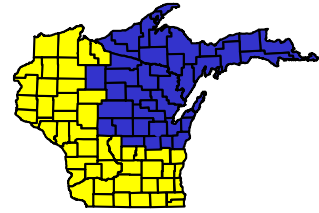




American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc.

# Northeast Wisconsin Chapter #107 February 2012



## **Chapter BOG Officers**

### **President**

Ryan Macario  
920-831-3821  
[Ryan.J.Macario@jci.com](mailto:Ryan.J.Macario@jci.com)

### **Vice President**

Kevin Weber  
920-757-0300  
[Kevin@webersaleshvac.com](mailto:Kevin@webersaleshvac.com)

### **Secretary**

Matt Veriha  
920-432-4865  
[Mveriha@bsagb.com](mailto:Mveriha@bsagb.com)

### **Treasurer**

Rob Shepherd  
920-405-8822  
[rshepherd@vyron.com](mailto:rshepherd@vyron.com)

## **Chapter Committee Chairs**

### **Chapter Programs**

Ryan Macario

### **History Chair**

Steve Marthaler

### **Membership Promotion**

Joe Dettlaff

### **Research Promotion**

Tilak Andhole

### **Student Activities**

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### **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

Thank you to Wane Baker for speaking at our January event. Wane gave an excellent presentation on indoor air quality as it relates specifically to humidity levels.

This month we will be doing a plant tour and presentation at Greenheck in Schofield. Marc Sorge and Scott Laurila from Greenheck will be leading the presentation and tour. The event will be from 3 p.m. – 5 p.m. and will **not** include a dinner. We will meet at building 9.

The registrations are starting to come in for our all day seminar on March 13<sup>th</sup>. If you haven't done so yet, please give consideration to attending the event. Dan Holohan will be speaking on Hot Water and Green Energy. I am confident you will find the event both entertaining and educational.

I would like to announce that Joe Wittlin, from Johnson Controls, has accepted the position of treasurer for 2012-2013. I would also like to thank Steve Marthaler for accepting the position of History Chair.

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".



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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



## January Meeting Minutes

January Meeting notes:

- Meeting called to order at 1:20
- May golf outing moved to the 30th.
- There are additional volunteer spots available for the Science Expo on the 14th.  
Volunteers to contact Dale.
- Next month's meeting on the 14th will be at Greenheck.
- March seminar at St. Norbert is confirmed. Sign up with Kevin Weber ASAP.
- Anyone attending the CRC in Minnesota will receive \$100 from our chapter. Receipt to be turned in to Matt Veriha.

Treasurer report:

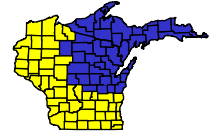
\$23,456.39 in checking  
\$17,275.05 in investment  
\$100 petty cash.

Meeting adjourned at 1:24



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**Northeast Wisconsin Chapter – ASHRAE  
2011-2012 Schedule of Events**



**Sustaining ASHRAE Through Leadership**

<b>Date</b>	<b>Time</b>	<b>Topic</b>	<b>Location</b>	<b>Speaker</b>
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	<b>Happy Hour: 6-7:00 PM Dinner: 7:00 PM</b>	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	<b>All Day Events</b>	CRC	Mall of America – Bloomington, MN	
May 30, 2012	12:00 PM – 7:00 PM	Annual Golf Outing	Royal St. Patricks – Wrightstown	



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**February Meeting**

**February Meeting Agenda:**

- Energy Recovery / Heat Recovery
- Plant tour and presentation.
- Business Meeting
  1. Introductions
  2. Chapter Business
    - a. Chapter Activities
    - b. Future Meeting Plans
  3. Minutes
  4. Treasurer's Report
  5. Adjournment

**February Meeting Topic:**

**Date:** *Tuesday, February 14, 2012*

**Time:** *3:00 p.m. – 5:00 p.m.*

This event will consist of a plant tour and presentation.

**Location:** *Greenheck  
Schofield, WI*

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

**RSVP REQUIRED:**

Please RSVP by using on-line registration at [www.newwisconsinashrae.org](http://www.newwisconsinashrae.org) or to Kevin Weber to attend.

Email: [kevin@webersaleshvac.com](mailto:kevin@webersaleshvac.com)



**Mr. Marc Sorge – Product Manager – Tempered Air Products Greenheck**

Marc Sorge is Greenheck's Product Manager for the Tempered Air Products Division. Mr. Sorge has over 14 years of experience in the Energy Recovery, Make Up Air and Industrial Space Heating Industries while at Greenheck. Marc has been involved in the design, application and installation of Make Up Air and Energy Recovery systems for the last 8 years. From 1999 to 2003 Marc was a key member of the direct gas fired certification team at Greenheck. This team was responsible for re-certifying Greenheck's entire direct gas fired product line due to the adoption of the revised ANSI Z83.4 and Z83.18 standards. Currently Mr. Sorge's focus has shifted to energy efficient products such as rooftop systems with integral energy recovery devices, furnace efficiency, and rooftop system controls.



**Mr. Scott Laurila – Product Application Manager – Tempered Air Products Greenheck**

Scott Laurila is the Product Application Manager for the Tempered Air Products Division. Mr. Laurila has seven years of experience in the Energy Recovery and Make-up Air departments at Greenheck with responsibilities in the areas of technical and application support, new product development, and product sales and marketing. Scott holds a Bachelor's degree in Mechanical Engineering from the University of Wisconsin – Madison.



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## From ASHRAE Society

ASHRAE Recognizes Outstanding HVAC&R Industry Achievements

CHICAGO— Thirty-six people are being recognized by ASHRAE for their contributions to the Society and the building industry at the Society's 2012 Winter Conference held here Jan. 21-25.

The Hall of Fame, honors deceased members of the Society who have made milestone contributions to the growth of HVAC&R technology.

The recipient is Presidential Member Roderick Kirkwood, Fellow ASHRAE, Life Member.

Fellow ASHRAE is a membership grade that recognizes distinction in the arts and sciences of environmental technology and is earned through achievement as a researcher, designer, educator or engineering executive. The Society elevated 13 members to the grade of Fellow ASHRAE:

- Constantinos Balaras is research director, Institute for Environmental Research and Sustainable Development, National Observatory of Athens, Greece.
- Van Baxter is senior research and development engineer, Oak Ridge National Laboratory, Oak Ridge, Tenn.
- Vin Gupta is senior principal engineer, 3M Company, St. Paul, Minn.
- Mark Modera is professor, civil environmental engineering, mechanical and aerospace engineering, and director, Western Cooling Efficiency Center, University of California at Davis.
- Darin Nutter is associate professor of mechanical engineering, University of Arkansas, Fayetteville.
- Tom Phoenix is principal and vice president, Moser Mayer Phoenix Associates, Greensboro, N.C.
- Arshad Sheikh is owner/principal consultant, SES Consulting Engineers, Lahore, Pakistan.
- Edward Vineyard is group leader, building equipment research, Oak Ridge National Laboratory, Oak Ridge, Tenn.
- Iain Walker is scientist, Lawrence Berkeley National Laboratory, Berkeley, Calif.
- Brian Warwicker is consultant, Brian Warwicker Partnership, Ltd., London, U.K.
- Bill Worek is professor and director, Energy Technology Laboratory, University of Illinois-Chicago
- Xudong Yang is Chang-Jiang professor and deputy director, Institute of Built Environment, School of Architecture, Tsinghua University, Beijing, China
- Jianshun Zhang is professor and director, building energy and environmental systems lab, department of mechanical engineering and aerospace engineering, Syracuse University, Syracuse, N.Y.

The ASHRAE Technology Awards recognize outstanding achievements by members who have successfully applied innovative building designs, which incorporate ASHRAE standards for effective energy management and indoor air quality. Six projects received first-place ASHRAE

Technology Awards:

- Roland Charneux, P.Eng., ASHRAE Fellow, ASHRAE Certified Healthcare Facility Design



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Professional, Pageau Morel & Associates, Montreal, Quebec, Canada in the new commercial buildings category for Mountain Equipment Co-op, Longueuil, Quebec, Canada. The building is owned by the co-op

- Ken Sonmor, Ecovision Consulting, Montreal, Quebec, Canada in the existing commercial buildings category for the IKEA Brossard Distribution Center, Quebec, Canada. The building is owned by IKEA Distribution Services.

- René Dansereau, Dessau, Longueuil, Quebec, Canada the new educational facilities category for the Université de Sherbrooke—Campus de Longueuil, Quebec, Canada. The building is owned by the university.

- Paul Marmion, Stantec Consulting, Ltd., Vancouver, British Columbia, Canada in the new health care facilities category for Abbotsford Regional Hospital and Cancer Centre, British Columbia, Canada. The building is sponsored by Laing Investments Management Services and owned by the hospital.

- Blake Ellis, P.E., Burns & McDonnell, Kansas City, Mo. in the new industrial facilities or professions category for thermal energy storage at Texas Medical Center, Houston, Texas. The owner is Thermal Energy Corp.

- Luc Simard, Compressor Systems Control (CSC), Inc., Les Coteaux, Quebec, Canada in the existing industrial facilities or professions category for the Arena Marcel Dutil, St-Gédéon-de-Beauce, Quebec, Canada. The building is owned by the Municipalité St-Gédéon-de-Beauce.

The ASHRAE Student Design Project Competition challenged teams of students to create an integrated sustainable building design as well as select and design HVAC&R systems for the Drake Well Museum located in Titusville, Pa., the site where Edwin L. Drake drilled the world's first oil well in 1859 and launched the modern petroleum industry. First place in HVAC System Design is awarded to Holly Brink, Michael Crabb, James Dougherty, Andrew Gilliam and Gina Halbom of University of Nebraska-Omaha. First place in HVAC System Selection is awarded to Lynn Gualtieri, Evan Oda, Kristin Porter, Navid Saidnia, Jeffrey Wong and Cameron Young of California Polytechnic State University, San Luis Obispo, Calif. First place in the Integrated Sustainable Building Design is awarded to Qi Te, Zhang Qiqi and Chen Yuanyi of Tianjin University, China.

The John F. James International Award is given to an ASHRAE member who has done the most to enhance the Society's international presence. The recipient is Edward Ka Cheung Tsui, managing director, Intelligent Technologies, Ltd., Hong Kong, Hong Kong.

The E.K. Campbell Award honors outstanding achievements by engineering educators and is presented by the ASHRAE Life Members Club. The recipient is Wayne Helmer, Ph.D., P.E., professor of mechanical engineering, Arkansas Tech University, Russellville, Ark.

ASHRAE, founded in 1894, is a building technology society with 52,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality and sustainability within the industry. Through research, standards writing, publishing and continuing education, ASHRAE shapes tomorrow's built environment today.



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## **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.