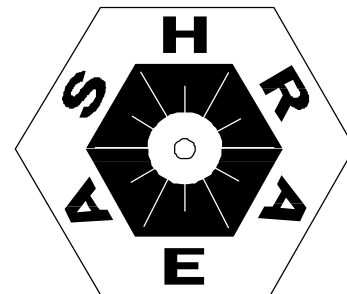
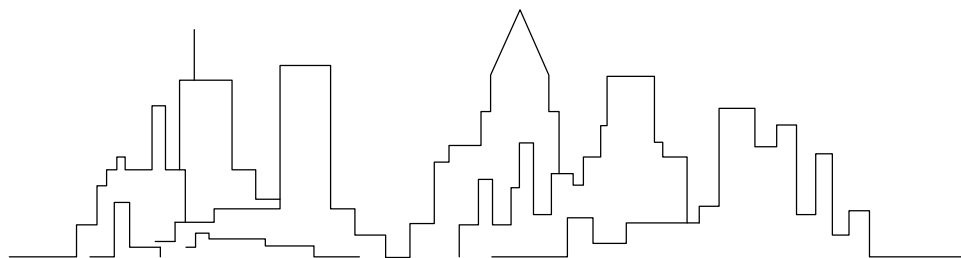


# The EXCHANGER



## Minnesota Chapter

[www.mnashrae.org](http://www.mnashrae.org)

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

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## Presidents Corner

Submitted by Paul Quirin

Last month the Chapter toured the New “Guthrie on the River” Theater in Minneapolis and held our meeting and dinner at the Old Spaghetti Factory. Attendance was fantastic with 76 attending the dinner and over 60 taking the tour. Unfortunately, interest in the tour far exceeded the space and time limitations for conducting the tour and the numbers needed to be restricted. My apologies to members that were unable to attend due to space limitations or late registration.

A total of eleven students attended the tour, two from the University of Minnesota and nine from Dunwoody Institute. As you may already be aware, this year we are trying a new program where corporate sponsors have pledged to cover all meeting costs for students that choose to attend our monthly meetings. This was a great example of how well the program is working. The number of corporate sponsors continues to increase and there is always room for more.

Please review the inserts for the upcoming Health and Life Safety Seminar and the December lunch meeting. The Health and Life Safety seminar will be held at the Four Points Sheraton this year. Topics include laboratory fume hood control and exhaust systems, air filtration and under floor air distribution. The December and January lunch meetings will be held at the Double Tree Park Place Hotel and will feature topics TEGA-related issues and Standards.

Mark your calendar for Wednesday, April 19, 2006. Once again this year, the MN Chapter will be co-sponsoring a site for the ASHRAE Satellite Broadcast. This year’s topic will be “Sustainability and the Building Environment”.

Please encourage the younger engineers at your firms to participate in the Minnesota Chapter and to attend the Chapter meetings. There is always a need for Committee help and room for participation on most of the committees listed on the front of the Exchanger.

If you have not already done so, I encourage you to respond to the programs survey that was sent out in mid-October. You can also enter the survey directly at the following address:

[http://www.surveymonkey.com/Users/42429522/Surveys/65221166935/A131FC9A-FB16-4CF3-B7EB-BC3114EDC3B8.asp?U=65221166935&DO\\_NOT\\_COPY\\_THIS\\_LINK](http://www.surveymonkey.com/Users/42429522/Surveys/65221166935/A131FC9A-FB16-4CF3-B7EB-BC3114EDC3B8.asp?U=65221166935&DO_NOT_COPY_THIS_LINK).

Editors Note: It is recommended that you visit the chapter Web Site @ [www.mnashrae.org](http://www.mnashrae.org) in order to view a PDF version of this newsletter and more easily follow the above survey link.

## Chapter Information

### MASDeC and Reference Directory Committee

MASDeC is teaming up with the Reference Directory Committee to add a section to the Directory that will include a cross reference of the product listings with the points listing of USGBC New Construction LEED™ Rating system and the Minnesota Sustainable Design Guide.

MASDec will be distributing a Green Product Survey to Manufacturer's Representatives with the anticipation that the Manufacturer's will complete the survey and provide valuable sustainable design information to our membership.

The survey is to be posted on the website, [http://www.mnashrae.org/pdf/masdec/green\\_product\\_directory\\_2005.pdf](http://www.mnashrae.org/pdf/masdec/green_product_directory_2005.pdf) for download and distribution to specific manufacturers not in the Reference Directory.

Please take the opportunity to peruse the survey and inform the MASDeC Committee Chair(s) about information that should be included in the survey.

Contact Betti Iwanski at 651-604-3172 or Brian Shablow at 651-602-5539.

### Research Promotion - Submitted by Gary Fishbach

Thanks to everyone who contributed to the 2004-2005 Research Promotion Campaign. We exceed our chapter goal by 3% which the total amounted to \$28,961.00. Donors will be recognized this fall and coins will be distributed then.

On hundred percent of your donations to ASHRAE Research Promotion goes research projects. All overhead is done by local chapter volunteers or at the society level whose salaries are paid by your annual dues.

Have you or your firm contributed to ASHRAE Research? ASHRAE research projects are where new standards are developed, new technologies researched, and today's environmental, conservation, and security issues are addressed. Think of a donation to ASHRAE Research as you or your firm's contribution to improving industry standards.

Donations can be made online at [www.ashrae.org](http://www.ashrae.org), with your annual dues payment, sent to the ASHRAE main office attention RP, or given to me or a board member at a meeting. As of this article going to print I do not have the goal for 2005-2006, but wait to take on this years challenge.

I am also looking for a Co-Chair for this year with the assumption of that person taking over the position next year. Call me if you have questions.

## 2004-2005 ASHRAE Research Promotion Contributors

### Gold Circle \$10,000

McQuay International

CES/Mammoth Inc

### Major Donors \$250-2,499

Bernard J. Mulcahy Co.

John J. Morgan Co.

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TMS Johnson Inc

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**Thank you to all that took part in last year's campaign.**

**ASHRAE Research donations go directly to research projects that help build the standards we use today.**

**Should your firm be on this list?**

### Comment on Proposed ASHRAE Standard

#### Proper Ventilation Integral Part of Patient Care

ATLANTA – Just as the right dose of medication can improve their health, proper ventilation is an integral part of patients' well-being in health care facilities.

Requirements to ensure high quality ventilation can be found in ASHRAE's proposed standard 170P, Ventilation of Health Care Facilities. The proposed standard is open for public comment from Sept. 23-Nov. 7, 2005.

The standard is being developed by ASHRAE and the American Society for Health Care Engineering.

"Without high quality ventilation, patients, health care workers and visitors can become infected through normal respiration of particles in the air," Richard Hermans, P.E., chair of the committee writing the standard, said. "Poorly ventilated health care facilities are places where the likelihood of pathogenic particles occurring in the air is quite high. Because such pathogens can be found everywhere in health care facilities and because patients are susceptible to them, additional care should be taken in the design of ventilation systems."

The proposed standard will define requirements for ventilation system design intended to provide environmental control for comfort, as well as infection and odor control.

It addresses systems and equipment, space ventilation for a variety of areas in health care facilities, including airborne infection isolation rooms, critical care units, burn units, surgery rooms, and Class B and C operating rooms, and planning, construction and system startup.

Drafts of ASHRAE's proposed standards and guidelines are available only during their related public review periods. To obtain electronic draft versions of the Standard 170P during the comment periods, visit ASHRAE.org at [www.ashrae.org/standards](http://www.ashrae.org/standards).

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.

## Upcoming Events

### Minnesota Chapter 2005-2006 Meeting & Event Calendar

- ü ~~October 11, 2005 Dinner~~  
Meeting Topic: Tour — Guthrie on the River
- ü November 8, 2005 Seminar/Lunch  
Health & Life Safety Seminar
- ü December 13, 2005 (Tuesday) Lunch  
Meeting Topic: TEGA
- ü January 10, 2006 (Tuesday) Lunch  
Meeting Topic: AHRAE Standards Update  
Rick Hermans
- ü February 14, 2005 (Tuesday)  
Seminar/Lunch  
Refrigeration Seminar
- ü March 14, 2006 (Tuesday) Dinner  
Meeting Topic: Research Promotion and  
Support Appreciation
- ü April 11, 2005 (Wed.) Seminar/Lunch  
Meeting Topic: Education Seminar
- ü May 9, 2005 (Tuesday)  
Seminar/Lunch  
Meeting Sub-topic: Installation of  
Officers/Past Presidents Day/History -  
Utility Night
- ü June, 2005  
Golf Outing

### Rochester Section Schedule

- ü ~~September 20, 2005 Lunch~~  
MN Board of Engineering
- ü October 18, 2005  
Chilled Water Systems
- ü March 21, 2006 Seminar/Lunch  
Energy Solutions
- ü April 18, 2006 Lunch/Seminar  
Tour -TBD
- ü June 2006  
Golf Outing

### ASPE Meeting Schedule

*Submitted by Renae Torborg, Newsletter  
Editor*

- ~~September 21, 2005~~  
Backflow Prevention
- ~~October 10, 2005~~  
ASPE Local Convention
- ~~October 17, 2005~~  
Rib Eating Contest
- ~~October 19, 2005~~  
Plumbing in Zero G
- November 16, 2005  
Plumbing Vent Basics
- December 21, 2005  
Valve Design and Application
- January 13, 2006  
Holiday Party
- January 18, 2005  
Water Conservation Techniques
- February 15, 2006  
Vacuum Technology
- March 15, 2006  
Siphonic Roof Drainage
- April 19, 2006  
"What's in our Water?"
- May 17, 2006  
Plumbing for Rural Areas

## Professional Directory



Space for Rent!

### 2005-06 Student Dinners Graciously Sponsored by:

Midwest Mechanical Solutions  
R.M. Cotton Company  
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Campbell Seavey  
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**Publication Deadline for the  
December Exchanger; November 11 th.  
All submissions must be in electronic format and should be emailed to the  
Editor: Daniel Chudecke**

**ñ ñ Society and/or Chapter dues Paid?**

First **Yes/No** on Mailing Label = Society Dues

Second **Yes/No** on Mailing Label = Chapter Dues

**INSIDE: Insert: November Meeting Notice  
December Meeting Notice**

