



INFORMAIRE

JOURNAL OF MADISON, WISCONSIN CHAPTER

AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

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October 2008

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OCTOBER MEETING *RP Night*

Submitted by: Robb Stone

DATE: MONDAY, October 13th, 2008**LOCATION:** Erdman, Inc.
One Erdman Place
Madison, WI 53717**TIME:** Social Gathering 5:00 to 6:00 p.m.
Project Tour (Program) 6:00 to 7:00 p.m.
Program Presentation 7:00 to 8:00 p.m.**TOPIC:** LEED Project Tour

This program will involve the tour of the new Erdman Company corporate office building. The tour will consist of 7 station presentations covering the six categories of LEED.

SPEAKER: Erdman Company partnered with Madison real estate developer **George Gialamas** to design and build their 133,000 square-foot corporate headquarters situated in Old Sauk Trails Park. The five-story, glass and limestone building features clean lines and an intriguing interplay of convex and concave detailing at the entrance. The understated, elegant design reflects the company's history but speaks to its evolving mission.

The project team applied a balanced approach incorporating sustainable practices across the six LEED categories: Sustainable Sites, Water Efficiency, Energy & Atmosphere, Materials and Resources, Indoor Environmental Quality, and Innovation & Design. The project achieved the LEED Gold certification level.

RSVP: Please RSVP (email) to **Robb Stone** at JDR Engineering: stone@jdreng.com. You may also call Robb at (608) 277-1728, ext 101.

Please RSVP no later than **10:00 AM, Friday, October 10th**

The cost for the meeting is **\$30 for members and non-members**, which includes dinner and presentation. The meeting fee will be paid at the door. Please make checks payable to **Madison ASHRAE Chapter**. Joining the Cafeteria Plan is available until **October 13th**.

(See Meeting on next page)

PRESIDENTS MESSAGE

Submitted By: Tim Meeker

Hello, and welcome to the October INFORMAIRE!

I hope this issue of the INFORMAIRE finds your boilers running efficiently and filters clean!

In this issue of the INFORMAIRE (as well as last month's issue), you will see articles written by our Committee Chairs "spotlighting" each of our Madison Chapter Committee's. These articles are intended to highlight the responsibilities and purpose of each Committee. We also hope these "ticklers" will intrigue additional interest in joining these Committees to help benefit the Chapter!

This month Robb Stone has arranged for us to take a tour of the new **Erdman** building. This tour will be complete with "stations" to learn more about the building and what makes it "tick". Thanks to **Robb** and the folks at **Erdman** for making this happen! We will also have Committee volunteer sign-up sheets at our registration table to encourage additional participation in our Chapter. Please consider joining a committee!

Also, October is the last month that Madison Members will be eligible to sign-up for our Cafeteria meal plan for Chapter programs. Please take advantage of this program! Make sure that you have payment arrangements ready for Matt Heil.

Lastly, our November meeting is also exciting as we have **Tom Durkin** coming in as a guest speaker. You may have read Tom's articles in Engineered Systems or PM Engineer. We are excited to have Tom visit our Chapter. Be sure not to miss this event!

As always, if you have questions, comments or concerns, please feel free to contact any of the BOG members.

Thanks and I look forward to seeing you this month!

Tim Meeker

2008-09 Madison ASHRAE Chapter President

meeker@jdreng.com

(608) 277-1728

OCTOBER MEETING

Con't

DINNER: Catered by the Kitchen Hearth Catering

Dinner will be a box lunch style with an assortment of sandwiches and sides

ASHRAE will provide an assortment of beverages including water, soda, and beer.

The Madison Chapter of ASHRAE is offering a **Cafeteria Plan** for the 2008 - 2009 year. Members may purchase a onetime, non-transferable, fee of **\$150.00** which will provide the named individual to attend all nine (9) monthly meetings, including dinner and program. Joining the Cafeteria Plan will be available through the **October meeting on 10/13/08**. Credit will be given to those who paid \$30 for the September meeting and wish to purchase the Cafeteria plan at the October meeting. The Cafeteria Plan does not include seminars; fee based technical sessions or social activities with additional fees.

*The Madison Chapter "No Show" Policy: In an effort to control meeting costs, members who fail to show and fail to chance by NOON FRIDAY the week before will be asked to contribute \$30 to recover the meal costs incurred by the Chapter. Checks are to be made out to Madison ASHRAE Chapter and mailed to: **Matt Heil**, c/o Henneman Engineering, 1232 Fourier Drive, Suite 101 Madison, Wisconsin 53717-1960*

RESOURCE PROMOTION

Submitted By: Gene Nelson

As we start a new fiscal year, our **Resource Promotion** campaign begins anew. Research is a major part (90%) of the Resource Promotion campaign, but it also includes Education, Foundation endowments for research, an unrestricted fund, and Society scholarships. A student from our chapter was a recipient of one the Societies' scholarships last year.

Recapping last two years, our Chapter giving and goals were:

2006-2007: \$15,721 vs. our goal of \$16,000
2007-2008: \$14,219 vs. our goal of \$18,000

Our goal this year is \$15,000. I want to beat this!! Last year our chapter gave \$4,519 or 33% the total. 26 companies gave \$8,400, and 11 individuals (4 from the Board of Governors) gave \$1300. Our Chapter's contribution is from a portion of last year's CRC, a portion of this year's golf outing, and the monthly chapter meeting raffles.

At the last meeting, we raffled off an ASHRAE guide worth \$79 to designing underfloor air systems. We raised \$47. In summary, we can do better! Individual contribution of \$100 or company contribution's of \$150 will be recognized with an ASHRAE's honor roll.

I have just started this year by attending a one day R-P workshop in Chicago. I learned from this workshop that I can not do this alone. Consider my request to help in this year's campaign. We will begin making calls in November

and with the conclusion by June 15th. Please look for additional information on how you benefit from ASHRAE Research and how you can give freely of your time and money.

GAME

Submitted By: Ellen Skorpinski

These days everyone seems to be **"going green"**, and I couldn't be happier. From small steps to big changes, people are taking action. One way people are taking action is by sustainable/green buildings. These green building choices, from carpet selection to energy use, are lowering the environmental impact buildings have on the environment and are making healthier and happier workplaces for their residents of these buildings.

There are several conferences and presentations that are being given all around the United States and Wisconsin is no exception. There are several different resources and upcoming events that can be found at the United States Green Building Council ([USGBC](#)) website and the Wisconsin Green Building Alliance ([WGBA](#)) website.

In September, I have had the privilege to attend to several different conferences and presentations. On September 17, 2008, the [Sustainability and Energy Efficiency Leadership Conference](#) took place. On September 25, 2008, **DeWitt Ross & Stevens S.C.** and **Durrant** gave an excellent presentation entitled "Going Green without Going in the Red." Both of these two events brought up similar topics that are facing owners, developers, contractors and design professionals in the deciding whether or not to go green/sustainable. (It should be noted that these were green/sustainable buildings not necessarily LEED buildings; LEED buildings do get more recognition for being green/sustainable.) These topics included:

- Risks and benefits of sustainable buildings
- The rapidly changing real estate market
- Legal issues
- Financing
- Valuation and insurance
- Energy and Efficiency of sustainable buildings
- Design innovations

There is still a fair amount of skeptics and resistance to go green/sustainable in the building sector, but what I really enjoyed about both of these events, was that everyone was starting to take on to the **"green tsunami"** that was about to take place in our building market. Our decision as design professionals is to decide if we want to be "pioneers" or "settlers" in this upcoming green building world.

MEETING MINUTES

Submitted By: Manus McDevitt

The latest meeting minutes can be found by selecting the following links.

[Madison BOG Minutes 09-8-08](#)

Thanks. *Manus*

MEMBERSHIP

Submitted By: Dan Bergmann

We would like to congratulate **Brad Werlein** and **Adam Griffin** as our new ASHRAE members. Please help us to make them feel welcome to our organization.

Interested in becoming more active in the Madison ASHRAE chapter? Would you like an opportunity to interact and get to know more of our local members? If yes, the Membership committee is looking for volunteers. Anyone interested in being part of the Membership committee please contact **Dan Bergman** at danbergmann@mastershvac.com.

As always, we are continuing to update member's information. If your information has changed (for example: emails, work place, address, phone number, etc.), please either contact us or you can change it online. To change your information online go to www.ashrae.org, go to the "Members Tab" at the top left, click on "Manage Membership", and finally click "Address Change" in the center of the page. This will lead you to the link and you can update your information. Once again, if you send us your updated information, we are happy to take care of this for you, but we ask that you provide us with your member number, as we find that the process is accelerated when dealing with customer service.

Applications for new members can be filled out on line at www.ashrae.org, or I would be happy to email you an application. If you sign up online be sure to select the "Madison" ASHRAE chapter so you are assigned to the correct local chapter. If you know of anyone not receiving the Monthly INFORMAIRE please contact Mark Miller to be placed on the email distribution list.

	Aug 08	Sep 08
Members	259	261
Students	35	32
Delinquency	32	29

TREASURER

Submitted By: Matt Heil

The treasurer reports can be found through the links below.

[Madison Treasurer Budget 2008-Sep](#)

[Madison Treasurer Report 2008-7](#)

[Madison Treasurer Report 2008-8](#)

Matt Heil, P.E.

Treasurer

(608) 833-7000

SCHOLARSHIP HISTORY

Submitted By: Brian Winterle

The **Gustus L. Larson** Scholarship was initiated by ASHRAE in 1956, with administrative duties assigned to the Wisconsin Chapter. The purpose was to award scholarships to deserving students of Mechanical Engineering specializing in HVAC in honor of **Prof. Gustus L. Larson**. Prof. Larson was active in ASHAE and served as President in 1936. He was also a professor at the **University of Wisconsin** and served as Chair of the ME Department from 1920 to 1951. Lastly, he also served as an HVAC consultant on many prominent UW buildings that were constructed during his career.

At the time of initiation, Society authorized the Wisconsin Chapter to solicit, accept and invest funds for this scholarship as well as make scholarship awards. At the time, the Madison area was a part of the Wisconsin Chapter and many local members assisted with fund raising. Sometime in the late 1950's, Society officially turned over all aspects of this scholarship program to the Wisconsin Chapter.

After the Madison Chapter was formed in the early 1960's, administration and fund raising of this scholarship program became a joint effort between the Wisconsin and Madison Chapters. When **Mitch Hagen** first served on the Madison committee in the mid 1980's, funds were raised by each Chapter and turned over to the Wisconsin Chapter for investing. Committees from each Chapter met to select student recipients from the UW-Madison, Marquette Univ. and the Milwaukee School of Engineering. Funds were then disbursed to students at the various campuses by the Wisconsin Chapter.

In the early 1990's, Mitch rejoined the Madison committee, which at that time was chaired by **Charlie Fafard**. At about that same time, changes occurred in the operation of the Madison Chapter's Golf Outing, which led to many more dollars being available for Scholarships. It was also recognized at that time that graduates of the UW-Platteville engineering program were becoming commonplace in the Madison HVAC industry. Consequently, the Madison Chapter decided that scholarship program should be expanded to serve UW-Platteville engineering students.

The Wisconsin Chapter was not supportive of expanding the Gustus L. Larson Scholarship program, so the Madison Chapter started its own program to award scholarships to Platteville students. By the mid 1990's the Chapters agreed to separate their scholarship activities entirely. The Chapters agreed to award scholarships only to students attending qualified engineering programs within their own membership territories. Therefore, the Madison Chapter took over responsibility for awarding scholarships to UW-Madison students while also continuing to award scholarships to UW-Platteville students.

Over the years, various members of the Madison Chapter Scholarship Committee have had informal discussions about expanding the scholarship program to serve more students, possibly those with two-year associate degrees. Unfortunately, to date no further action has been taken in this regards.

ASHRAE WEBINAR

Submitted By: Brian Basken

ASHRAE has appointed **Dick Pearson** to be a Distinguished Lecturer. In this capacity, Dick is available to ASHRAE chapters throughout the US to provide a presentation on Energy Management and Sustainability. The presentation is unique in that it specifically targets actions by facility managers in the quest for lower utility costs and reduced global warming. Madison ASHRAE members heard it first last year.

Dick is also one of the presenters on the same topic at **IFMA's** "World Work Place" in Dallas on October 17.

Working with ASHRAE, Dick has expanded the basic Energy Management and Sustainability presentation into a more specific three-hour course. He will be presenting this course as an **ASHRAE Webinar** on **Wednesday, October 22**, and again at the ASHRAE International Convention in Chicago in January 2009.

For more information, please check out the following link:

www.ashrae.org/education/page/1892

ENERGY CENTER of WI

Submitted By: Robb Stone

Modern Heating Options

Tuesday, November 11, 2008 | Madison, WI

Attend this one-day training and learn how to make informed choices about your heating systems. This is a very practical training with real-world examples. Attendees will come with questions and leave with answers and solutions.

Benefits of attending

- Make improvements without spending a lot of money
- Figure out how to assess the current health of your heating system
- Understand the best places to spend money
- Learn about easy diagnostic tests that you can perform in 15 minutes

For more information or to register, visit www.ecw.org/university

Contact Kathryn Schiedermayer at kschiedermayer@ecw.org with your training questions.

ASHRAE ANNOUNCEMENTS

Submitted By: Mark Miller

ASHRAE has made a few announcements this past month, so a summary is provided for review. Search them out at www.ASHRAE.org for more details:

- **Eco-Roof Game Developed Through ASHRAE Grant**
- **New Professional Certification from ASHRAE Focuses on Facility Operations and Performance**
- **Inspection, Maintenance Requirements Outlined in New ASHRAE/ACCA Standard**
- **New Ventilation Design Requirements for Health Care Facilities Available from ASHRAE**
- **New Standard Provides Guidance on Testing Seismic Restraints for HVAC&R Equipment**
- **ASHRAE/IESNA Standard 90.1-2007 User's Manual Makes it Easier to Save Energy**
- **Changes Proposed for ASHRAE Standards, Guidelines**

MADISON ASHRAE CONTACTS

OFFICERS:

PRESIDENT:	Tim Meeker	meeker@jdreng.com
PRESIDENT-ELECT:	Robb Stone	stone@jdreng.com
TREASURER:	Matt Heil	mheil@henneman.com
SECRETARY:	Manus McDevitt	mmcdevitt@sustaineng.com
PAST PRESIDENT:	Gene Nelson	gcnelson@aeieng.com
BOARD OF GOVERNORS:	Mike Gall	MGall@mastershvac.com
	Sharon Gould	sgould@franklinenergy.com

COMMITTEES:

CRC DELEGATE:	Robb Stone	stone@jdreng.com
CRC ALTERNATE:	Matt Heil	mheil@henneman.com
CTTC:	Brian Basken	brian@pearsonengineering.com
PROGRAM:	Robb Stone	stone@jdreng.com
GAME:	Ellen Skorpinski	escorpinski@acscm.com
REFRIGERATION:	Tom Riley	rileylois7@yahoo.com
GOLF:	Michel Robert	MRobert@Mastershvac.com
	Doug Bergmann	DBergmann@mastershvac.com
HISTORIAN:	Farhan Khatri	fkhatri@erdman.com
MEMBERSHIP:	Dan Bergmann	DanBergmann@Mastershvac.com
NEWSLETTER:	Mark Miller	mark.miller@mail.ashrae.org
RESEARCH PROMOTION:	Gene Nelson	gcnelson@aeieng.com
SCHOLARSHIP:	Brian Winterle	bwinterle@pecllc.com
STUDENT ACTIVITIES:	Matt Koukl & Jim Kraus	MKoukl@Trane.com jkraus@fpm.wisc.edu
WEBMASTER:	Zach Obert	zacho@weccusa.org

PROGRAM SCHEDULE

	Topic	Location	Speaker (s)	Theme
Sep 8	Underfloor Air Distribution Systems	Quality Inn and Suites Fitchburg	Jack Geortner – Flexsys Underfloor/JCI	
Oct 13	LEED Project Tour	Erdman – One Erdman Place	Mike Meteyer	Student Activities & RP
Nov 10			Tom Durkin – Durkin & Villalta Partners Eng	Membership
Dec 9				Past Presidents
Jan 12	Project Tour	University Square	Rick Gilbertson - Potter Lawson Dave Smith - KJWW	Student Night
Feb 9	Variable Refrigerant Flow Systems	Masters Building Solutions		Refrigeration
Mar 9				CTTC
Apr 13				
May 11				
Jun 8	Golf Outing	Stoughton Country Club		Social

ASHRAE Madison Chapter
c/o Newsletter Editor
124 Harvest Circle
Oregon, WI 53575

(Address Correction Requested)

