THE HOT AIR DIFFUSER
IDAHO CHAPTER NEWSLETTER

MARCH 2009 VOLUME 15 ISSUE 7

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PRESIDENT'S MESSAGE

Hello Idaho ASHRAE members,

We are quickly approaching our annual Tech Conference, currently scheduled for 4-10-09. I would like to encourage everyone to go to the website at www.idahoashrae.com and register for this great event. This year we are serving breakfast and lunch and have some outstanding lecturers, all for the same price as last year of $75 for ASHRAE members. In the next day you should be receiving updated program information, and additional details. Please call Kenny Calkins at Cloverdale plumbing if you are interested in sponsoring this event, or registering via paper versus the website. He can be reached at 376-1901.

I hope everyone can make our meeting this Friday. I look forward to seeing you then.

Jeff Fulcher, PE
President
Idaho Chapter ASHRAE

MARCH PROGRAM

TBA

WHEN: FRIDAY, March 13, 2009
11:45 a.m.—1:00 p.m.

WHERE: TBA

INSIDE THIS ISSUE:

PRESIDENT'S MESSAGE	1
PROGRAM	1
HOME OFFICE NEWS	2
HISTORY LESSON	2
QUOTE OF THE MONTH	2
LOCAL NEWS	3
IMPORTANT DATES	3
MEMBER PROFILE	3
ADVERTISEMENTS	3
SUDOKU OF THE MONTH	4
SUDOKU SOLUTION	4
JOKE OF THE MONTH	4

NEWS FROM THE HOME OFFICE

ASHRAE Recognizes Outstanding HVAC&R Industry Achievements

CHICAGO - The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) recognized 46 people for their contributions to ASHRAE and the HVAC&R industry at the Society's 2009 Winter Conference held here Jan. 24-28.

The E.K. Campbell Award honors outstanding achievements by engineering educators. The recipient is Judi Steciak, Ph.D., P.E. The award honors an individual for outstanding service and achievement in teaching and is presented by the ASHRAE Life Members Club. Steciak is associate professor of mechanical engineering, University of Idaho-Boise.

Please click here for other award recipients.

Sabol & Rice of Idaho

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ACCESS DOORS
ACUDOR – Duct, Architectural and Fire Rated Access Doors
NAILOR – Duct and Fire Rated Access Doors

AIR CONDITIONERS/HEAT PUMPS
ESSICKS – Evaporative Cooling Solutions
RETROAIRE - Replacement Package Terminal Air Conditioners and Heat Pumps
*SPACEPAK – High Velocity Central A/C System

AIR DISTRIBUTION
AIROLITE - Louvers, Penthouses
AJ MANUFACTURING - Stainless Grilles & Diffusers
AMERICAN WARMING - Industrial Dampers
*NAILOR - Grilles, Diffusers, VAV Boxes, Dampers
WESTERN CANWELL - Ridge Ventilators

AIR DUCT
*FLEXMASTER USA – Insulated, Acoustic Flex Duct

AIR HANDLERS
*ESSICK - Evaporative Coolers
*HASTINGS - Duct Furnaces, Make-up Air
RAPID – Gas-Fired Make-up Air and Evap. Cooling
SEASONS 4 – Custom-built HVAC specialty equipments and direct replacement of existing multi-zoned, single zoned indoor and roof top units.
WESTAIRE – Indirect/Direct Evap Coolers

AIR MONITORS
AIRTEST - Gas Monitors and Transmitters

AIR / WATER FILTRATION
FLANDERS - Filters (Bag, Cartridge, HEPA), Housings
PEP FILTRATION – Commercial and Industrial Filtration
PUROFLUX - Process and Cooling Water Filtration Systems
STERNVENT - Dust Collectors

BOILERS/BURNERS
CHROMOLOX – Electric Boilers and Steam Generators
PARKER BOILER - Flexible Tube Boilers
WEBSTER - Forced Draft Burners
WEIL MCLAIN – Boilers for every application, with unmatched reliability.

COMPRESSORS
*KAESER – 3-600 HP Rotary Screw

CRITICAL AIRFLOW CONTROLS
TEK –AIR - Airflow Measurement and Control for Indoor Air Quality and Energy Consumption

ENCLOSURES
SPINNAKER – Rooftop Screening Systems, Welded Wire Partion Systems

EXHAUST SYSTEMS
VAN-PACKER – Exhausting & Venting Stacks

FANS AND BLOWERS
*ACME ENGINEERING - Roof Exhausters, Fans, Blowers
AMERICAN COOLAIR - Propeller Fans
BROAN – Ventilation Fans, Heaters and Attic Ventilation
ILG - Propeller Fans
NUTONE - Ventilation Fans, Heaters and Attic Ventilation

HEAT TRANSFER
ALFA-LAVAL - Plate Heat Exchangers
BALTIMORE AIRCOIL - Cooling Towers
CC SOLUTIONS – Field-Erected Cooling Towers
RENEWAIRE – Energy Recovery Ventilators
SPINNAKER – Energy Recovery Ventilators
SUPER RADIATOR - Industrial Coils
THERMAL – Condensers, Fluid Coolers
WATTS RADIANT - Radiant heat solutions from hydronic and electric radiant floor heating and snow melt systems

HUMIDITY CONTROL
DESERT AIRE - Refrigeration Dehumidifiers
* VAPAC - Steam Humidifiers

KITCHEN HOODS
CAPTIVE-AIRE - Nation's leading manufacturer of commercial kitchen ventilation systems
GAYLORD - Commercial Kitchen Ventilation Systems

PUMPS / WATER SPECIALTIES
BARNES - Waste Water Pumps
BLACKMER - Positive Displacement Pumps
HCI - Terminal Valve Kits
*PEERLESS - Inline, End Suction, Multi-Stage Pumps
WHEATLEY – Exp. Tanks, Heat Exchangers

SOUND / VIBRATION CONTROL
AEROSONICS, INC. - Duct Silencers
*M.W. SAUSSE – Spring Isolators

SPACE HEATERS
CHROMOLOX - Solutions for industrial heating applications
NAILOR - Electric Duct Heaters
Q-MARK – Electric Space Heating
REDD-I – Electric Space Heating
RUFFNECK - Explosion-Proof Heaters
SOLARONICS – Gas Infra-red Heaters

**Stocked Lines (Boise and/or Salt Lake City)*

HISTORY LESSON

Five years ago

The chapter president was Matthew May. The meeting was held on March 12, 2004, at the Red Lion Riverside. James Schroeder, Micron, gave a presentation on practical clean room design from a Micron perspective including filtration, construction, temperature and humidity control, and sound and vibration control.

Ten years ago

The chapter president was Brent Robertson. The meeting was held on March 12, 1999, at the Double Tree Riverside. This was a combined meeting with AIA. The program was on combining efforts to increase awareness of HVAC on new building construction and increasing quality of buildings produced.

Fifteen years ago

The chapter president was Roger Albers. The meeting was held on March 11, 1994, at Edwards Restaurant. Darrell Fugate, Director of Engineering at St. Alphonsus, gave a presentation on advantages and disadvantages of a 2-stage evaporative cooling system that has been in operation at the hospital for about a year.

Steve Hardy
Historian

QUOTE OF THE MONTH

"If we had no winter, the spring would not be so pleasant; if we did not sometimes taste of adversity, prosperity would not be so welcome."

-Anne Bradstreet (1612-1672), English-American writer, the first notable American poet

LOCAL NEWS

ASHRAE TECHNICAL CONFERENCE

The website is now accepting registrations for members, non members and sponsors for the ASHRAE Tech Conference. Please go to http://www.idahoashrae.com/ Please encourage anyone interested in attending the event to register via the website as soon as possible.

ASHRAE AND THE 2009 IMC

We, as the HVAC engineering community, have the opportunity to give input for the future 2009 International Mechanical Code. ASHRAE has been invited to put a committee of ASHRAE members together to meet and discuss with contractors, local, and state code officials items in the new 2009 IMC that may need to be clarified or maybe even modified with amendments. These items would be presented to the State HVAC Board for review and discussion prior to the Board's recommendation for adoption by the State of Idaho Legislators. If you have any thoughts or are interested in being on the ASHRAE 2009 IMC code review committee, please contact Jeff Fulcher.

IMPORTANT DATES

MARCH 13, 2009—ASHRAE Chapter Meeting
MARCH 17, 2009—St. Patrick's Day
APRIL 10, 2009—ASHRAE Technical Conference
APRIL 12, 2009—Easter Sunday
MAY 8, 2009—ASHRAE Chapter Meeting
MAY 25, 2009—Memorial Day
JUNE 12, 2009—ASHRAE Golf Tournament

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MEMBER PROFILE

Shelley Weatherby, PE (Newsletter)

1. How long have you been a member of ASHRAE?
   Since 2007.
2. Who is your current employer?
   Musgrove Engineering
3. What is your professional area of expertise?
   HVAC, Hydronics, Plumbing Design for commercial projects and large residential
4. What is your most memorable project?
   The BSU Sky Suites
5. Where did you grow up?
   Boise.
6. What was your first job?
   Working at "College In & Out" Drive-in. I quit after 2 days. I never did well in food service.
7. Where did you go on your last vacation?
   DISNEYLAND—just my husband and me
8. Do you have any children? Pets?
   No and Yes; George the Cat, Sasha the Dog, and some Tiger Barb fish we never named.
9. What are your hobbies?
   Soccer, Puzzles, Whitewater Rafting, Backpacking, Reading.
10. What is your favorite movie?
    "The Last of the Mohicans" (ahhh, Daniel Day Lewis) and "The Big Lebowski"

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

SUDOKU OF THE MONTH

Puzzle Difficulty: EASY

Fill in the puzzle so that every row, every column, and every 3 x 3 box contains the numbers 1 through 9. (Answer in next month's newsletter.)

2		5	7		8	3		4
		3	9		5	1		
	8				4			7
8				6		7	3	
	3						1	
	4	7		8				2
5			2				4	
		6	3		1	8		
3		4	8		9	6		1

SUDOKU SOLUTION

FROM FEBRUARY'S NEWSLETTER

5	4	6	3	1	2	9	8	7
8	1	9	4	7	6	2	3	5
3	7	2	8	9	5	1	4	6
2	3	8	7	4	9	6	5	1
7	9	1	6	5	8	4	2	3
4	6	5	1	2	3	8	7	9
1	5	7	2	6	4	3	9	8
6	2	3	9	8	7	5	1	4
9	8	4	5	3	1	7	6	2

JOKE OF THE MONTH

PUNS—PART I

1. The roundest knight at King Arthur 's round table was Sir Cumference. He acquired his size from too much pi.

2. I thought I saw an eye doctor on an Alaskan island, but it turned out to be an optical Aleutian.

3. She was only a whiskey maker, but he loved her still.

4. A rubber band pistol was confiscated from algebra class because it was a weapon of math disruption.

5. The butcher backed into the meat grinder and got a little behind in his work.

6. No matter how much you push the envelope, it'll still be stationery.

7. A dog gave birth to puppies near the road and was cited for littering.

8. A grenade thrown into a kitchen in France would result in Linoleum Blownapart.

9. Two silk worms had a race. They ended up in a tie.

10. Time flies like an arrow. Fruit flies like a banana.

11. A hole has been found in the nudist camp wall. The police are looking into it.

12. Atheism is a non-prophet organization.