

# INFORMAIRE

JOURNAL OF MADISON, WISCONSIN CHAPTER  
AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS

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November, 2003

## *In this Edition:*

Meeting Information	1	Historical Committee	4	Chapter Contacts	7
President's Message	2	Student Activities	6	Advertisers	8
BOG Meeting Minutes	3	Seminar Notice	6		
Resource Promotion	4	Program Schedule	7		

## NOVEMBER MEETING

Submitted by Tom James

**DATE:** Monday Evening, November 10th, 2003

**LOCATION:** **Great Dane Pub & Brewery**  
2980 Cahill Main, Fitchburg, WI 53711  
(Recommend parking in the upper lot behind the building)

**TIME:** 5:00 – 6:00 Tech Session, Manufacturer Displays and Social Gathering  
6:00 – 6:45 Dinner  
6:45 – 7:45 Presentation

**SPEAKER:** Mike Dovich - Regional Sales Manager Dri-Steem Humidifier Company

**TOPIC:** **HUMIDIFICATION OVERVIEW**

Mike Dovich is a 1988 graduate of the Dunwoody Institute in Minneapolis, MN. with a degree in HVAC Design and Technology. Has been with the Dri-Steem Humidifier Company since 1991 and is currently a regional sales manager. The discussion will highlight various components of current steam humidification design including: load sizing, energy sources, water types, controls, absorption, piping and placement. The Humidification Design Guide as published by the Dri-Steem Humidifier Company will be the basis for discussion.

### ***Please Choice Your Menu Selections (Pick one)***

- 1) Ale Battered Cod, Pub Fries, Side Salad
- 2) Brew House Ribeye, Mashed Potatoes, Garden Vegetables, Side Salad
- 3) Cherokee Sage Chicken, Pecan Wild Rice, Fresh Vegetables, Bourbon Brown Sugar Apples, Side Salad
- 4) Taliesin Vegetable Tart, Pecan Wild Rice, Fresh Vegetables, Side Salad

**RESERVATIONS:** Cost is \$20 for members and guests and \$1 for students. Pay at the door. Please make checks payable to Madison ASHRAE Chapter. Please **RSVP by Tuesday November 6<sup>th</sup>** to make reservations call Tom James at (608) 845-6411 or E-mail to [tjames@carnes.com](mailto:tjames@carnes.com).

The INFORMAIRE is the MONTHLY JOURNAL of the Madison, Wisconsin Chapter of the American Society of Heating, Refrigeration and Air Conditioning Engineers. Statements in the publication are not an expression of the Society of the Madison Chapter and may not be reproduced without written permission of the Board of Governors. Editor: Mark Miller, [mark.miller@mail.ashrae.org](mailto:mark.miller@mail.ashrae.org)

**PRESIDENT'S MESSAGE**

Submitted by: Mark Miller

Hello Chapter Members:

The Resource Promotion year concludes at the end of the calendar year, which Al Zeller has whole heartily jumped in to educate us on the value and many benefits of our financial contributions. Al has looked for ways to entertain us while increasing contributions to this important campaign. One area that Al has pointed out to the Board of Governors is how these funds are distributed locally. As published in the ASHRAE Research Report of October's Journal, three projects are being funded at the UW and Chad Dorgan of the Farnsworth Group is doing another project. This demonstrates the return of our membership contributions to our area through the Resource Promotion fund raising efforts. We should be proud of this as a Chapter and encourage continue local research. Keep this in mind as you hear from Al promoting the your contributions.

We are recognizing the major 2002-2003 Resource Promotion contributors at our December meeting at the Capitol Brewery. Plan on joining us to either receive or congratulate the past contributors at a great holiday venue.

The Board of Governors had the chance to meet with the Committee Chairpersons to learn more about each other's role as well as discuss the significance of the PAOE points. I would like to extend thanks to Planning Design Build for hosting our meeting and providing the resources to go over the web-site and learn more about the resources available under the volunteer section of ASHRAE Online. I believe it was valuable to learn more about the committee activities specifically Scholarship, Resource Promotion, the Website and TEGA. I think we initiated some ideas with the Committee Chairpersons as well as identified some items for the BOG to discuss and act upon in the next few months.

The future programs are listed later in the newsletter. We were unfortunately not able to provide the Oscar Mayer tour as refrigeration topic. We are still interested in finding a location that would host a tour with a refrigeration emphasis. If you have ideas, let Tom James, a BOG member or myself know, so we can make contact. Watch the upcoming program schedule as well as meeting minutes for future activities.

Hopefully we will see at the Great Dane Pub and Brewery.

*Mark F. Miller*- President, Madison Chapter

**BOARD OF GOVENORS MEETING MINUTES**

Submitted by: Chad Faber

Thursday September 30th, 2003, 4:50 PM

Attendees:

Mark Miller	President	Tom Benell	Member At Large
Tom James	President-Elect	Gene Nelson	Member At Large
Bruce Kimball	Treasurer	Doug Bergman	Past President
Chad Faber	Secretary		

1. Chapter President Mark Miller called the meeting to order at 4:50 pm.
2. August BOG meeting minutes were reviewed and accepted.

3. Budget
  - a. Goal is to make this years budget match last years expenditures.
  - b. Newsletter – not in budget, TSI has taken care of until this year. Mark Miller will take responsibility for fax and email.
  - c. Need to add a category for postage for newsletter, currently no money is budgeted.
  - d. Website
    - i. Ask Doug Bergmann to pursue using ASHRAE as a home for our website
    - ii. Make Doug Bergmann responsible for finding out if ASHRAE should be core host for website, possibly consult with Zack.
  - e. Regional Fund – In the past the chapter was responsible for all members, it has been changed to only those who are paid members.
  - f. Meetings – keep budget at \$1,200.00.
  - g. Speaker Gifts – it was agreed that there should be a gift for each speaker.
  - h. Gifts of recognition – to those in our chapter that have provided service over and above the ordinary.
  - i. Christmas Gifts – last year gift certificates were given out as door prizes.
  - j. Committee - \$100.00 to each committee.
  - k. Bruce Kimball proposed we keep a maximum of \$2,500.00 in checking. Keep a small amount in bonds and invest the rest in mutual funds.
  - l. Tom Benell suggested we consult Doug Bergmann and Michel Robert to talk about paying golf fees in advance.
4. Old Business
  - a. Golf Outing – needed over \$7,000.00, funds are financed.
  - b. Programs - Tom James went over schedule.
  - c. Chad Faber asked that Tom James look into asking Rick Malley from York present with Trox about underfloor air distribution.
  - d. Mark Miller will help with coordination of November meeting to try and coordinate lunch with the Mayor.
  - e. Resource Promotion – Al Zeller is going to try to implement a lottery; moving ahead with ideas.
  - f. Student Activities
    - i. Mark / Wayne Prior attended students first meeting – 9 attended
    - ii. Chapter paid for food and drink.
    - iii. Professor Sandy Klein will be taking over student bulletin board – asked for help from people in industry to get students involved.
  - g. Historian – Jeff Bolt is ahead of schedule with plan to submit for PAOE points for par.
  - h. Terry Riker – will be putting something into newsletter each month, so little column on the industry.
  - i. Membership – need to encourage Bob Donato to try and increase our involvement.
  - j. PAOE – Mark Miller would like to show all board members how to get into website.
  - k. Chad Faber proposed PLANNING Design Build, Inc. as meeting base.
  - l. Budget
    - i. Bruce Kimball to create budget and email to all members for approval.
    - ii. Bruce Kimball to have a rough draft complete in two weeks.
  - m. Website
5. New Business
  - a. Seminar
    - i. Possibly look into using company / firm to set up a whole seminar.
    - ii. Chad Faber to contact speaker that presented an ASHRAE show.
    - iii. Morning and afternoon session.
6. Next BOG Meeting
  - a. October 23, 2003 – meet at PLANNING Design Build, Inc. at 4:00 p.m.
  - b. Houlihans for dinner / drinks
7. Meeting Adjourned 6:00 p.m.

**October Meeting Review:**

The October meeting was student night and was held at Union South on Campus and the topic was University of Wisconsin Student Projects. The meeting began with Wayne Prior welcoming all the students.

Mike Gall our TEGA committee chair gave a brief overview of the TEGA committee and explained his goals for the upcoming year.

This was followed by the presentations from the two UW students. Brandon Lachner currently a graduate student who presented an investigation of the use of water as a refrigerant. He compared the cycle to that of using R-134a and showed the pros and cons. He determined that although at first glance water seems to be a good refrigerant it is not economically feasible when you weigh all the options.

Part two of the meeting was a presentation given by Nathan Hoffenbecker also a graduate student. His presentation investigated alternate defrost strategies, in which he focused on hot gas defrost.

The meeting was wrapped up with a raffle. Al Zeller our Resource Promotions Chair started a 50/50 raffle, which will be held at each monthly meeting. The proceeds will go to his committee. The first winner was Thomas Benell. Congratulations Tom and as always additional donations are welcome. Keep up the good work Al.

Thank you to the all students for participating in this meeting.

*Chad Faber, Chapter Secretary*

**RESOURCE PROMOTION**

Submitted By: Al Zeller

**December will be Donor Recognition Meeting:**

Each of the following Donors to Resource Promotion for ASHRAE Fiscal 2002-2003 (7/1/02-6/30/03) will receive a Commemorative Coin/Holder:

**Major Donors:**

**\$1,000**

Charles and Joan Dorgan  
Hooper Foundation  
Research Products Corporation

**\$500**

Affiliated Engineers Inc.  
Heating Piping Cooling Council – Madison  
The Trane Company – Madison

**\$250-\$350**

Temperature Systems Inc. – Madison  
Carnes Company Inc. - Verona  
Marshall Erdman & Associates  
Pearson Engineering

**Honor Roll: (Minimum \$150-Inst)**

Arnold & O'Sheridan, Inc.  
H & H Industries Inc.  
Hunzicker-Riley Inc.  
Prior Engineering Services

**Honor Roll: (Minimum \$100-Ind)**

Sanford A. Klein  
Thomas E. Malesevich  
Richard A. Thompson  
Alan R. Zeller

**A special Thank You to all of the smaller donors!!!**

This years Resource Promotion Committee will be contacting members who have not contributed in the last 5 years during the months of November and December. Please reconsider a tax deductible donation to a worthwhile cause from which we all benefit.

**INFORMAIRE**

This years committee members are Corey Cook, Dan Dehnert, Ken Hunzicker, Phil Van Styn, and Tim Wendt.

Get your contributions in. Use this form to make it easier to make your contribution.

Al Zeller, Resource Promotion Committee,  
241-9342, [azeller@capitolmechanical.com](mailto:azeller@capitolmechanical.com)

Mail Check To: <b>ASHRAE RESOURCE PROMOTION</b> c/o Al Zeller 6107 Exchange Street McFarland, WI 53558	<b>You can designate where your contribution goes:</b> _____ Research      _____ Learning Institute <small>*Individual contributions of \$100 or more and Corporate contributions of \$150 or more receive this year's William Holladay Commemorative Coin and Honor Roll Contribution status.</small>										
Name: _____											
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**HISTORICAL COMMITTEE** Submitted By: Jeff Bolt

We are still looking for company histories for distribution our membership. As you saw last month, they can be simple, straight forward and without a lot of elaborate publishing detail. Histories can very powerful opportunities to advertise and marketing your company or business. Grab your history in from an anniversary publication, newsletter, employee handbook or website. Forward your histories to me or directly to Mark Miller for distribution.

*Jeff Bolt*, Historical Committee Chairman

**STUDENT ACTIVITIES** Submitted By: Wayne Prior

We are still looking for old ASHRAE handbooks for donating to student members. Look through your archives and concede to giving them up to our next leaders in our profession. If you have manuals, please contact me, Wayne Prior at 608-288-8338 or E-Mail at [prioreng@mcleodusa.net](mailto:prioreng@mcleodusa.net)  
Thank you for your help.

**SEMINAR NOTICE** Submitted By: Mark Miller

## INFORMAIRE

See the attached final announcement for the humidity seminar in our neighboring Chapter of La Crosse. The opportunity to hear from several notable professionals at one location is an event to consider.

### PROGRAM SCHEDULE

Submitted By: Tom James

	Topic	Location	Presenter	
<b>Nov 10</b>	Humidification Overview	Great Dane Pub and Brewery, Fitchburg	Mike Dovich, Dri-Steem Humidifier	
<b>Dec 8</b>	Holiday Party	Capital Brewery	TBA	Resource Promotion
<b>Jan 12</b>	To Be Revised	TBA	TBA	
<b>Feb 9</b>	Underfloor Air Distribution	TBA	Trox & York Representatives	
<b>Mar 8</b>	ASPE Joint Meeting - Commissioning (Tentative)	TBA	TBA	Student
<b>Apr 12</b>	Green Buildings - Or Noise & Vibration Control	TBA	TBA	
<b>May 10</b>	Ice Storage Systems	Airport Tour (Tentative)	TBA	

### CHAPTER CONTACTS

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<b>TEGA:</b>	Mike Gall	608/838-8200	608/838-6015	<a href="mailto:mgall@trane.com">mgall@trane.com</a>

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[mark.miller@mail.ashrae.org](mailto:mark.miller@mail.ashrae.org)

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