

# THE HOT AIR DIFFUSER IDAHO CHAPTER NEWSLETTER

MAY 2009



VOLUME 15 ISSUE 9



## IDAHO ASHRAE CHAPTER BOARD

### Officers

President—Jeff Fulcher  
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President-Elect—Spencer Shepard  
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Secretary—Pam Hayes  
hayespamelaj@hotmail.com

Treasurer—Cameron Sprinkel  
cameron@midgley-huber.com

Past-President—Xenon Long  
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### Board of Governors

Dale Stredder  
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Laura Rasmussen  
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Dennis Fox  
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### Chair Positions

Technology Transfer —Carl Marcum  
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Membership —Rick Goeres  
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Student Activities—Cory Law  
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Newsletter—Shelley Weatherby  
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Historian—Steve Hardy  
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## PRESIDENT'S MESSAGE

Hello Idaho ASHRAE members!

As we are winding down this ASHRAE year, I want to start by saying thank you to everyone who has served on the Board of Governors. Everyone has spent countless hours trying to make this another great year.

I also want to thank everyone who helped to produce a wonderful technical conference. If you were not able to make it this year, please plan on trying to come next year. If anyone would like a PDH certificate for attending the conference, please contact Kenny Calkins at Cloverdale Plumbing (376-1901).

**GET READY FOR GOLF!** Our annual golf tournament is scheduled for June 12, 2009 so please mark your calendars and plan on attending. There is a discount for early registrants, so go to <http://www.idahoashrae.com> and register today.

We are planning on elections of new officers at our upcoming meeting this Friday. If you are interested in serving on the Board of Governors, as a Chair or an officer, please contact me as soon as possible.

I look forward to seeing everyone this Friday.

Jeff Fulcher, PE  
President  
Idaho Chapter ASHRAE



## MAY PROGRAM

*This month's chapter meeting will consist of electing new officers for the coming year and general end of year business. Please attend!*

**WHEN: May 8, 2009**  
**11:45 a.m.—1:00 p.m.**

**WHERE: Idaho Power Bldg.**  
**1221 W. Idaho Street**  
**Boise, ID**

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## RESEARCH PROMOTION

We are in the final stretch of the RP campaign for this year! Currently the Idaho Chapter has reached 55% of our \$8900 goal.

Since I last wrote in the newsletter, I have the pleasure of announcing that the following companies and individuals have added to the growing list of generous donors: Tikker Engineering, Columbia Hydronics, Intermountain Gas Co., YMC, Bruce Cleveland, and Xenon Long.

Also, I will take this opportunity to recognize the other companies and individuals who have donated this year to ASHRAE Research. The companies are: Technical Air Products, Climatech, Engineering Incorporated, Innovative Air, Robertson's LLC, Norbryhn Equipment Co., and Musgrove Engineering. Individual donors include: Jeff Fulcher, Spencer Shepard, Cameron Sprinkel, Pam Hayes, Scott Mackay, Andrew Beall, George Masing, Bart Petterson, and Arden Davis. Thanks to each and every one of you for your generous support!

Without donations to ASHRAE Research, publications like the ASHRAE Handbooks, GreenGuide and Advanced Energy Design Guides (just to name a few) would not be available to us.

Please contact me at the monthly meeting or at the golf tournament so I can add you or your company to our list of donors. These are the last two ASHRAE functions of the year, so please don't let the opportunity to contribute pass you by.

You can always make a contribution 24 hours a day at [www.ashrae.org/contribute](http://www.ashrae.org/contribute) if you have a debit or credit card. I will be happy to walk you through the online procedure if you need some help. Please call on me if I can be of any assistance to you with respect to your donation.

Scott Mackay, PE  
RP Chair

## NEWS FROM THE HOME OFFICE

### ASHRAE Publishes Risk Management Guideline

ATLANTA – A new guideline from ASHRAE will assist building owners and managers in analyzing what measures should be put in place to protect occupants and property from extraordinary events. These include natural (fire, storm), accidental (transportation or building mishaps) or intentional (arson, terrorism).

ASHRAE Guideline 29-2009, Guideline for the Risk Management of Public Health and Safety in Buildings, provides guidance for the practical evaluation, design and implementation of measures to reduce multiple risks in new and existing buildings. The risks relate to fire, seismic events, chemical and biological releases, blasts and other extraordinary hazards.

“Guideline 29 is the first guidance document on building protection developed by an industry group consisting of a range of stakeholders including engineers, architects, contractors, building owners and others,” George Glavis, chair of the committee that wrote the guideline, said. “It provides a flexible approach to risk assessment for the range of health and safety hazards that may apply to any given building and thereby enables informed decision making.”

It addresses aspects of building performance that affect occupant health and safety, including egress; chemical, biological, and radiological protection; fire protection; smoke removal or purging; filtration; air quality; entrance paths for contaminants; and building envelopes.

The cost of ASHRAE Guideline 29-2009, Guideline for the Risk Management of Public Health and Safety in Buildings, is \$54 (\$46, ASHRAE members). To order, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 404-321-5478, or visit at [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore).

## MEMBER PROFILE

### *Dan Russell, EIT*

1. How long have you been a member of ASHRAE?  
*3 years*
2. Who is your current employer?  
*Engineering Incorporated*
3. What is your professional area of expertise?  
*Probably giving crap to Jim Edison...but he deserves it. Industry-wise I have no professional area of expertise. I just strive to be the best non-professional lackey I can be (for now). My areas of emphasis include energy modeling & commercial HVAC system design.*
4. What is your most memorable project?  
*36th St. Garden Center*
5. Where did you grow up?  
*Bend, OR*
6. What was your first job?  
*Not including the family drywall business – I was a Roadway Traffic Controller (AKA “Flagger”)*
7. Where did you go on your last vacation?  
*Yellowstone – North Entrance – buurrrrr...*
8. Do you have any children? Pets?  
*2 daughters: Oni (2), Grace (7 months) – 2 black labs Holly & Tucker*
9. What are your hobbies?  
*Playing with my girls, Serving in Christian Ministry, Ultimate Frisbee, and working overtime at EI ;).*
10. What is your favorite movie?  
*Dumb & Dumber*

## SUDOKU OF THE MONTH

Puzzle Difficulty: MEDIUM

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.)

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



## SUDOKU SOLUTION

FROM APRIL'S NEWSLETTER

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

## JOKE OF THE MONTH

### HOW TO CLEAN THE TOILET

(This was simply too much of a time saver not to share it with you.)

1. Lift lid of the toilet up and add 1/8 cup of pet shampoo to the water in the bowl.
2. Pick up the cat and soothe him while you carry him towards the bathroom.
3. In one smooth movement, put the cat in the toilet and close the lid. You may need to stand on the lid.
- 4 The cat will self-agitate and make ample suds. Never mind the noises that come from the toilet. The cat is actually enjoying this.
5. Flush the toilet three or four times. This provides a "power-wash" and "rinse".
6. Have someone open the front door of your home. Be sure that there are no people between the bathroom and the front door.
7. Stand behind the toilet as far as you can, and quickly lift the lid.
8. The cat will rocket out of the toilet, streak through the bathroom, and run outside where he will dry himself off.
9. Both the commode and the cat will be sparkling clean.

Sincerely,

The Dog

