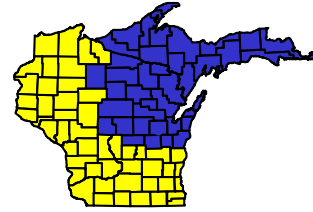




Northeast Wisconsin Chapter #107 January 2012



Chapter BOG Officers

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Chapter Committee Chairs

Chapter Programs

Ryan Macario

History Chair

Membership Promotion

Joe Dettlaff

Research Promotion

Tilak Andhole

Student Activities

TEGA

Dale Pearson

Refrigeration

Dave Schaefer

Homepage Editor

Gordy Jacobs

Other BOG

Steve Marthaler
David Carter
Tina Brueckner

***Note; You do not need to be a BOG member to participate as a chapter committee chair

President's Message

Happy 2012!! I hope everyone had a safe and happy holiday season. In December we had our annual holiday dinner. I was not able to attend, but I was told that accommodations were very nice and everyone enjoyed the event.

We are excited to be having Wane Baker from MICHAELS ENGINEERING speaking on Humidity and Dewpoint Control as it relates to indoor air quality. This event is on January 10th at 11:30 at the Swan Club in De Pere.

All of the events are now available for registration through the website. I encourage everyone to register early for the March all day seminar. We would like to have an estimate on the number of attendees so we can work on accommodations.

This year we will be sponsoring a booth at The Einstein Project Science Expo on January 14th from 9:00 a.m. – 4 p.m. at Shopko Hall. This event attracts more the 4,000 area youth. This is a great opportunity to educate them on the science behind our industry. We are in need of six (6) volunteers to work the booth in teams of two for 2-1/2 hour shifts. If you can work the booth please email Dale Pearson at dpearson@facility-engineering.com.

The chapter has decided to offer \$100 to any member who is attending the CRC this spring in Minnesota. If you are interested in receiving the \$100 you will need to send a copy of your registration to Matt Veriha. This is an opportunity for our chapter to help promote attendance at this great event.

We are in need of volunteers to help support our chapter level committee chairs. As you can see from the list of committee chairs, we have two open chapter level committee chairs. If you're interested in becoming an active member of the NEW Chapter of ASHRAE and would like to become a future officer or would like to fill a chapter level committee chair, refer to "Become an ASHRAE Volunteer" page in this Newsletter and feel free to contact any of your Chapter Officers or Board of Governors and ask how you can "Get involved".



American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc.

Please forward this email to any of your co-workers or friends that you feel would be interested in becoming a member of ASHRAE or in attending one of our meetings.

Ryan J. Macario --- President, NEW ASHRAE Chapter

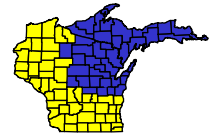


ASHRAE 2012
Region VI CRC
May 3-5, 2012





Northeast Wisconsin Chapter – ASHRAE
2011-2012 Schedule of Events



Sustaining ASHRAE Through Leadership

Date	Time	Topic	Location	Speaker
Sept. 20, 2011	11:30 AM – 1:30 PM	Demand Control Ventilatio	Swan Club, De Pere	Joe Dettlaff
Oct. 19, 2011	11:00 PM – 2:00 PM	Wisconsin Building Code Refresher	Liberty Hall, Kimberly	Randall Dahmen
Nov. 8, 2011	11:30 AM – 1:30 PM	Utility Metering	Liberty Hall, Kimberly	Kimberly Barker
Dec. 13, 2011	Happy Hour: 6-7:00 PM Dinner: 7:00 PM	Holiday Dinner (Past President's Dinner)	Mark's East Side, Appleton	-
Jan. 10, 2012	11:30 AM – 1:30 PM	Indoor Air Quality	Swan Club, De Pere	Wane Baker
Feb. 14, 2012	3:00 PM – 5:00 PM	Plant Tour & Presentation Energy Recovery / Heat Recovery	Greenheck, Schofield	Jackson Smith
March 13, 2012	8:00 AM – 4:00 PM	Hot Water / Green Energy	Bemis Center, SNC-De Pere	Dan Holohan
April 10, 2012	4:00 PM – 7:00 PM	Tour of UW Oshkosh New Academic Building	UW Oshkosh, Oshkosh	Joe Dettlaff
May 3 – 5, 2012	All Day Events	CRC	Mall of America – Bloomington, MN	
May 23, 2012	12:00 PM – 7:00 PM	Annual Golf Outing	Royal St. Patricks – Wrightstown	



January Meeting

January Meeting Agenda:

- Presentation – Humidity and Dewpoint Control
- Lunch
- Business Meeting
 1. Introductions
 2. Chapter Business
 - a. Chapter Activities
 - b. Future Meeting Plans
 3. Minutes
 4. Treasurer's Report
 5. Adjournment

January Meeting Topic:

Date: *Tuesday, January 10, 2012*

Time: *11:30 a.m. – 1:30 p.m.*

Registration begins at 11:15 a.m. and we will have the presentation starting at 11:30, with lunch and a business meeting after the presentation.

Location: *Swan Club
De Pere, WI*

Cost: *\$15.00 for Members and
Non Members
Students free*

RSVP REQUIRED:

Please RSVP by using on-line registration at www.newwisconsinashrae.org or to Kevin Weber to attend.

Email: kevin@webersaleshvac.com

Wane Baker, P.E., CIH MICHAELS ENGINEERING

A graduate of the University of Minnesota's Institute of Technology, Mr. Baker is a licensed Professional Engineer (P.E.) and Certified Industrial Hygienist (CIH) with more than 30 years of professional experience in environmental consulting, construction and energy conservation. Wane has worked as an air quality professional on a full-time basis for the last 20 years, providing a unique combination of education, training and experience as a forensic engineer, building scientist and occupational hygienist.

Wane currently serves as Vice-Chair of the AIHA IEQ Committee, a voting member of ASHRAE's Environmental Health Committee, and Director of the Milwaukee Chapter of the IAQA.



From ASHRAE Society

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.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.



Become an ASHRAE volunteer

Volunteering within ASHRAE provides you with a single resource for keeping up with technical advances in the industry. By volunteering, you gain direct access to new technology, technical information available that is universally recognized as authoritative and reliable and you influence the direction of HVAC&R technology.

Volunteering also provides unique opportunities to develop communication, management and leadership skills. Because ASHRAE is a volunteer-driven organization, you cannot turn to a better source for human resource development. ASHRAE offers countless opportunities for developing potential through volunteer work on a committee or at the chapter level. Benefits of volunteering include:

- Strengthening leadership skills
- Improving technical skills and the ability to work on technical issues
- Networking
- Accessibility to resources
- Self-development and sharing of ideas

How strong is the ASHRAE volunteer network? ASHRAE has a membership of some 50,000 people from 137 countries around the world. Of those members, approximately 7,500 are active volunteers. About 2,500 Society-level volunteers serve on the Board of Directors, councils, standing committees, technical committees, standard project committees, etc., and an additional 5,000 or so serve in the regional and chapter structures. Assuming (conservatively) that each volunteer contributes an average of two hours a week, that would be 100 hours a year. Then, of course, 100 hours a year times the 7,500 volunteers gives us 750,000 person hours a year volunteer time. At a time value of \$100 per hour, that's an annual value of \$75 million.

Clearly, ASHRAE depends on its volunteers for its continued success in advancing HVAC&R to serve humanity and promote a sustainable world.

Volunteer for your Chapter

With more than [170 chapters](#) around the world, volunteering at the chapter level is one of the easiest ways to take part in ASHRAE. Volunteering at the chapter level helps you develop a better understanding of how the Society functions and how to receive the most benefit from your membership while contributing to the growth of ASHRAE. For more information on how to volunteer at the chapter level, contact Steve Marthaler at 920-739-6885, or any Chapter Officer.