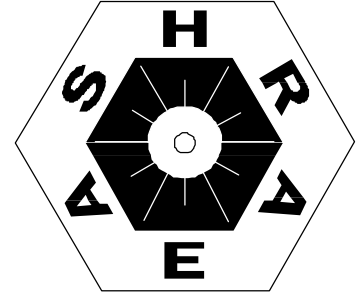
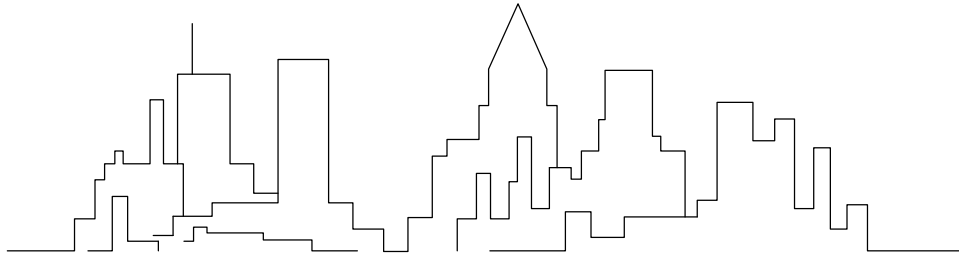


The EXCHANGER



Minnesota Chapter

www.mnashrae.org

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

c/o Karges-Faulconbridge Inc., 670 County Road B, Saint Paul, MN 55113

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OFFICERS		PHONE	FAX	E-MAIL
PRESIDENT:	Curt Ratajczak	763-544-5442	763-544-5569	curtr@tmsj.com
PRESIDENT-ELECT:	Brian Shablow	651-602-0456	651-602-0455	bshablow@mech-sys.com
SECRETARY:	Robert Linder	651-254-6881	651-771-0878	rjlinder@kfi-eng.com
TREASURER:	Jim Douglas	952-938-1588	952-938-1480	jimd@twgi.com
PAST PRESIDENT:	Paul Quirin	763-585-5161	763-566-2208	paul.e.quirin@jci.com
BOARD OF GOVERNORS				
	Scott Rollings	763-473-4640	763-473-8032	scrollings@eerhvac.com
	Todd Courneya	952-525-2073	952-738-5230	todd.courneya@mmstwincities.com
COMMITTEES	CHAIRS			
COMMUNICATIONS	Craig Johnson	651-209-2854	651-778-3911	craig.johnson@benham.com
CRC ACTION	Curt Ratajczak	763-544-5442	763-544-5569	curtr@tmsj.com
EDUCATION SEMINAR (co-chairs)	Jim Douglas	952-938-1588	952-938-1480	jimd@twgi.com
EXCHANGER	Dan Chudecke	651-686-8580	651-686-8588	dchudecke@mulcahyco.com
GOLF	Jim Burns	651-686-8580	651-686-8588	jburns@bjmulcahy.com
HISTORIAN (co-chairs)	Gary Grenzer	763-545-3731	763-525-3289	ggrenzer@atsr.com
	Mason Myers	952-545-8696		salmyers@ix.netcom.com
HOUSE (co-chairs)	Todd Courneya	952-525-2073	952-738-5230	todd.courneya@mmstwincities.com
	Mark Muhlstein	952-525-2033	952-738-5228	mark.muhlstein@mmstwincities.com
LIFE SAFETY	Mark McCollough	952-525-2060	952-738-5237	mark.mccollough@mmstwincities.com
MEMBERSHIP	Bruce Strandberg	763-591-5516	763-595-4324	bws@eganco.com
NORTHERN LIGHTS SECTION P.A.C.	Jeff Splichal	701-280-0500		jeffs@obernel.com
PRODUCT DIRECTORY	Richard Hermans	612-335-5840	612-335-5888	rhermans@mncee.org
PROGRAM	Kelly Hauenstein	651-481-8000	651-481-8621	kellyh@svl.com
PUBLICITY	Scott Rollings	763-473-4640	763-473-8032	scrollings@eerhvac.com
RECEPTION	Ron Klick	612-588-0823	612-588-6459	ronk@gorgen.com
REFRIGERATION (co-chairs)	Richard Hermans	612-335-5840	612-335-5888	rhermans@mncee.org
	Bruce Kamperschroer	651-207-7366		bruce.kamperschroer@co.ramsey.mn.us
	Carol Marriott	763-553-5355	763-553-5445	carol.marriott@mcquay.com
RESEARCH PROMOTION (co-chairs)	Gary Fischbach	763-544-5442	763-544-5569	garyf@tmsj.com
ROCHESTER SECTION	Brett Gorden	507-288-8088		bgorden@holabird.com
ROSTER	Gary Grenzer	612-525-3231	612-525-3289	ggrenzer@atsr.com
SCHOLARSHIP	Richard Hermans	612-335-5840	612-335-5888	rhermans@mncee.org
STUDENT ACTIVITIES (co-chairs)	George Rothenberger	612-752-8735	612-338-4840	gerothenberger@leoadaly.com
	Steve Schreurs	952-238-6551	952-912-2601	sschreurs@sehinc.com
SUSTAINABLE DESIGN (co-chairs)	Todd Courneya	952-525-2073	952-738-5230	todd.courneya@mmstwincities.com
	Betti Iwanski	651-604-3172	651-639-9618	biwanski@gausman.com
	Todd Courneya	952-525-2073	952-738-5230	todd.courneya@mmstwincities.com
TEGA	Tim Manz	612-624-9082	612-625-6667	t.manz@umbuildingcode.com
WEBMASTER	Allen Tillmann	612-761-5422	612-761-3321	allen.tillmann@target.com
REGIONAL OFFICERS				
Regional Treasurer	Richard Harju	763-784-9522		rharju@yahoo.com
Nominating Committee	John Rieke	651-771-2222	651-778-3911	john.rieke@benham.com
Regional Historian	Bill Murray	763-784-7490	763-786-8571	murraysbp@att.net
RVC – Membership Promotion	Craig Johnson	651-209-2854	651-778-3911	craig.johnson@benham.com
RVC – TEGA	Robert Linder	651-254-6881	651-771-0878	rjlinder@kfi-eng.com
LIAISONS				
University of Minnesota Faculty Advisor	Tom Kuehn	612-625-4520		kuehn001@tc.umn.edu
Dunwoody Faculty Advisor	Chuck Taft	612-374-5267		cgtaft@peoplepc.com
Liaison to Northern Lights Section	Ben Eisenschen	651-415-2564	651-481-8621	bene@svl.com

Presidents Corner

Submitted by Curt Ratajczak

Welcome to a new Minnesota ASHRAE year, 2006-2007! The Minnesota Chapter Board of Governors and Committee Chairs have spent the summer months preparing this year's meetings, seminars and events.

We kicked off this year with a summer social event at the St. Paul Saints ballgame. This was the fourth year in a row the Minnesota Chapter held a summer social event and the 2nd consecutive St. Paul Saints game. The event was very successful with a total of 80 people attending, including members and their families. We intend to continue a summer social as it seems to be growing in popularity with our membership.

This year's meeting and seminar focus will be driven by ASHRAE Societies' President, Terry E. Townsend, PE, with the theme for the 2006-2007 year being "The ASHRAE Promise: A Sustainable Future". There are different definitions of sustainability, but one definition included in ASHRAE documents is that "sustainability is the concept of maximizing the effective use of our resources while minimizing the impact of those resources on the earth and its environment." We will learn more about this throughout the coming year. The meetings and seminars will include:

- October tour of the new Minneapolis Library: Which has a large number of sustainable features will be on October 10th, 2006
- MASDeC (Minnesota ASHRAE Sustainable Design Committee) Seminar: A half day seminar and lunch program on November 8th, 2006. Note: this seminar replaces the Life Safety seminar for the 2006-2007 year.
- Monthly chapter meetings will be held on December 12th, 2006, January 9th, 2007, March 13th, 2007, and May 8th, 2007.
- Refrigeration Seminar: A half day seminar and lunch program – this year featuring a very special lunch speaker, President-Elect Kent W. Peterson, on February 13th, 2007.
- Education Seminar: A half day seminar and lunch program on April 10th, 2007.
- Co-Sponsorship of speakers: At the Midwest Plant Engineering Show in Minneapolis on October 11-12, 2006.
- Additional technical presentation will be held at our Rochester and Northern Lights (Fargo/Grand Forks) Sections. See the Exchanger for more information

As you can see we will be offering a good schedule of seminars and meetings with a great deal of technical sessions involved. Remember that we offer

continuing education certificates for all these technical sessions. These can be applied toward the continuing education requirements necessary to maintain professional engineering licensures.

The Minnesota Chapter is made up of plenty of hard working volunteers and these volunteers are the backbone of our Chapter's success. We are always looking for volunteers to fill Chapter committees. If you are interested in a committee, please contact a chapter official and we will get you involved. Remember ASHRAE is a great industry networking tool.

The Chapter officers and the Board of Governors are very excited about the upcoming year and hope to see everyone at a meeting or seminar during the course of the year. Maybe all of us can learn more about Sustainability and how it can help us create a better future for us and our environment.

Society Information

Web Site Features Improved Technology and Navigation ASHRAE Unveils Redesigned Web Site Wendy Angel – ASHRAE Public Relations

ATLANTA – With a focus on ease of navigation and new technology, the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) has unveiled its redesigned Web site, www.ASHRAE.org.

An improved web site is a corner stone of fulfilling the Society's new Strategic Plan, which calls for sustainability leadership, world-class educational programs, a raised public profile and global access to technical information. A refined Google-powered search engine has been added, and site visitors will benefit from the site's 100% uptime and increased speed. The new, simpler design incorporates a technology that will integrate with the new member database that goes live this fall, allowing members to easily access subscription management tools for eLists and newsletters, and account history for events, purchases and dues.

"The ASHRAE web site is the key component of the Society's strategy to provide membership service and technical information to the industry," says Steve Comstock, director of publications and education. "With the new technology incorporated into the site, our members and key audiences will be able to access crucial information faster and with greater ease."

Upon logging into the site, members will have access to the MyASHRAE section where they will be able to use the site to reflect their specific interests. Members can sign up for e-mail updates when updated content has been added to a particular section, and a lost password function allows users to quickly retrieve forgotten passwords.

The simplified site navigation is now broken into six tabbed sections:

- Members (formerly Membership)
- Publications (formerly Education and Publications)

- Technology (formerly Technology and Standards)
- Education (formerly Education and Publications)
- Events (formerly Meetings and Events), and
- Students (formerly Student Zone)

Content from the previous site's About Us section now occupies a position at the top left of ASHRAE.org under a new About Us section.

The upgraded site will also include a redesigned bookstore upon the section's completion in December.

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ASHRAE Offers Educational Program at AHR Expo-Mexico

Jodi Dunlop

ASHRAE Public Relations

ATLANTA – To help meet the demand for new technology in Mexico and Latin America, ASHRAE is providing educational courses at the upcoming AHR Expo-Mexico.

AHR Expo-Mexico will take place Oct. 10-12, 2006, in Mexico City. Since 1997, AHR Expo-Mexico has been a resource for new products, ideas and services in Mexico and Latin America. It is sponsored by ASHRAE, the Air-Conditioning and Refrigeration institute and the International Exposition Co.

A variety of courses related to HVAC&R are being offered by ASHRAE's Mexico City Chapter. These will focus on energy, refrigeration, indoor air quality, and building controls.

"The demand for new technology being highlighted at Expo-Mexico is shared throughout the world," Terry Townsend, P.E., ASHRAE president, said. "ASHRAE is committed to meeting that need through its role as a global leader in the HVAC&R community. ASHRAE serves as a link in the global economy.

Through ASHRAE, members from Mexico can reach out to engineers around the world, such as Dubai, Hong Kong and Germany, to work together to improve HVAC&R."

For more information or to register, visit www.ahexpomex.com.

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ASHRAE Sustainable Metrics Group to Develop Design Guidance

ATLANTA - A new technical research group focusing on sustainable building guidance and metrics has been created by ASHRAE.

The group will develop design guidance, performance metrics and rating systems to integrate indoor environmental quality, energy efficiency and other aspects of sustainable building performance.

“If you ask a group of engineers to look at a facility, you’ll get a variety of opinions about how that building is performing in regard to energy efficiency, indoor air quality and comfort,” said Bryan R. Becker, Ph.D., P.E., a member of ASHRAE’s Technical Activities Committee, which oversees Society technical committees. “Our goal is to develop metrics and rating systems that are repeatable, verifiable and that can be utilized globally.”

Those interested in joining the new group can email MORTS@ASHRAE.net for further details.

The group will work with other organizations to integrate HVAC&R systems with other building systems to enhance the effectiveness of total building design and integrated practice.

ASHRAE has some 100 technical committees, task groups and technical resource groups. These committees drive the ASHRAE research program, support the development of standards, develop and sponsor technical seminars and symposiums for ASHRAE meetings, review and draft technical articles, special publications and educational courses and write the ASHRAE Handbook, considered to be the Bible of the HVAC&R industry.

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ASHRAE Association Management Software Update

AD Hoc Committee for ASHRAE’s
Association Management Software System
Gordon V.R. Holness, Chair

This report provides an update for chapter members on the status of implementation of the Society’s Association Management Software system (AMS). The new AMS will integrate with the ASHRAE.org website to provide electronic commerce for real time product, membership, and registration transactions; and, access to selective data stored in the AMS database.

The implementation schedule, including data conversion, remains on track. The completion date for iWeb (internal) operations is projected to be October 2006. At that point all iWeb customizations will be completed and all data will have been converted and cut over from TIMSS to the new Avectora netForum software. We are planning to gradually phase in the eWeb (external) functions such that they are completed by no later than June 2007. As part of this program we have contracted with a new company to host our web site, providing superior content management and allowing staff greater control over the placement of content, greater flexibility to make changes, and access to enhanced reporting capabilities.

When completed, the web site will be characterized by significantly increased speed, functionality, and ease of use. ASHRAE.org’s new Google search engine

will enable members to find content more quickly and easily, whether the source is an ASHRAE web page, Word document, spreadsheet, or PDF file.

The increased flexibility of the new site will make easier the evolution of specialized online communities among the membership. It will be possible for Standing Committees, Councils, Project Committees and Technical Committees to have web pages with a consistent look and feel, containing agendas, minutes, etc., that can be accessed by the members. With all of this effort, members can expect to see increased responsiveness and greater access to data, including membership information, committee rosters, etc.

The ASHRAE Electronic Communications Committee (ECC) has developed a recommended ASHRAE Contact Data and Release Policy that will provide a consistent Society wide contact data format for use by all levels of the Society. There will be numerous levels of access and we need to establish an access level policy, resolve securities issues, address spam, etc. We need to establish standardized communications protocols (outside of Headquarters).

When the total project is completed we will have significantly enhanced system capability and functionality. We will have:

- Enhanced online membership application process
- Dues renewal will be available at any time (versus periodic billing)
- Simplified update and review of biographical information (with appropriate security applied)
- Real time on-line purchase of all ASHRAE publications and products
- Real time on-line registration for meetings and courses
- Access for staff and authorized members to run Council and Committee reports and rosters
- On-line process for submission of committee nominations
- Access for authorized individuals to update Chapter officers and rosters
- Authorized individuals will continue to have access to the chapter reports that are currently accessible
- Ability to track multiple phone, cell phone, and email addresses

The completion of the total projects will produce an integration of the ASHRAE Web site and the member database that will be synergistic, powerful, and a great step forward in maximizing the use of the volunteers' time.

ASHRAE Awards Scholarship in Memory of Frank Coda

ATLANTA – A scholarship created in memory of Frank Coda, ASHRAE's former executive vice president who died in 2004, has been awarded for the first time.

The undergraduate engineering scholarship was awarded to Jeremy Dreiling, an architectural engineering student at Kansas State University. It provides \$5,000 for one year.

"Frank saw the need for ASHRAE's involvement with education and always advocated assistance for students and supported cooperation between ASHRAE and universities," Jeffrey Spitler, Ph.D., P.E., chair of ASHRAE's Scholarship

Trustees, said. “This scholarship is a very appropriate way to recognize his contributions and honor his memory. The endowed scholarship will provide significant help to a deserving student each year.”

Coda became ASHRAE executive director in 1981, was named chief staff officer in 1984, and became executive vice president emeritus in January 2004. He continued to work for ASHRAE in a consulting capacity until his death in June 2004.

ASHRAE’s scholarship program was launched in 1989 under Coda’s leadership. Since that time, ASHRAE has awarded 136 scholarships. The ASHRAE Scholarship program encourages and assists HVAC&R education through scholarships and fellowships.

Other scholarships awarded by ASHRAE this year, totaling some \$60,000, are:

- Reuben Trane Scholarships, \$10,000 for two years, Adrian Akerson, space physics and aeronautics, Embry-Riddle Aeronautical University, Daytona Beach, Fla.; Kevin Moore, mechanical engineering, Saginaw Valley State University, University Center, Mich.; and Peter McKeon, mechanical engineering, University of Pittsburgh;
- ASHRAE Region VIII Scholarship, \$3,000 for one year, Brad Crumpton, mechanical engineering, University of Texas at Tyler;
- ASHRAE Memorial Scholarship, \$3,000, Blake Erb, mechanical engineering, University of Saskatchewan;
- Associate Engineering Technology, \$3,000, David Fox, commercial/industrial refrigeration and HVAC technology, Bellingham (Wash.) Technical College; and David Pirozzoli, HVAC technology, Harrisburg (Pa.) Area Community College;
- General Scholarship, \$3,000, Kai Hartman, mechanical engineering, Tri-State University, Angola, Ind.; and Nashley Mascarenhas, mechanical engineering, Purdue University;
- Henry Adams Scholarship, \$3,000, Kevin Kaufman, architectural engineering, Pennsylvania State University;
- Bachelor Engineering Technology, \$3,000, Andrew Mengwasser, mechanical engineering technology, Southern Polytechnic State University, Marietta, Ga.;
- Alwin B. Newton Scholarship, \$3,000, Martin Nolan, mechanical engineering, City College – City University of New York;
- J. Richard Mehalick Scholarship, \$3,000, Igor Tatarintsev, mechanical engineering, University of Pittsburgh;
- Duane Hanson Scholarship, \$3,000, Cassie Waddell, architectural engineering/architecture, University of Kansas.

For more information on ASHRAE’s scholarship program, visit the “student zone” section of www.ashrae.org.

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Upcoming Events

Minnesota Chapter Meeting & Event Calendar

Northern Lights Chapter

TBD

- ü **October 10, 2006 Dinner**
Meeting Topic: Tour – Minneapolis Public Library
- ü **November 8, 2006 Seminar/Lunch**
Seminar
- ü **December 12, 2006 (Tuesday) Lunch**
Meeting Topic: TEGA
- ü **January 9, 2007 (Tuesday) Lunch**
Meeting Topic: AHRAE Standards Update
Rick Hermans
- ü **February 13, 2007 (Tuesday)
Seminar/Lunch**
Refrigeration Seminar
- ü **March 13, 2007 (Tuesday) Dinner**
Meeting Topic: Research Promotion and
Support Appreciation
- ü **April 10, 2007 (Wed.) Seminar/Lunch**
Meeting Topic: Education Seminar
- ü **May 8, 2007 (Tuesday)
Seminar/Lunch**
Meeting Sub-topic: Installation of
Officers/Past Presidents Day/History -
Utility Night
- ü **June, 2007**
Golf Outing

Rochester Section Schedule

TBD

ASPE Meeting Schedule

TBD

Professional Directory



Space for Rent!



**2006-07 Student Dinners
Graciously Sponsored by:**



**Publication Deadline for the
Next Exchanger; November, 2006
October 13, 2006**

**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: October Meeting Notice
November Meeting Notice**