



UTAH CHAPTER

Newsletter

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A Message from the President

Earlier this month we were privileged to have Frank Shadpour, an ASHRAE Fellow as our Distinguished Lecturer at the evening meeting of Feb. 8th. It was a coincidental pleasure for me that Sara Frame, our program chair, recruited Frank. Frank has been a personal friend for years as we have served together at the national ASHRAE level on Technical Committee TC1.4, Controls and Applications. Frank is presently serving as the Program Chair for that committee, an assignment that I carried for years, but was glad to relinquish to such a capable individual. Frank is the founder of a very successful engineering firm, located in San Diego. He is also an adjunct professor at the university there, teaching classes on HVAC controls and building commissioning certification. He has published textbooks on HVAC controls and is also a widely published and popular speaker for ASHRAE.

Frank spoke about building commissioning. He emphasized how with ASHRAE's commitment to sustainability, if we don't commission our HVAC systems to insure that they operate properly, not only will our building tenants be uncomfortable, but the systems will consume much more energy that necessary, which is not good for our planet earth! He also showed a number of slides of how the US building segment, including residences consumes over half of the energy budget in North America. Public buildings, which is the main focus of ASHRAE consumes over half of the building budget. He emphasized that there is plenty of opportunity for ASHRAE members to contribute to reducing the carbon footprint and reaching the goal of zero energy buildings, a goal promulgated by our ASHRAE national presidents. Frank told me ahead of time that he was going to show our spouses that besides their commitment to a "Green Earth" through recycling etc, that we as ASHRAE members could really make a significant difference if we were committed to do so. Some personal information that Frank shared with me after the meeting, that I would like to pass on to our members, (I hope it's OK with him) is about his background. He is from Iran and was over here

by himself at age 16 as an exchange student for a few months. Two months after he arrived, the Shah was deposed in a revolution and he couldn't go back. He found American sponsors and has lived here ever since including receiving his citizenship many years ago. He is married to an American from upstate New York that he met while in college and is the father of three teenage children. His parents were able to be smuggled out of Iran, hiking cross country to Turkey, a few years after his being "stranded" here. They subsequently joined him in San Diego. He told me that his bachelors in engineering took the regular 4 years but his master's degree dragged for 10. He worked for large controls companies in sales and management until starting his own engineering firm many years ago.



At the February meeting we also presented Don Bradshaw, of VBFA, our Utah ASHRAE Engineer of the Year award. He represented us at the UEC Engineer of the Year competition, with their banquet last week at the Capitol Rotunda. Paul Greenwood of Stanley Engineers was our New Faces nominee. Our March meeting will be Students Night, on Wed., Mar 5th at the E Center. We will have a technical tour of the facilities, a dinner and award our chapter scholarships again to engineering students at the local colleges. Afterward we can enjoy a hockey game with the Grizzlies. If any of you are recruiting engineering talent, last year's Student Night at the Capitol complex was well attended by both students and prospective employers, doing the familiar "networking." We anticipate this year will be the same. The chapter is also looking for commercial sponsors for tables of students and donations to provide hockey tickets. The dinner is provided by the chapter.

Mark Case, our Summer Meeting Host committee

Mark your calendars for our April 2008 monthly meeting:



Weather Impacts on HVAC

Date: Friday, April 4, 2008

Time: noon

Place: Chinese Gourmet

chair is still looking for volunteers to help out in June when ASHRAE International comes to visit us in our city. Enough rambling, just an expression of thanks to all I serve with on our Board and Committee Chairs who do the bulk of the work in our Chapter. They make my job easy!

Distinguished Lecturer

On February monthly meeting was an evening meeting held on Friday the 8th, where we had the opportunity to hear from Frank Shadpour. PE of San Diego. The topic of his presentation was "Using your DDC system to successfully Commission Mechanical Systems." ASHRAE has a number of Distinguished Lecturers that are well renowned in our industry, that are available to chapters for programs. Once every several years, chapters can schedule a Distinguished Lecturer and have their travel expense paid by ASHRAE headquarters. Sara Frame, our Program Chair was successful in scheduling Frank, however to coordinate his travel plans, it became necessary to have him speak at an evening meeting.

We met at the Radisson hotel, had a lovely dinner and many of our members brought their spouses. We also heard from Frank about the energy issues facing our country and planet, global warming and what ASHRAE is committed to do about helping solve the problem. He drove home the point that by commissioning systems to operate up to their design efficiency, they will not only operate properly, but also consume less energy which is good for our planet earth. Retro-commissioning, or going back to existing buildings and bringing HVAC systems back to their design operating status, can have significant impacts on their operating efficiency.

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DATE	TIME	TOPIC	SPEAKER	LOCATION
May 9	noon	Technical Conference in morning with lunch mtg.		
June	TBA	Golf Tournament and Year End Party		

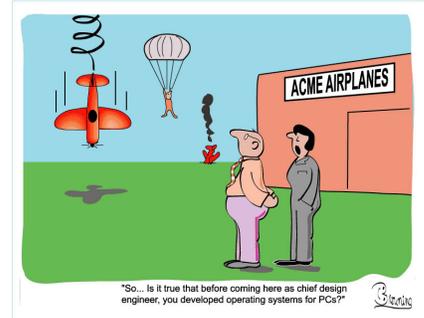


Student Night

March 5th, we found ourselves at the E Center to host the engineering students from the local colleges that applied for our annual Utah chapter scholarships. Kyle Kiesbach, our student activities chair, solicited scholarship applicants from USU, Weber, University of Utah and BYU. Applicants had to demonstrate through a letter, along with their coursework and resumes, an interest in our industry or in working in our industry. We received about 15 applicants, out of which we awarded three undergraduate scholarships of \$1000 each. The scholarships went to Daniel Torgerson and James Murray of the University of Utah and John Anderson of BYU. We also had an unusual applicant, Bidzina Kekelia, who is a PHD graduate research student at the University of Utah. Because of his research in ground source heat pump systems, and his contribution to our industry, our Board of Governors voted to award him a special \$1000 honorarium to assist him in his research. He is from the country of Georgia,

just south of Russia and has been in the states for several years to pursue his graduate research and degree.

Besides being led on a tour by the E center engineering staff, our dinner attendees were able to stay and watch a game of the Grizzly Hockey team. Many thanks to our student table sponsors of Colvin Engineering, ETC group, Olsen and Peterson Engineering and Atkinson Electronics who not only had representatives sit at the dinner table with students and explain our industry to them, but also contributed financially to making our student night possible. Many thanks also to Sara Frame, our Program Chair, who made all the dinner and tour arrangements for the evening, and also to Kyle Kiesbach, who visited the Universities and solicited the scholarship applicants. Thanks to our Board of Governors who convened a special meeting to review and select the scholarship winners.



Distinguished Lecturer cont'd

Frank is an adjunct professor in California and besides owning and operating a large successful engineering firm, finds the time to teach a class every semester to certify commissioning agents. He has written a text book on DDC controls which is published by ASHRAE and is widely used in courses on HVAC control systems, that are taught around the country.

Officers and Committee Chairs

OFFICERS

Gaylen Atkinson, President
801.327.7950, Fax 801.261.3796
gaylen@atkinsonel.com

Sara Frame, President Elect/Programs
801.870.1750
sara.a.frame@gmail.com

Brandon Briggs, Treasurer
801.530.3148, Fax 801.530.3150
bbriggs@vbfa.com

Ronda Engstrom, Secretary
801.308.0128
ronda.engstrom@holbrookassoc.com

Dan Rollins, Past President
801.293.3788, Fax 801.293.8886
rollinsdan@stanleygroup.com

Mark Callister, Governor-at-Large
801.240.4421, Fax 801.240.1689
callistermd@ldschurch.org

Jeff Grant, Governor-at-Large
801.262.5664, Fax 801.264.8884
jgrant@long.com

COMMITTEE CHAIRS

Mark Case, Auditing & Host 08
801.278.1927, Fax 801.278.1942
mark@etcgrp.com

Gary Anthon, Historical
801.261.3600, Fax 801.261.3796
garya@atkinsonel.com

Chuck Lush, Honors and Awards
801.572.3055, Fax 801.572.3075
chaslush@comcast.com

Dan Goulding, Membership Chair
801.486.0500, Fax 801.486.0752
dgoulding@trane.com

Trent Hunt, Publicity
801.486.0500, Fax 801.486.0752
trenthunt@trane.com

Kyle Kisebach, Student Activities Chair
801.322.2400, Fax 801.322.2416
kkisebach@cea-ut.com

David Merrill, Student Activities Co-Chair
801.530.3148, Fax 801.530.3150
dmerrill@vbfa.com

COMMITTEE CHAIRS (cont'd)

Matt Degooyer, Research Promotion
801.463.5301, Fax 801.463.5370
m.degooyer@us-ac.com

Lincoln Porter, Attendance & Reception
801.262.5664, Fax 801.264.8884
lporter@long.com

Ryan Patterson, Attendance & Reception
801.308.0128, Fax 801.308.0131
ryanp@holbrookassoc.com

Rigel Hulett, Webmaster
801.530.3148, Fax 801.530.3150
rhulett@vbfa.com

Jim Hood/Rob Kesler, TEGA
801.783.4465, Fax 801.907.7375
jhood@emcengineers.com

Jim Patterson, Utah CRC
801.308.0128, Fax 801.308.0131
jimp@holbrookassoc.com

Lori Haglund, Newsletter Editor
801.530.3148, Fax 801.530.3150
lhaglund@vbfa.com



2008 Utah ASHRAE Technical Conference

- Date:** Friday, May 9, 2008
- Time:** 8:00 am Registration
8:30 am Program begins
12:00 pm Regular Utah ASHRAE Meeting Lunch with Speaker
1:30 pm Program concludes
- Location:** Utah Department of Natural Resources
1594 W. North Temple
Salt Lake City, UT
- Cost:** \$50 for Utah ASHRAE Members
\$75 for non-members

There will be 3 sessions, each an hour long, on various topics related to sustainability. There will also be a speaker during lunch. There will be 4 Professional Development Hours available. More information about the topics for the sessions will be available in the coming weeks.

Please RSVP with Sara Frame at 801-870-1750 or sara.a.frame@gmail.com.



“We’re Back.... !”

Utah State Energy Program, Energy Codes Training 2008

Last year the Utah State Energy Program (SEP) and its partners launched a new program of training on the 2006 International Energy Conservation Code (2006 IECC), which was adopted into Utah state law on January 1, 2007. The success of the program has led to a new round of training for 2008. We listened to what last year’s participants said and are presenting new course offerings for those who want more in-depth sessions. We also are continuing overview courses for those who are not familiar with the code or who need a refresher.

New for 2008

- **Residential overview courses are now full-day – we have more time to answer your questions**
 - **In-depth plan review courses for code officials**
 - **In-depth specialty courses covering HVAC and lighting**
 - **Additional full-day commercial code overview sessions**
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Course descriptions for all our 2008 offerings and a course calendar appear below.

Thanks to our partners and local sponsors - Questar Gas, Rocky Mountain Power, the Governor’s Energy Adviser, the Utah Rural Electric Association, St. George Water & Energy Services, Logan City and Provo City Power – **2008 training sessions are still free.** Full day sessions even include lunch!

Also returning this year is codes trainer **Eric Makela**. Based in Idaho and with extensive experience throughout the Mountain West, last year’s participants gave high marks to Eric’s courses, and we are pleased to make him available once again to answer your questions.

Our courses are intended for general and specialty contractors, code officials, engineers, architects, and others in the building and energy conservation fields.

Note as well that through this program **technical support is also available**. If you have questions about interpreting or applying the 2006 IECC, we can get you answers. Go to <http://www.energycodes.info/> for more information.

Sessions are scheduled throughout the state. Participants will receive a certificate for Continuing Education Credits and all course materials are free (including a copy of the 2006 IECC). Refreshments will be offered at half-day sessions and lunch will be served at full day sessions.

Together, let’s help Utahns to live in better, more comfortable buildings that save energy, that reduce heating and cooling costs, and that contribute to a healthier environment for everyone.
