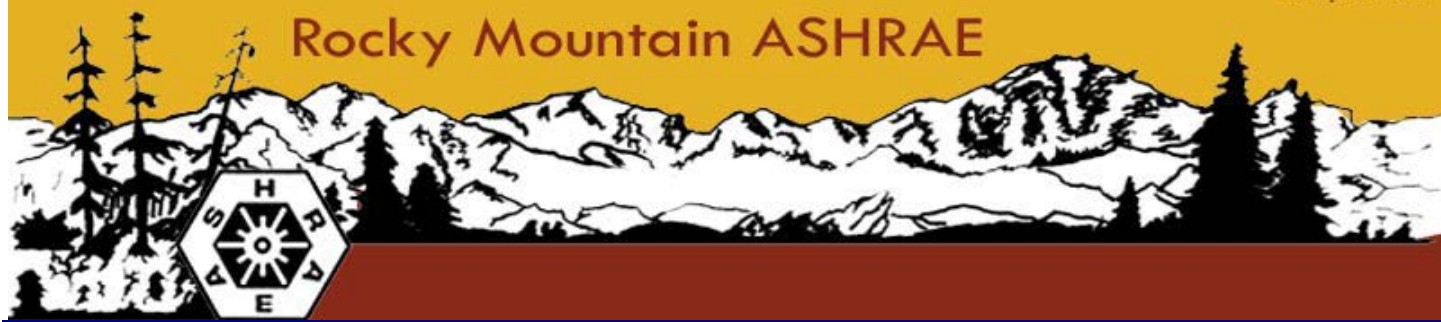


# Rocky Mountain ASHRAE



VOLUME 53, NUMBER 5

JANUARY 2012

EDITOR: MEGAN VAN WIENEN

## JANUARY MEETING

### Denver Meeting Information

**DATE:** Wednesday, January 11, 2012

**TIME:** 5:30 PM Registration  
6:30 PM Dinner  
7:00 PM Program Begins

**LOCATION:** Dave & Buster's  
2000 S. Colorado Blvd  
Denver, CO 80222

**RSVP:** Megan Van Wieren  
[MeganLVanWieren@eaton.com](mailto:MeganLVanWieren@eaton.com)

**COST:** \$25 Rocky Mtn Chapter Members  
\*Reservation made by 12:00 PM 1/9  
**\$35 Non-members and late reservations**  
\$20 Students

### Fort Collins Meeting Information

**DATE:** Wednesday, January 11, 2012

**TIME:** 12:00 Registration  
Announcements  
Program (Ends at 1:30)

**LOCATION:** Cache Bank & Trust  
100 S. College Avenue  
Fort Collins, CO 80524

**COST:** \$10 Rocky Mtn Chapter Members

**RSVP:** Mike Fulton  
[MFulton@westernmechanicalsolutions.com](mailto:MFulton@westernmechanicalsolutions.com)

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### **"Variable Refrigerant Flow"**

This month's ASHRAE meeting will cover the background and advantages of a Variable Refrigerant Flow system. The program will include a comparison to traditional AC solutions and products, an overview of different VRF products and example piping configurations. In addition the presentation will include discussion on ASHRAE 15/34, Energy Modeling and available VRF software.

Presenter Cabot Oglesby is a 28 year industry veteran in the HVAC industry. He started his career in the service sector followed by 20 years at Lennox Industries where he was involved in the research and development of gas combustion products, commercial product management, and district sales management. He stepped away from the manufacturer for a while and served as vice president of sales and marketing for a multi-state HVAC wholesaler. Now, he is currently a Regional Sales Engineer for LG Electronics, USA Commercial Air Conditioning Division, responsible for the regional growth and development of LG's variable refrigerant flow (VRF) product line.

### **Getting Green with Rocky Mountain ASHRAE**

Attend the High-Performance Building Design Specialty Conference to expand your knowledge of high-performance buildings, support ASHRAE Research, and meet other design professionals in your field. The seminar will be held on Friday January 13, 2012 from 8:00am to 4:00pm at MKK Consulting Engineers, Inc.

For more information and registration details see Page 7! **Register today - space is limited to 50 seats!**

# PRESIDENT'S MESSAGE

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Dear Rocky Mountain ASHRAE:

First off, I would like to wish you all a very Happy New Year. Remember our meeting is scheduled for the second Wednesday of the month to allow those who are on extended vacations to come and meet with us.

The chapter will be planting a tree via the Mile Hi Million initiative in the name of each of the speakers this year. The turnouts for the meetings continue to provide strong numbers for the chapter.

It was great to see such a large turnout at our annual Past-President's meeting. I was truly pleased we could get so many Past-Presidents to come out and be recognized. Most of the Past-Presidents have spent seven or more years in volunteer service to the chapter as an officer. All have been an instrumental part of the chapter's successes and I want to thank them all for the past and future support of the chapter activities.

A very special thank you goes out to all individuals who helped in supporting our food drive at this past month's meeting. The Denver Rescue Mission was grateful of our donation and support for the community. Once again, thank you to all of those who participated.

It's our intent to continue providing relevant topics for educational purposes to our members and guests. If there is a particular topic that you think would be beneficial, please let me know and we'll do our best to include it in this year's presentations. At the very least, we can plan ahead and have it scheduled for next year.

Be on the lookout for YEA (Young Engineers in ASHRAE) Social Hours. Whether you're recognized as a YEA individual we encourage you to participate in this event.

If you have any questions or concerns, please do not hesitate to contact me. Thanks a lot and have a great day!

Best Regards,

Adam Bishop

Chapter President  
Rocky Mountain Chapter of ASHRAE

## **ASHRAE Winter Meeting – Regional Dinner**

This year's regional dinner is at Giordano's Pizza, 223 W. Jackson Blvd on Monday January 23, 2012 at 6:30. Please e-mail Rich Rose if you intend to come.

# ROCKY MOUNTAIN ROSTER

## Rocky Mountain ASHRAE 2011 - 2012 Board of Governors

Title/Committee Chair	Name	Email	Phone
<b>President</b>	Adam Bishop	<a href="mailto:adamb@cfmcompany.com">adamb@cfmcompany.com</a>	303.607.4438
<b>President-elect/Tech Conf.</b>	Michelle Swanson	<a href="mailto:mwanson@rmhgroup.com">mwanson@rmhgroup.com</a>	303.239.0909
<b>Vice President/CTTC Chair</b>	Jon Rundquist	<a href="mailto:jonathan.e.rundquist@jci.com">jonathan.e.rundquist@jci.com</a>	303.904.7923
<b>Secretary</b>	Jessie Jones	<a href="mailto:jjones@rmhgroup.com">jjones@rmhgroup.com</a>	303.239.0909
<b>Treasurer</b>	Mike Harrington	<a href="mailto:mharrington@setpointsystems.com">mharrington@setpointsystems.com</a>	303.733.2300
<b>Newsletter Editor</b>	Megan Van Wieren	<a href="mailto:MeganLVanWieren@eaton.com">MeganLVanWieren@eaton.com</a>	303.974.1230
<b>Past President</b>	Ken Urbanek	<a href="mailto:kurbanek@mkkeng.com">kurbanek@mkkeng.com</a>	303.796.6000
<b>Director</b>	Aaron Zimmerman	<a href="mailto:azimmerman@mkkeng.com">azimmerman@mkkeng.com</a>	303.796.6088
<b>Director</b>	John Stumpf	<a href="mailto:jstumpf@CarrierWest.com">jstumpf@CarrierWest.com</a>	720.472.0422
<b>Northern Section Chair</b>	Mike Fulton	<a href="mailto:mfulton@westernmechanicalsolutions.com">mfulton@westernmechanicalsolutions.com</a>	720.934.8273
<b>Membership</b>	Chris Garofoli	<a href="mailto:CGarofoli@victaulic.com">CGarofoli@victaulic.com</a>	303.396.9006
<b>Historian</b>	Dale Eismueller	<a href="mailto:dale@werc.com">dale@werc.com</a>	303.406.4080
<b>Website</b>	Tony Anderson	<a href="mailto:tanderson@airpurificationcompany.com">tanderson@airpurificationcompany.com</a>	
<b>Student Activities</b>	Craig Wanklyn	<a href="mailto:craig.wanklyn@me-engineers.com">craig.wanklyn@me-engineers.com</a>	303.421.6655
<b>Sustainable Engineering</b>	Celeste Cizik	<a href="mailto:CelesteLCizik@eaton.com">CelesteLCizik@eaton.com</a>	303.974.1212
<b>Government Activities</b>	Celeste Cizik	<a href="mailto:CelesteLCizik@eaton.com">CelesteLCizik@eaton.com</a>	303.974.1212

# ASHRAE RESEARCH



## *Thank you 2010-2011 ASHRAE Research Donors*

**THANK YOU** all of our Research Promotion donors from 2010 - 2011 we raised \$62,616 for research last year, we will be having donor recognition night at the January meeting. Please consider giving to the 2011 - 2012 campaign as we are hoping to get the Rocky Mountain chapter to be the highest fundraiser in all of society. We were less than \$6,000 away last year, let's blow by everyone and hit the goal of \$75,000 this year.

## *Don't Wait, Please Donate for the 2011-2012 ASHRAE Year*

Mail Check To:  
**ASHRAE RESEARCH**  
c/o The RMH Group  
12600 W Colfax Ave, 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
CORPORATE	\$75.00	\$100.00	\$175.00	\$250.00

Other: \_\_\_\_\_

Other: \_\_\_\_\_

























*Or Contact Michelle Swanson at: 303-239-2724*



## ***ROCKY MOUNTAIN CHAPTER***

# ASHRAE RESEARCH

## ASHRAE RESEARCH DONOR LEVELS AND RECOGNITION

Presented Golden Circle 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 and Plaque							
Receives Silver ASHRAE Commemorative Coin and Plaque					-----	-----	-----
Receives Bronze ASHRAE Commemorative Coin and Plaque				-----	-----	-----	-----
Receives Antique ASHRAE Commemorative Coin and Plaque			-----	-----	-----	-----	-----
Receives blue desktop coin holder		-----	-----	-----	-----	-----	-----
Listed in annual Investor Honor Roll							
	Honor Roll Donor \$150- \$249	Major Donor – Antique \$250- \$499	Major Donor – Bronze \$500- \$999	Major Donor – Silver \$1000- \$4,999	ASHRAE Associate \$2,500- \$4,999	ASHRAE Partner \$5,000- \$9,999	Golden Circle Donor \$10,000+

# SUSTAINABLE ENGINEERING COMMITTEE

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## January Meeting

**DATE:** Wednesday, January 18, 2012

**TIME:** 12PM – 1PM

**LOCATION:** TBD

**RSVP:** Celeste Cizik  
[CelesteLizik@eaton.com](mailto:CelesteLizik@eaton.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 Celeste Cizik at [sustainable@rockymtnashrae.com](mailto:sustainable@rockymtnashrae.com).

## PROJECT UPDATE - 2013 SUSTAINABILITY PROJECT

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### Denver Rescue Mission | Lawrence Street

**Project Description:** In preparation for the 2013 Annual ASHRAE Society Meeting, the Rocky Mountain chapter has selected the Denver Rescue Mission Lawrence Street facility as the Annual Meeting Sustainability Project in an effort to reduce the environmental impact of the meeting. Each year, ASHRAE selects a Sustainability Project for members to volunteer their time and services. This project traditionally is done for a non-profit organization that would significantly benefit from energy efficiency upgrades and improved systems.

The Lawrence Street Shelter is the Mission's central outreach location. Tens of thousands of poor and needy people come to this facility each year for shelter, food, clothing, medical care, client services, and chapel services. The Lawrence Street Shelter serves three meals a day, seven days a week, three hundred sixty-five days a year. With 200 shelter beds and 100 emergency overflow cots, up to 300 men can find a warm bed and a safe place to sleep each night. Families and individuals come to their "closet" for everything from warm gloves to business attire for job interviews. Case managers help up to 2,000 individuals each month with needs such as food boxes, baby diapers, furniture, clothing, household goods, and referrals to other agencies. Program participants can receive free medical, dental, optical, and chiropractic treatment at the Mission's clinic.

**Project Contact:** If you or your organization would like to assist in the 2013 Annual Meeting Sustainability Project, please contact Brian Lynch at 720.472.1037 or [BL@westernmechanicalsolutions.com](mailto:BL@westernmechanicalsolutions.com).

**Project Update:** The Sustainability Project is underway and the committee is making exciting progress each month. The following activities highlight the work that has been completed in September and October.

- **Preliminary Energy Conservation & Capital Improvement Measures** – Preliminary measures have been identified that will achieve energy savings and improve occupant comfort at the Denver Rescue Mission. These measures are currently being evaluated to quantify the energy savings, to determine the required materials, and estimate the installation cost.
- **Project Website** – Coming soon! The project website complete with project information, photos, updates and donor acknowledgements is expected to be ready before the end of the year. Stay tuned for more information.
- **Fundraising** – Fundraising is currently underway to secure donated services, equipment and funds.

# GETTING GREEN WITH ROCKY MOUNTAIN ASHRAE

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## A High-Performance Building Design Specialty Conference

**Friday January 13, 2012, 8:00am – 4:00pm**

Presented by: Rocky Mountain ASHRAE

Hosted at: MKK Consulting Engineers, Inc.

7600 East Orchard Road, Suite 250S, Greenwood Village, CO 80111

**Register today - space is limited to 50 seats!**

**Full Day - \$75.00 per attendee, breakfast and lunch included**

**Half Day - \$50.00 per attendee, lunch included**

**Students - \$50.00 per attendee, full day or half day**

Expand your knowledge of high-performance buildings, support ASHRAE Research, and meet other design professionals in your field. Learn about the ASHRAE High-Performance Building Design Professional (HBDP) examination and for more information go to - <http://www.ashrae.org/certification/page/1683>.

- **8:00am HBDP Certification Overview** by Brian Lynch
- **8:30am Heading for Net Zero** - Where should we be today based on 2030 Challenge goals. What will it take to get to net zero? Mike Kaufman, Ambient Energy
- **9:45 How to Apply Green Codes** – Actual use and implementation of Standard 189.1. Sean Beilman, BCER
- **10:45 Water Conservation** –Water efficiency in commercial buildings. Cindy Moe, Denver Water
- **12:30 Xtreme Controls** –Energy efficient control strategies to help reduce total building energy consumption. Ryan Hughes, Eaton’s EMC Engineers
- **1:30 Solar Thermal System Design** - Brief outline of different system types and how to implement each one. Include success stories and examples, pitfalls, what to avoid. Jim Schreiber, Shamrock Sales
- **2:45 Measurement & Verification** – Why measure? What should be measured? And what are we verifying? How is this conveyed to the contractor? What does the owner do with the data? Jeffrey Bowick, MKK Consulting Engineers

# GETTING GREEN WITH ROCKY MOUNTAIN ASHRAE

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## Getting Green with Rocky Mountain ASHRAE | Registration Form

### **Seminar Cost**

- Full Day - \$75.00 per attendee, breakfast and lunch included
- Half Day - \$50.00 per attendee, lunch included
- Students - \$50.00 per attendee, full day or half day with Student ID

All proceeds go to ASHRAE Research specifically designated to research aimed at advancing High-Performance and Sustainable Buildings.

### **Registration Information:**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

**Enclosed please find a check for: \$\_\_\_\_\_**

Please make checks payable to Rocky Mountain Chapter of ASHRAE. Payments with Master Card or Visa can be made at the Chapter's Website: [www.rockymtnashrae.com](http://www.rockymtnashrae.com)

### **Please mail check and registration form to:**

Ainsley Thrailkill, MKK Consulting Engineers, Inc.

7600 East Orchard Road, Suite 250S

Greenwood Village, CO 80111

Phone: (303) 796-6074 Fax: (303) 796-6099

Email: [athrailkill@mkkeng.com](mailto:athrailkill@mkkeng.com)



# GREENING OUR MEETINGS

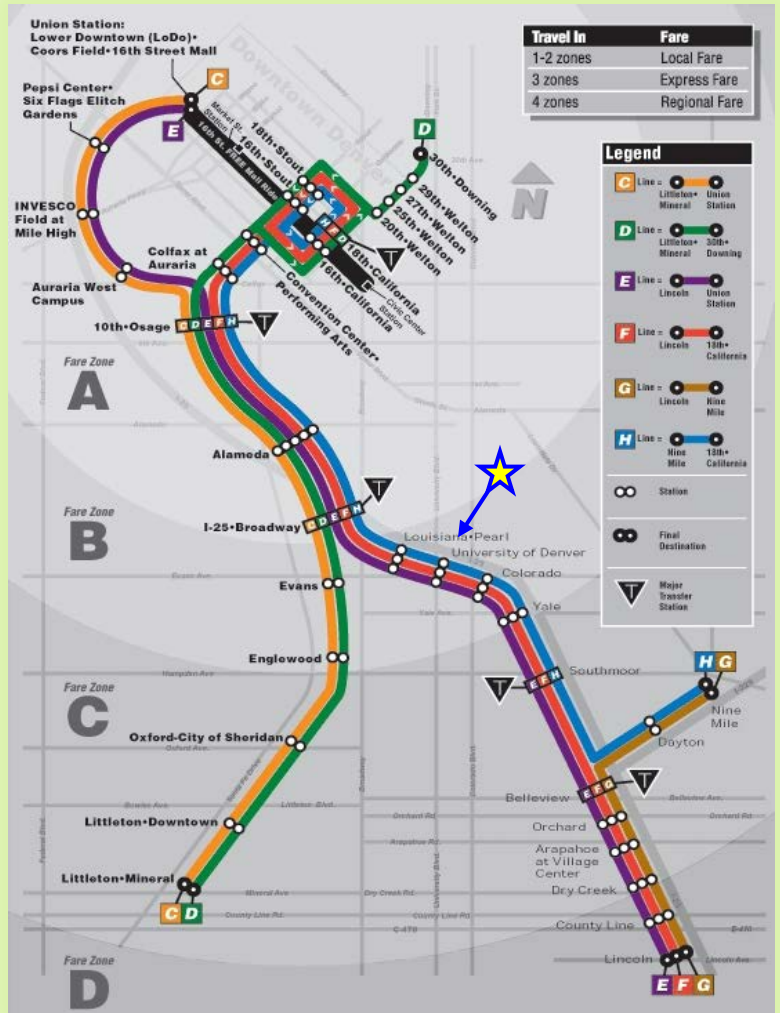
The Rocky Mountain Chapter of ASHRAE will present a free raffle ticket to anyone taking public transportation to the monthly ASHRAE meeting.

One raffle ticket will be given to each participant for each meeting. Visit [www.rtd-denver.com](http://www.rtd-denver.com) for system maps and times or contact [ridegreen@rockymtnashrae.com](mailto: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.



# MEMBERSHIP PROMOTION

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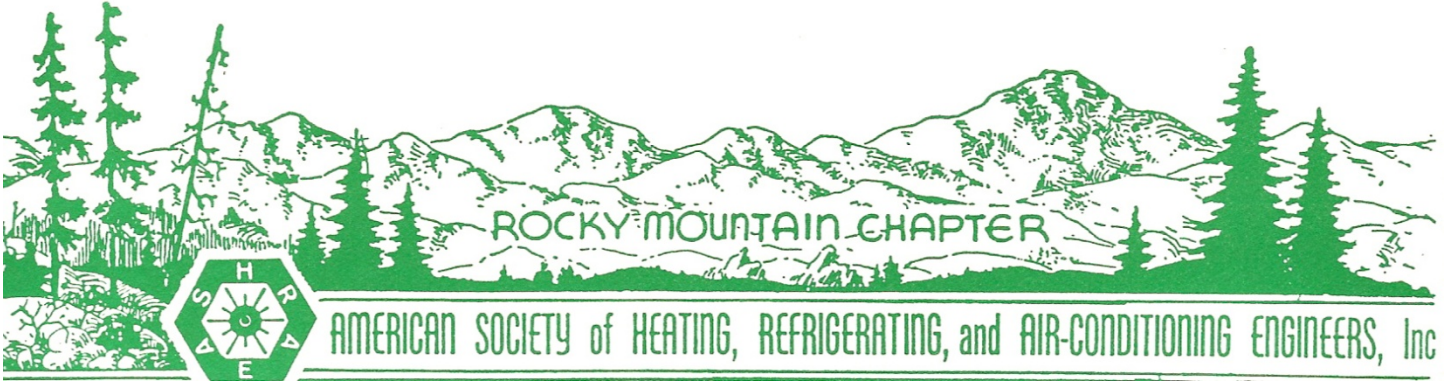
Welcome to the “The Membership Promotion Page.” We would like to take time to welcome the following new ASHRAE members for the month of December:

- Mr Brandon Aitken
- Mr Clifford W Littlejohn
- Mr Kase Nasr
- Mr Monte Schmidt
- Mr Matthew Schulz
- Mrs Maren Rose Traeger
- Mr Archie Warthen

If you have questions or need membership assistance please send an email to [cgarofoli@victaulic.com](mailto: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.

# ROCKY MOUNTAIN MEMBERSHIP APPLICATION



Name: \_\_\_\_\_ (Last) \_\_\_\_\_ (First) \_\_\_\_\_ (MI)

Status: Renewal \_\_\_\_ New Member \_\_\_\_ Address Change \_\_\_\_

Please circle preferred mailing address: HOME BUSINESS

Home Address and Phone

Business Name, Address and Phone

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

p: \_\_\_\_\_

\_\_\_\_\_

p: \_\_\_\_\_

Preferred email address: \_\_\_\_\_

Society Membership Number / Grade: \_\_\_\_\_

Name Tag (\$10.00) Paid? Y N

Name to appear on name tag as: \_\_\_\_\_

I would like to be contacted about serving on one of the following committees or functions (Please circle):

- |                       |                             |  |
|-----------------------|-----------------------------|--|
| A. Newsletter         | F. Chapter Historian        | K. Spouse's Night / Social Committee             |
| B. Membership         | G. Technical Seminars       | L. Colorado Engineering Council (Committee Help) |
| C. Meeting Attendance | H. Research Fund Promotions | M. General                                       |
| D. Education          | I. Monthly Meeting Programs | N. Energy Committee                              |
| E. Golf               | J. Publicity                | O. Sustainable Engineering Committee             |

Please mail this invoice and your check for \$50.00 (2010 / 2011 year) + \$10.00 (Name Tag if requested) payable to **Rocky Mountain Chapter ASHRAE** to the address listed below. ASHRAE will invoice you for both society and local dues every year following the first year.

Chris Garofoli  
Rocky Mountain Chapter ASHRAE Membership Promotion Chair  
c/o Victaulic  
3416 Alcott Street Denver, CO 80211  
[cgarofoli@victaulic.com](mailto:cgarofoli@victaulic.com)

# ROCKY MOUNTAIN ASHRAE HISTORY

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Last year during the December meeting, ASHRAE discussed six research projects at the Colorado University. John Zhai and Michael Brandemuehl from the University of Colorado discussed the current ASHRAE funded research projects at the University of Colorado. John brief overviewed each topic presented. This was a good way to showcase what our ASHRAE Research dollars supports locally.

# ASHRAE SOCIETY NEWS AND PRESS RELEASES

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For Release:  
Dec. 5, 2011

## **O&M Mini-Conference Featured in ASHRAE 2012 Winter Conference Tech Program**

ATLANTA—With low and zero energy buildings becoming more prevalent, there are many issues that arise with installation, startup, commissioning and operations and maintenance. To help ensure that the design intent of these more complicated systems is understood, an O&M “mini-conference” is being offered as part of ASHRAE’s 2012 Winter Conference, Jan. 21-25.

The mini-conference takes place Jan. 22-23 and is held in conjunction with the Technical Program of the ASHRAE Winter Conference, Palmer House Hilton, Chicago, Ill. The mini-conference kicks off with a debate on building operations and several sessions addressing current practices and tools.

“The mini-conference offers an opportunity to have an in-depth conversation for interested professionals in an abbreviated period of time,” Sarah Maston, Technical Program track chair of Operations & Maintenance, said.

The mini-conference addresses lessons learned, improvement of process and team communications and effort to improve the installation, startup, O&M of HVAC systems.

In particular, the importance of test procedures for HVAC systems for is addressed on Monday, Jan. 23, in “Air-Handling System Leakage: Benefits and Costs of Field Tests.” Such procedures are necessary because as much as one third of a system’s airflow can leach through the air distribution system, which can lead to loss of comfort and heating or cooling capacity; increase air conditioning and heating bills; and contribute to indoor air quality problems. The session highlights the benefits and costs of performing system leakage tests from the perspective of a testing, adjusting and balancing contractor, an association of sheet metal contractors and researchers, as well as an upcoming standard from ASHRAE and the Sheet Metal and Air Conditioning Contractors’ National Association (SMACNA) pertaining to testing procedures and requirements for total HVAC system air leakage in commercial buildings. The session is held 8 a.m.-9:30 p.m. at the Palmer House Hilton.

Additional sessions include:

- “What is the Right Degree of Automation in Building Operations: A Debate and Discussion”
- “Has Your TRAINing Left the Station?”
- “Fault Detection and Energy Audits”
- “Energy Savings and Performance Improvements through O&M”
- “Maximizing the Benefits of Commissioning: Incorporating Design Reviews and the Building Envelope into the Commissioning Scope”
- “Vibration Induced Noise and Mechanical Equipment Vibration Isolation, Balance and Predictive Maintenance”
- “YEA for Air Cleaning!”
- “Approaching Net-Zero and Maintaining Your Course: O&M Tools to Maintain Building Performance”
- “The New Age of Water Treatment for Mixed Metal Systems and High Efficiency Aluminum Boilers” – a free session to be held at the AHR Expo, McCormick Place

Additionally, the Chicago Virtual Conference is included with a paid Conference registration—comp and single day registration excluded—and includes on-demand access to all speakers’ audio presentations synced to their presentations. Attendees and speakers can post comments on the presentations for a two-week period following the completion of the Conference. Those not attending the Chicago Winter Conference in person may register for the Virtual Conference only. Register at [www.ashrae.org/chicagovirtual](http://www.ashrae.org/chicagovirtual).

# ASHRAE SOCIETY NEWS – CONTINUED

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For Release:  
Dec. 14, 2011

## **New Book Offers Guidance on Implementing Energy Savings Plan**

ATLANTA – Guidance on increasing energy efficiency in existing buildings through measuring and tracking efficiency and implementing an efficiency plan is featured in a new book from leading built environment organizations.

“Energy Efficiency Guide for Existing Commercial Buildings: Technical Implementation” provides clear and easily understood technical guidance for energy upgrades, retrofits and renovations by which building engineers and managers can achieve at least a 30 percent improvement in energy performance relative to a range of benchmark energy utilization indexes. It features practical means and methods for planning, executing and monitoring an effective program, based on widely available techniques and technologies.

“Energy efficiency improvement in buildings is one of the greatest means to increase resource efficiency, improve environmental stewardship and save operating funds,” George Jackins, who chaired the committee overseeing the book, said. “More importantly, energy efficient improvement should happen because it makes good business sense. Good planning and on-going commitment is essential to maximizing investments in energy efficiency.”

Improving energy in an existing building is an iterative process, but first you have to know where you are starting from, according to Jackins. The book recommends some tips on how to begin the energy savings process:

1. Calculate energy use and cost
2. Set energy performance goals
3. Measure and analyze current energy use
4. Select and implement energy efficiency measures
5. Measure and report improvements
6. Continue to track performance and reassess goals

“Energy Efficiency Guide for Existing Commercial Buildings: Technical Implementation” is the second energy efficient guide for existing commercial buildings developed by the same group developing at the Advanced Energy Design Guide series for new buildings – ASHRAE, the American Institute of Architects, the Illuminating Engineering Society of North America and the U.S. Green Building Council and supported by the U.S. Department of Energy. In addition, the Building Owners and Managers Association and the U.S. General Services Administration were involved in its development. The first, “Energy Efficiency Guide for Existing Commercial Buildings: The Business Case for Building Owners and Managers,” provides the rationale for making economic decisions related to improving and sustaining energy efficiency in existing buildings.

The cost of “Energy Efficiency Guide for Existing Commercial Buildings – Technical Implementation” is \$75 (\$64, ASHRAE members). To order, contact ASHRAE Customer Contact Center at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 404-321-5478, or visit [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore).

# ODDS AND ENDS

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## **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.

If you have questions, I or John von Harz (Services Manager at [jvonharz@ashraejobs.com](mailto:jvonharz@ashraejobs.com)) will be pleased to answer them.