch Saturday
- Dinner Saturday for attendees who need to stay another night because of travel arrangements

Get To Know ASHRAE



To avoid having ASHRAE messages blocked by spam-blocking software, add meetings@ashrae.org to your address book.

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