

Denver Meeting Information

DATE: February 5, 2014
TIME: 11:30 am – Registration and Lunch Buffet
 11:45 am – Announcements
 12:00 pm – Program Begins

NEW LOCATION: **The Sheet Metal Training Institute**
1515 W. 47th Ave.
Denver, CO 80211

RSVP: **www.RockyMTNASHRAE.COM**
COST: \$25 Rocky Mtn Chapter Members
 *Reservation made by 5:00 PM on Monday
\$35 Non-members and late reservations
 \$20 Students

Live Test and Balance Demonstration of an Air Balance Procedure and a Hydronic Balance Procedure

TAB Services, a SMACNA Colorado Test and Balance Contractor, TAB Services is one of the premier Test and Balancing Contractors in Colorado and they have conducted several informational programs

This presentation has been registered for 1.0 GBCI Credits

Upcoming Events:

- February 5th - Denver Lunch Meeting
- March 5th - Denver Dinner Meeting and Fort Collins Lunch Meeting
- April 2nd – Denver Lunch Meeting
- May 2nd, 2014 Technical Conference.
- May 7th – Denver Dinner Meeting and Fort Collins Lunch Meeting.

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RM ASHRAE is a USGBC/GBCI education provider!

The Rocky Mountain Chapter of ASHRAE is now a USGBC/GBCI education provider. If you would like to have a presentation submitted to the USGBC for LEED AP credentialing credits, please contact Jessie Jones jjones@rmhgroup.com or Michelle Swanson mwanson@rmhgroup.com for more information.

PRESIDENT'S MESSAGE

Dear Rocky Mountain ASHRAE:

First I would like to thank Nolan Hosking with Price for the informative presentation on ASHRAE 170: Hospital/Patient Facility Air Distribution.

Please make note that our lunch meeting in February will be held at the SMACNA training facility and not at our regular location as we are having a joint meeting with SMACNA. More information on the location is in this newsletter. TAB Services will be conducting a TAB demonstration of air & hydronic balance procedures. We have never done anything like this, so should be a great meeting.

Every year we have a representative from the region come to check in and see how our Chapter is operating. That visit was for our January meeting. He was very impressed with how we do things and the turnout at our meetings. I want to thank you all for that. You should be very proud of our Chapter.

We had our annual DU hockey game Friday January 24th. We had a great turnout yet again. The only negative was that the Pioneers lost the game. I want to thank Mike Day for once again organizing a great event. Hopefully we can have a better game result next year!

Many of us recently returned from New York and the ASHRAE Winter Conference. For being my first time attending, it was a great experience. If you have an opportunity to attend the Winter or Annual Conference, try and make it work. I guarantee your experience will be worth it. There are many great activities and technical programs at both. Please make sure to mark your calendar for the Tech Conference on May 2. Planning is underway with all the presentations and speakers being filled. Along with our traditional tracks, we have added an entire track for Healthcare. Please keep an eye out for the "Save the Date" card in your mailbox coming soon. If you have any questions or concerns, please do not hesitate to contact me.

Best Regards,

Jon Rundquist

Chapter President
Rocky Mountain Chapter of ASHRAE



ROCKY MOUNTAIN ROSTER

Rocky Mountain ASHRAE 2013 - 2014 Board of Governors

Title/Committee Chair	Name	Email	Phone
President	Jon Rundquist	President@RockyMtnASHRAE.com	303.428.2800
President-elect/Tech Conf.	Jessie Jones	TechConference@RockyMtnASHRAE.com	303.239.0909
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Director	Jody Templeton	Director2@RockyMtnASHRAE.com	303.295.6111
Northern Section Chair	Mike Fulton	NorthernSection@RockyMtnASHRAE.com	720.934.8273
Membership	Chris Garofoli	Membership@RockyMtnASHRAE.com	303.396.9006
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Sustainable Engineering	Sara Frame	Sustainable@RockyMtnASHRAE.com	303.328.3436
Government Activities	Steve Ferguson	Government@RockyMtnASHRAE.com	303.428.2800
Historian	Ainsley Thrailkill	Historian@RockyMtnASHRAE.com	303.796.6074
Honors & Awards	Eugene Mitchell	Awards@RockyMtnASHRAE.com	303.322.0165
Social Media	Andrew Van Essen	SocialMedia@RockyMtnASHRAE.com	303.257.2642
YEA Chair	James Newman	YEA@RockyMtnASHRAE.com	303.421.6655

ASHRAE RESEARCH



Don't Wait, Please Donate for the 2013-2014 ASHRAE Year

Mail Check To:
ASHRAE RESEARCH
c/o Jessie Jones, The RMH Group
12600 W Colfax Ave, Suite A-400
Lakewood, CO 80215

Your contribution puts us closer to achieving
our goal. Please send what you can today!

* Individual contributions of \$100 or more and
Corporate contributions of \$150 or more
receive this year's Commemorative Coin
And Honor Roll Contribution status.

Name: _____

Company: _____

Address: _____

Telephone: _____

INDIVIDUAL	\$25.00	\$50.00	\$75.00	\$100.00	Other: _____
CORPORATE	\$75.00	\$100.00	\$175.00	\$250.00	Other: _____

Or Contact Jessie Jones at: 303-312-4641


































THANK YOU Donors!

- Roger Abrahamson
- Kevin Ainsworth
- Tony Anderson
- Trevor Bromberg
- John Freeman
- Mike Harrington
- Michael Haughey
- Jessie Jones
- Mark Labac
- Brian Lynch
- Scott Martin
- Jon Rundquist
- Karl Selby
- Megan Sterl
- Michelle Swanson
- David Willets
- Engineered Products Company – Denver
- Haynes Mechanical Systems
- McNevin Company
- SBSA Inc.



Our goal for this year is to raise \$83,100

ASHRAE RESEARCH DONOR LEVELS AND RECOGNITION

Receives 1 day Meeting Registration*							-----		
Receives 2 tickets to <i>Members Night Out</i> and <i>Welcome Party</i> *									
Presented Commemorative Sculpture									
Individually recognized at President's Luncheon*									
Invited to President's Luncheon*									
Invited to Board of Directors Luncheon*									
Listed on special Display at President's Luncheon*									
Group photo published in spring issue of ASHRAE Insights									
Receives personalized shadowbox plaque							-----	-----	
Listed on RP Display in Registration							-----		
Receives Gold ASHRAE Commemorative Coin & Plaque							-----		
Receives Silver ASHRAE Commemorative Coin & Plaque					-----	-----	-----	-----	
Receives Bronze ASHRAE Commemorative Coin & Plaque				-----	-----	-----	-----	-----	
Receives Antique ASHRAE Commemorative Coin & Plaque			-----	-----	-----	-----	-----	-----	
Receives blue desktop coin holder		-----	-----	-----	-----	-----	-----	-----	
Listed in annual <i>Investor Honor Roll</i>									
	Honor Roll Donor** \$150-\$249	Major Donor – Antique \$250-\$499	Major Donor – Bronze \$500-\$999	Major Donor – Silver \$1000-\$2499	ASHRAE Associate \$2500-\$4999	ASHRAE Partner \$5000-\$9999	Golden Circle Donor \$10,000 - \$19,999	Platinum Circle Donor \$20,000+	

* ASHRAE Winter Meeting

** Individual Honor Roll Donor begins at \$100

Would you like to show your ASHRAE Rocky Mountain Chapter pride? How about a polo with the chapter logo?



You can order polos through Michelle Swanson by emailing her at mswanson@rmhgroup.com. Polos available include a light knit weight polo in mens and womens styles for \$27, you choose the color. An enduring favorite, our comfortable classic polo is anything but ordinary. With superior wrinkle and shrink resistance, a silky soft hand and an incredible range of styles, sizes and colors, it's a first-rate choice for uniforming just about any group. 5-ounce, 65/35 poly/cotton pique, Flat knit collar and cuffs, Metal buttons with dyed-to-match plastic rims, Double-needle armhole seams and hem, Side vents, Adult Sizes: XS-6XL



Banana	Bark	Black	Bright Lavender	Burgundy
Clover Green	Coffee Bean	Cool Grey	Court Green	Dark Green
Deep Berry	Eggplant	Gold	Hibiscus	Kelly Green
Light Blue	Light Pink	Light Stone	Lime	Maroon
Mau Blue	Mediterranean Blue	Mint Green	Navy	Orange
Purple	Red	Royal	Steel Grey	Stone
Strong Blue	Teal Green	Texas Orange	Tropical Pink	Ultramarine Blue
White				

Or a Nike dry fit performance polo for \$57, you choose the color. Nike Golf is known for classic polos engineered to take comfort to the next level. The Dri-FIT fabric technology delivers superior moisture management, while the stitch-trimmed shoulder panels and gussets make a distinctive difference. Flat knit collar, three-button placket and open hem sleeves. Pearlized buttons are selected to complement the shirt color. The contrast Swoosh design trademark is embroidered on the left sleeve. Made of 4.7-ounce, 100% polyester Dri-FIT fabric. Adult Sizes: XS-4XL



Black	French Blue	Midnight Navy	Skyline Blue	Varsity Red
Vivid Green	White			

SUSTAINABLE ENGINEERING COMMITTEE

February Meeting

DATE: 2/26/2014

TIME: 12PM – 1PM

LOCATION: Coolerado
4430 Glencoe St
Denver, CO 80216

RSVP: Sara Frame
sustainable@rockymtnashrae.com

The Sustainable Engineering Committee is committed to advocate sustainable design, construction and operation to our members, the industry and our community through advocacy group meetings and educational seminars. We strive to promote sustainable practices at all ASHRAE events and sponsored activities.

This committee meets once a month for planning and coordination. If you have questions about the committee, please contact Sara Frame at sustainable@rockymtnashrae.com.

2014 SUSTAINABILITY PROJECT

The SEC is working with Energy Outreach Colorado (EOC) to evaluate a potential ventilation upgrade project for the Disabled American Veterans building. The project scope, budget, and opportunity for ASHRAE to get involved is currently being determined. More information on how to get involved will be available in the coming months.

Last year in conjunction with the ASHRAE Summer Conference in Denver, Rocky Mountain ASHRAE assisted EOC in completing a very successful and extensive project at the Denver Rescue Mission. The project included generous donations of design, installation, equipment and materials, and commissioning. The SEC has chosen to continue partnering with the EOC on future projects, but on a smaller scale.

PLANNING FOR HALF-DAY SEMINAR, FALL 2014

A half day event is being planned for Fall 2014. The seminar will be geared toward preparation for the High-Performance Building Design Professional (HBPD) examination. Topics have not yet been chosen. If there is a topic you would like to learn more about and would like to see at this half-day seminar, please contact Sara Frame.

Are you aware of the Building Energy Quotient (bEQ) program and how it's helping building owners achieve levels of improved building performance. Setting high standards for improving energy performance is a major focus of ASHRAE's mission and we believe bEQ is an effective tool in this effort. bEQ is specifically designed to identify factors causing the gap between a building's design potential and its actual performance in operation. Only those who hold an ASHRAE Building Energy Modeling Professional or Building Energy Assessment Professional certification may submit workbooks and benefit fully from the bEQ program. At <https://www.ashrae.org/education--certification/certification/beg-brochures-for-your-use> you'll find revised brochures that reflect ASHRAE adding the As Designed rating to bEQ and how certification supports the program. Please let us know if you have any questions.

GREENING OUR MEETINGS

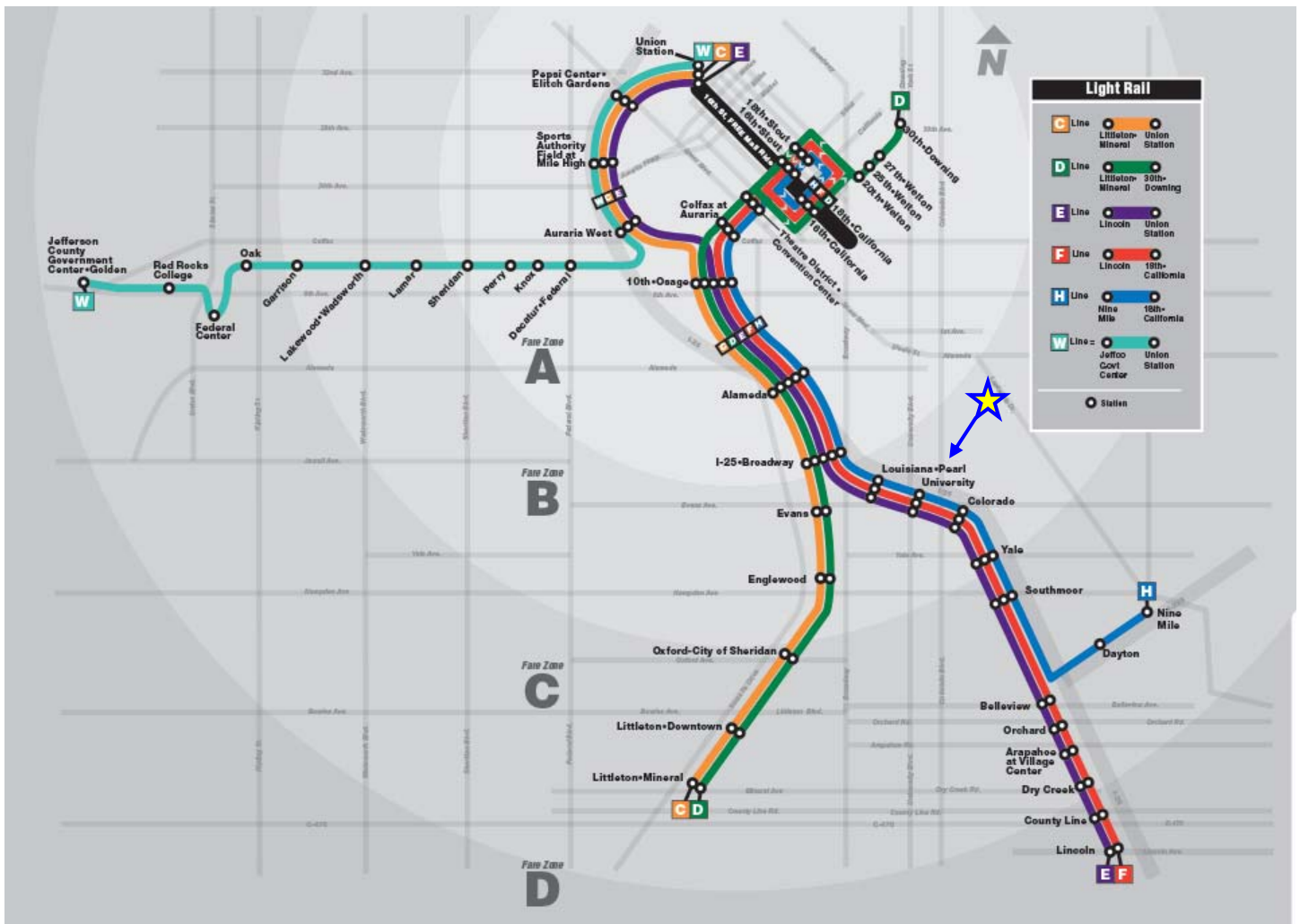
The Rocky Mountain Chapter of ASHRAE will present a free raffle ticket to anyone taking public transportation to the monthly ASHRAE meeting.

One raffle ticket will be given to each participant for each meeting. Visit www.rtd-denver.com for system maps and times or contact ridegreen@rockymtnashrae.com for further assistance.

Acceptable modes of alternative transportation:

- ✓ Walking
- ✓ Bicycling
- ✓ Bus
- ✓ Light Rail
- ✓ Alternative Fuel Vehicle
- ✓ High Efficiency Vehicle (35+ mpg)
- ✓ Carpooling (2 or more persons)

The ASHRAE meeting (Denver) at Dave & Buster's is located at the **Colorado Light Rail Station** for lines **E, F and H**. Any bus lines that pass through the **Evans and Colorado intersection** will also get you to Dave & Buster's.



YOUNG ENGINEERS IN ASHRAE (YEA) & STUDENTS

Young Engineers in ASHRAE (YEA) events are open to all ASHRAE Members, you do not have to be younger than 35 to attend.

Applications Now Being Accepted for the *HVAC Design: Level I - Essentials* Training Scholarship

ASHRAE's *HVAC Design: Level I - Essentials* training targets those new to the field, either as new hires or engineers and others in career transition. The next three opportunities to attend are:

Atlanta, March 17-19 (apply by January 10)

Toronto, March 17-19 (apply by January 10)

Atlanta, June 9-11 (apply by April 11)

The YEA Institute scholarship is offered for each training listed above and covers the full cost of Level I registration.

<https://www.ashrae.org/membership--conferences/yea-scholarship-for-hvac-design-essentials-workshop>

Registration Now Open for YEA Leadership Weekend Spring 2014

March 28-30, 2014 | Portland, Oregon.

Are you interested in expanding your knowledge, meeting fellow engineers and having some fun along the way? Look no further than YEA Leadership Weekend!

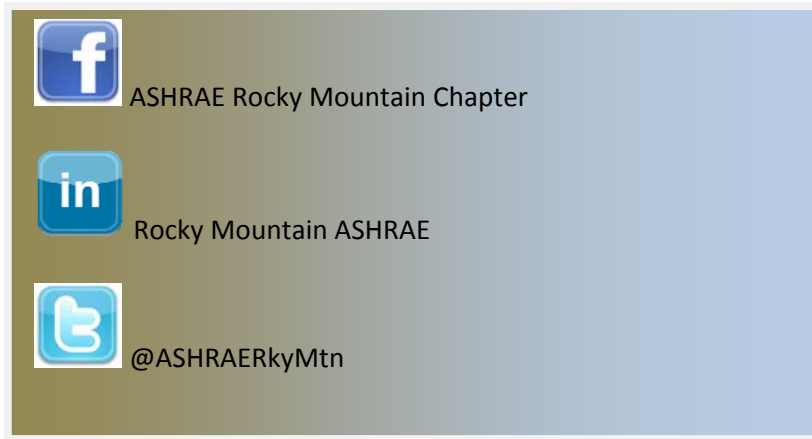
YEA Leadership Weekend is an opportunity for you—the future leaders of ASHRAE—to learn more about Society, develop soft skills and network with other young professionals. Over 300 YEA members have already taken advantage of this great opportunity...will you be next?

<https://www.ashrae.org/membership--conferences/young-engineers-in-ashrae/yea-leadership-weekend-spring-2014>

Stay tuned local events are in their planning stages. Have any ideas? Thoughts on a PE/FE study group?

Contact YEA Committee Chairman James Newman at YEA@RockyMtnASHRAE.com for more information.

Or at:



GOVERNMENT AFFAIRS

Government Affairs is now its own standing committee. This committee's responsibilities are to keep the Chapter members informed of Government activities such as new laws and regulations, legislative and building department activities as well as making ourselves available to the local government entities as an information source. The committee is chaired by Steve Ferguson who can be reached at Government@RockyMtnASHRAE.com if you are looking for more information or are interested in being involved.

Congress Passes, President Signs Omnibus Spending Bill; Good & Bad News for Building Community

Overcoming considerable political and philosophical differences, the U.S. House, Senate, and President have enacted a bipartisan [omnibus spending bill](#) that provides \$1 trillion in discretionary funding for federal programs. Below are snapshots of program funding. For specific information on any programs, including those listed or not, please contact Mark Ames, ASHRAE's Senior Manager of Federal Government Affairs at mames@ashrae.org.

Department of Energy (DOE):

- \$117 million for the [Energy Information Administration](#) (an increase of \$12.2 million). EIA administers programs such as the [Commercial Buildings Energy Consumption Survey](#) (CBECS).
- \$177.9 million for the [Building Technologies Office](#) (a decrease of \$40.7 million). This program funds DOE's involvement in building energy standards/codes, and related activities.
- \$50 million for the [State Energy Program](#) (a decrease of \$7 million).
- \$174 million for the [Weatherization Assistance Program](#) (a decrease of \$10 million).
- \$28.2 million for the [Federal Energy Management Program](#) (a decrease of \$1.7 million).

The funding law establishes a new independent "Commission to Review the Effectiveness of the National Energy Laboratories", which will be charged with examining and providing recommendations to DOE and the Congressional Appropriations Committees on the alignment of the Department's national labs with DOE's strategic priorities. The Commission will also determine whether there are opportunities for more effectively and efficiently using the capabilities of the national labs, including consolidation and realignment. The report is due by February 1, 2015.

General Services Administration (GSA):

\$58 million for government-wide policy activities (a decrease of \$4.5 million). GSA's [Office of Federal High-Performance Green Buildings](#) is funded under this area. The law includes language encouraging GSA to implement or use green building certification systems for new construction, major renovations, and existing buildings when the system is a voluntary consensus standard as defined by the National Technology Transfer and Advancement Act of 1996 (P.L. 104-113) and OMB Circular A-119 and in accordance with its own recommendations on green building certification systems under section 436(h) of the Energy Independence and Security Act of 2007.

Department of Commerce:

\$850 million for the [National Institute of Standards and Technology](#) (NIST) (an increase of \$42.9 million).

U.S. Senate Committee Holds Hearing Examining President Obama's Climate Action Plan

Climate change is often a topic of discussion in policy and technical circles alike. Seeking to bring new life to this issue, U.S. President Barack Obama issued his [Climate Action Plan](#) in June 2013. Although barely over 20 pages, the Plan covers a wide range of areas, including reducing greenhouse gas emissions and energy efficiency, leaving many to question what the President is specifically proposing in the areas addressed.

Seeking to shed light on this question, the [U.S. Senate Committee on Environment & Public Works](#) held an [oversight hearing](#) in mid-January to review the President's Climate Action Plan.

To view an archived webcast of this hearing and view witness testimony, visit <http://ow.ly/sLfnk>

To view ASHRAE's Public Policy Issue Brief on Climate Change and Building Energy Efficiency, visit <http://ow.ly/sLfIX>

To see ASHRAE's Position Document on Climate Change, visit <http://ow.ly/sLfTo>

For additional information, please contact Mark Ames, ASHRAE's Senior Manager of Federal Government Affairs, at mames@ashrae.org.

MEMBERSHIP PROMOTION

Welcome to the "The Membership Promotion Page." We would like time to welcome the following new ASHRAE members for the month of December:

- Mr Albert AhSing
- Ms Carrie Nordby
- Mr Tommy Thompson
- Mr Wayne Fry
- Mr Randall Potter
- Ms Jennifer Wong
- Mr Robert Taylor
- Ms Alexandra Czastkiewicz
- Mr James Nance
- Mr Dennis Greaney
- Mr Vince Guerrie

If you have questions or need membership assistance please send an email to cgarofoli@victaulic.com or call Chris Garofoli at 303-396-9006.

Also, please look around your company and through your contacts to let people know about the benefits of joining ASHRAE. We continue to bring in new young members of the industry to keep them involved with technology and standard advancements.



ASHRAE Rocky Mountain Chapter



Rocky Mountain ASHRAE



@ASHRAERkyMtn

Industry History:

In 1972, the first scientific hand-held calculator was introduced for \$395 by Hewlett- Packard, named the HP-35 for having 35 keys. It was the first hand-held calculator able to perform logarithmic and trigonometric functions with one keystroke. The red LED display could give scientific notation up to 10 digits mantissa and 2 digits exponent. The price was reduced several times, eventually to \$195. By Feb 1975 (when production of the model was discontinued), 300,000 had been sold. The numbers and functions for calculations were entered in "Reverse Polish Notation" (RPN), which used an "ENTER" key but needed no parentheses or "=" key. It ran on rechargeable batteries and had electronics with several integrated circuits in a 79 ×147×34 mm (3.1" x 5.8" x 1.4") case.





MEMBERSHIP APPLICATION

Name: _____

New Member Renewal National Member ID _____
*National membership is required to join chapter.

Address: _____

Email: _____

Name Tag: _____ (\$10) Yes
**Name as it is to appear on the tag.

I would like to be contacted about participating in the following events.

Mentor	Trade Show	Meeting Volunteer	Sustainability Project
Meeting Presenter	Raffle item for meeting	Committee Participation	

Please make check payable to **Rocky Mountain Chapter ASHRAE**.

Annual Membership	\$50
Name Tag	\$10
Total	_____

Please mail to:

Chris Garofoli

3416 Alcott St Denver, CO 80211

membership@rockymtnashrae.com

ROCKY MOUNTAIN ASHRAE HISTORY

With the Super Bowl right around the corner, it seems appropriate to look back at the Rocky Mountain Chapter's history of football. Approximately 40 years ago, the chapter had an annual flag football game pitting the Engineers and Contractors against the Salesmen with the Contractors eventually moving over the Salesmen's team.

Date	Winning Team	Score if Available
Saturday, January 10, 1987	<i>Unknown</i>	
1986	Contractors and Suppliers	
Saturday, October 05, 1985	Contractors and Suppliers	"This year was a repeat of last year, the suppliers and contractors handily defeated the engineers, we won't mention the score."
Saturday, September 29, 1984	Sales Engineers + Contractors	24-7
Saturday, September 17, 1983	<i>Unknown</i>	
1982	Engineers	28-16
Saturday, September 12, 1981	<i>Unknown</i>	
1980	Engineers	38-21
1979	Engineers and Contractors	32-19
Saturday, September 23, 1978	<i>Unknown</i>	
1977	Engineers and Contractors	24-23
1976	<i>Unknown</i>	*game was filmed, no score mentioned
Sunday, September 21, 1975	Engineers and Contractors	26-2
Saturday, September 21, 1974	Salesmen	13-0
1973	Engineers and Contractors	"windfall win"

Looks like if you want to win, you want the contractors on your side!

Industry History:

In 1817, the first U.S. gas company was incorporated in Baltimore, Md. Rembrandt Peale with others was permitted by a city ordinance passed in Jun 1816 to manufacture and distribute coal gas "to provide for more effectually lighting in the streets, squares, lanes and alleys of the city of Baltimore." The incorporators included William Gwynn, who writing as editor of the Baltimore Gazette was able to build public support. The Gas Light Company of Baltimore lighted the first street on 7 Feb 1817. Peale had first used gas to light his Peale's Museum, from which he envisioned the benefits of a company to make gas lighting to city businesses and residences.

ASHRAE SOCIETY NEWS AND PRESS RELEASES

BACnet Web Services Updates and Call for Participation in a Virtual Plugfest

NEW YORK – The BACnet committee has approved an update to BACnet/web services (WS) to better support more sophisticated needs such as smart grid and energy management.

ANSI/ASHRAE Standard 135-2012, *BACnet – A Data Communication Protocol for Building Automation and Control Networks*, allows building equipment and systems manufactured by different companies to work together. It is the only open, consensus-developed standard in the building controls industry.

The BACnet committee announced this week at ASHRAE's 2014 Winter Conference that addendum 135 *am* is slated for public review in the first quarter of 2014. In order to drive a deeper review, the committee is conducting a "virtual plugfest" for prototype implementations.

An open source BACnet/WS server reference implementation has been developed to seed the plugfest, it can be used as a test subject for client development and a basis for server prototypes, according to Carl Neilson, chair of the Standard 135 committee. The committee is asking for implementations of both client and server prototypes.

The virtual plugfest will be conducted online and is expected to begin mid-March and run through early April.

ASHRAE GreenGuide: Four Editions, 10 Years, 158 GreenTips: e-book Made Available

ATLANTA – When the first edition of the "ASHRAE GreenGuide" was first published 10 years ago, guidance on how practice green building design was not so readily available.

"Since 2004, the industry has witnessed the continued evolution of green building programs from strictly voluntary to being both more in the industry mainstream as well as being mandatory in jurisdictions that adopted these for their building codes," Tom Lawrence, a member of ASHRAE's technical committee (TC 2.8) on building environmental impacts and sustainability, said.

The newly published fourth edition of the "ASHRAE GreenGuide" contains updated guidance that reflects how green building practices as well as the industry have changed, according to Lawrence.

"ASHRAE GreenGuide: Design, Construction, and Operation of Sustainable Buildings, 4th Edition," uses an integrated, building systems perspective to provide need-to-know information on what to do, where to turn, what to suggest, and how to interact with other members of the design team in a productive way.

The release of the Guide was announced today during ASHRAE's 2014 Winter Conference taking place in New York. For more information, visit www.ashrae.org/greenguide.

Lawrence said the guide contains several changes that will impact green building design.

First is a complete revision of the indoor environmental quality (IEQ) chapter with much of the content based on the *Indoor Air Quality Guide: Best Practices for Design, Construction and Commissioning*.

"While it is challenging as well as important to provide good indoor environmental quality in an energy efficient manner, in some cases the most effective means to improve IEQ can also save energy," he said. "IEQ should not be sacrificed strictly to

ASHRAE SOCIETY NEWS AND PRESS RELEASES (CONT.)

obtain energy use reductions. After all, the purpose of such buildings is to support the activities for which the building exists and to do so in a manner that does the least harm to the environment while enhancing the health and well-being of the human occupants.”

Another change is a new chapter on sustainable sites. While site issues may be outside the normal purview of most typical ASHRAE members, Lawrence notes that site sustainability is an important part of the design process of the future sustainable built environment. The chapter provides a summary of the key issues in the following topical areas:

- Where to locate the building project
- Landscaping
- Urban heat island effect
- Exterior lighting/light as a pollution source
- Storm water management

As in previous editions, the book contains GreenTips, or which are sidebars containing information on techniques, processes, measures or systems. There are 44 GreenTips in this edition, including new ones on topics such as condensing boilers, rain gardens, green roofs and data centers.

The book now also contains figures printed in color, making them easier to read.

The cost of the print book and the e-book is \$103 (\$87, ASHRAE members). To order, contact ASHRAE Customer Contact Center at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 678-539-2129, or visit www.ashrae.org/bookstore.

SAVE THE DATE

April 17, 2014

1:00pm - 4:00 pm EDT

FREE ASHRAE WEBCAST

Buildings in Balance: IEQ and Energy Efficiency

This **FREE** webcast will feature industry experts who will identify the link between energy efficiency and Indoor Environmental Quality (IEQ) through the integrated design process. Viewers will be able to recognize the importance of the four cornerstones of IEQ and how system selection can benefit both energy efficiency and IEQ.

Visit www.ashrae.org/IEQWebcast for additional information about the program, sponsorships, continuing education credits, speakers, and registration.

EMPLOYMENT OPPORTUNITIES

Go to our website to open these links <http://rockymtnashrae.com/classifieds.php>

Job Title	Company	Date Posted
Mechanical Engineer II	Beaudin Ganze Consulting Engineers, Inc.	April 29, 2013
Application Engineer	Setpoint Systems Corporation	August 30, 2013
Junior Energy Engineer	U.S. Engineering Company	December 16, 2013
Senior Energy Engineer	U.S. Engineering Company	December 16, 2013
Preconstruction Manager	U.S. Engineering Company	December 16, 2013
Sales Engineer	Coolerado Corporation	January 09, 2014
Senior Engineer	PCD Engineering Services	January 10, 2014
Territory Sales Engineer	Grundfos	January 13, 2014
Building Energy Engineer	Group 14 Engineering	January 14, 2014
Commissioning Agent / Project Manager	Iconenergy, Ltd.	January 20, 2014

EMPLOYERS:

Your ad will appear online and in our monthly newsletter.

Employment ads will appear within 1-3 business days of receipt of the ad.

Pricing

\$25/month with 3 month minimum

12 month contract for \$240

ASHRAE Jobs Website Tool:

We thought you and your fellow members would like to know about this valuable tool for ASHRAE Members and HVAC&R hiring authorities. We have prepared a page detailing the story of [ASHRAEjobs.com and its success here](#).

The Career Center offers several benefits for hiring authorities and job seekers:

- ASHRAE Jobs is user friendly. Its products and services equal the offerings from traditional big box boards such as Monster.com, yet its information and postings are specific to the ASHRAE Community.
- Due to its focus on HVAC&R engineering, Job seekers have a more effective search experience. Employers also have immediate access to a pre-filtered pool of talent for skills and experience.
- A unique feature is ASHRAE members are highlighted in search results. The online job application and resume forms require applicants to identify themselves by membership status. Employers can sort applications and resumes by membership status.

I would invite your Chapter to participate in this program by creating a link on your website to the ASHRAE Jobs Career Center. You will find attached a copy of the logo to use on your homepage. We would also appreciate your help to spread the news about ASHRAE Jobs' success through an announcement through your eNewsletter, blogs, etc.