

THE HOT AIR DIFFUSER

Chapter Newsletter

FEBRUARY 2017



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FEBRUARY CHAPTER MEETING

FEBRUARY:

The February meeting is titled is “Indoor Environmental Quality: Beyond ASHRAE 62.1”. The presentation examines both current practice and guidelines established by ASHRAE, and provides an introduction to the benefits of improved IEQ, including energy savings and the health and productivity of the building occupants.

The speaker is Elizabeth Cooper, Director– Integrated Design Lab. Elizabeth is interested in the integration of design, construction and sustainability with human health. Her work includes the assessment of aggregate exposures to indoor chemical pollutants, environmental control systems for buildings, indoor environmental quality and high performance energy efficient buildings. She is an associate professor at the University of Idaho’s College of Art & Architecture and the Director of the Integrated Design Lab.

Elizabeth obtained her Baccalaureate in Biological Sciences from Mount Holyoke College, a Master of Architecture from the University of Oregon, and a Master of Science in Environmental Health, from the University of Washington.

Please Register online at:

www.idahoashrae.com

Where:

Idaho Power Building
1221 W. Idaho St.

When:

Wednesday, February 8, 2017

11:45 am to 1:00 pm MST

JANUARY:

The January meeting was titled “Performance based Energy Code Compliance”. The presentation focused on performance based energy code compliance as an alternative to prescriptive energy code compliance. The speaker was Tim Johnson, PE, BEMP with CTA Group.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

INSIDE THIS ISSUE:

PAST PROGRAMS	1
PRESIDENT’S LETTER	2
HISTORY LESSON	3
STUDENTS	4
BOWLING FLYER	5
ADVERTISEMENTS	6 - 9

PRESIDENT'S MESSAGE

An Estimator's Advice for Design Engineers; View from a Mechanical Contractor

Design engineers have a tough job. Mechanical building systems are growing evermore intricate. Technological advancements are consistently pushing mechanical equipment to increase in efficiency, functionality and complexity. This article series is meant to humbly offer suggestions to design engineers with an understanding that we all must work together for high quality buildings. Last month's President's message contained advice from an equipment estimator. This month message features seven design suggestions from an experienced local contractor.

- 1) Don't specify hinged access panels, hail guards, extra filters and other accessories not wanted by the owners. When jobs are on a tight budget unwanted and unneeded accessories are a budget buster.
- 2) Standalone zone dampers don't work!
- 3) Design review meetings are a must. Too many times equipment doesn't fit because nobody has taken the time to review with other trades, building elevations, and assemblies
- 4) Contractors like details. If you want something installed a certain way, show us. We are pretty good at following directions.
- 5) If you ask us for help solving a problem we are more than willing to help fix it. If you treat us like dummies we will sit back and act like dummies, letting you solve the problem without our help.
- 6) We want to have a great relationship with all the engineering firms. You treat us like team members we will add another dimension to the design team to make for successful projects.
- 7) Even though it is discouraged by general contractors, a phone call can go a long way to clarify issues and save on unneeded paperwork.



HISTORY LESSON

February

Five Years Ago

The chapter president was Cory Law. The meeting was held on Wednesday, February 8, 2012, at the Idaho Power Building. The meeting was a presentation by Jon Axtman, Idaho Power Company, on variable frequency drives and harmonics.

Ten Years Ago

The chapter president was Arden Davis. The meeting was held on Friday, February 9, 2007, at the Idaho Power Building. Tad Duby, One Point, LLC, gave an overview of the LEED-H pilot program and some of the requirements to get certified.

Fifteen Years Ago

The chapter president was Greg Hobbs. The meeting was held on Friday, February 8, 2002, at the Doubletree Riverside. Dave Curtis, Executive Director of the Idaho Board of Professional Engineers and Professional Land Surveyors, discussed the current activities of the Board including recent changes to the statutes and examination formats.

Twenty Years Ago

The chapter president was Chuck Keene. The meeting was held on Friday, February 14, 1997, at the Red Lion Riverside. Ken Baker, Conservation Bureau Chief of Idaho Department of Water Resources, discussed the status of the Idaho Energy Code – where it's heading and how it will affect our industry.

Twenty Five Years Ago

The chapter president was Ken Tewksbury. The meeting was held on Friday, February 14, 1992 at the King's Table Restaurant. Peter Sterns, manager of the snow making equipment at Sun Valley, presented how snow is made at the area ski resorts.

Thirty Years Ago

The chapter president was Adrian Fannin. The meeting was held on Friday, February 13, 1987, at the Kings Table Restaurant. Jim Goodell, an insurance company executive, shared his views on the attitude "Whatever loss or injury I suffer must be someone else's fault, and he should be made to pay".



STUDENTS

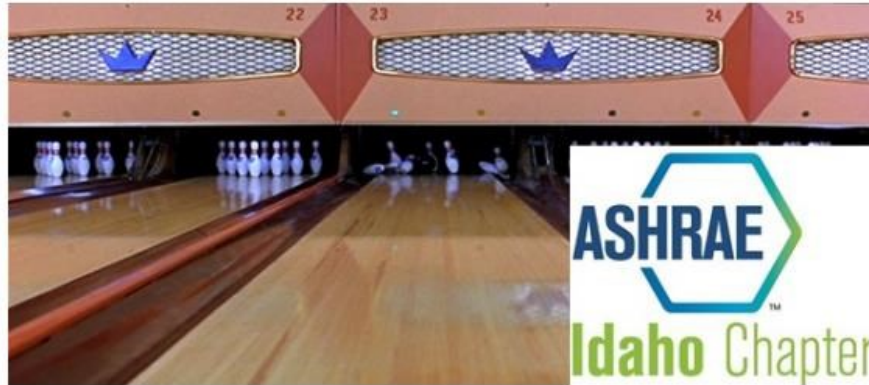
Student Design Challenge

The team of BSU students continues to work on ASHRAE's student design challenge as their senior project. Our Chapter Student Activities Chairman attended a presentation by the students in December on their status. It looks like they have good ideas for potential HVAC systems and are making progress towards getting their load calculations and energy simulations completed.

Scholarships

The Idaho Chapter is looking to once again give away two \$500 scholarships in the spring of 2017. Please forward any potential applicants to chapter officers. In years past, we haven't had large numbers of applicants providing excellent odds for those who apply.





2nd Annual ASHRAE Scramble Bowling Fundraiser

Wednesday – February 15th, 2017

6:00 PM – 8:00 PM

AT



1900 N. Eagle Rd, Meridian ID 83646

Registration Details Can be found on the ASHRAE Idaho Website

www.idahoashrae.com

Join us for a fun evening while supporting your local chapter! Corporate or family teams encouraged to register early on the ASHRAE website, singles also welcome. There will be a lane dedicated for the kids. Pizza, Soft drinks and Bowling Shoes included.

\$150/team or \$30 for singles

ADVERTISEMENTS

Online Advertising!!

Get your business card posted on

www.idahoashrae.com

*renewals are due now

Annual Business Card Ad on Website: **\$50**



Professional Development Hours

Professional Development Hours are now available at
ASHRAE monthly meetings!



ATTENTION: ASHRAE MEMBERS

**The Chapter is now accepting advertisements
in the monthly newsletter.**

Sponsorship Rates are as follows:

	Per Issue	Annual (9 issues)
Business Card	\$10.00	\$50.00
Quarter Page	\$25.00	\$200.00
Half Page	\$40.00	\$325.00
Full Page	\$60.00	\$450.00

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Simple Advertisements Available For FREE!!

EXAMPLE:

Engineering Company-Mechanical Engineer I Position now open
Visit: www.engineeringcompany.com/.careers for more information

- For quarter, half, or full page job advertisements see above for pricing

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Issues registering for monthly meetings?



**Please contact Sean Drake @
sean@fulchereng.com**

Interested in becoming more involved with your local ASHRAE Chapter? Positions will be opening up soon!

Please contact Casey Huffaker
@ chuffaker@siglers.com for
more information.



