



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

Dayton Chapter
PO Box 3202 Dayton, OH 45401
<http://www.daytonashrae.org>

Region V
Chapter Regional Conference
Indianapolis, Indiana
August 11-13, 2011



Thursday, August 11: Golf by Registration 1—6 PM
Welcome reception, 6:15-7:45 PM
Friday, August 12: General Business 7:30-11:15
President's Lunch: 11:30-1 PM
Technical Session and Tour, 1-4 PM
Saturday, August 13: Chapter Operation Workshops, 8-11 AM
Awards Lunch, 11:15-1:15
General Business 1:15-2:30 PM
Go to indyashrae.org to register!

See page 2 for info on Chapter expense support.

COMING EVENTS:

- ◆ **Region 5 Chapters Regional Conference:**
August 12-13, 2011, Indianapolis indyashrae.org
- ◆ **Dayton ASHRAE BOG Meeting — August 18, 2011**
8 AM Heapy Engineering

ASHRAE

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President's Monthly Brief:



We made it through the spring's monsoons, July's heat wave and here we are in August... **are you ready for some football????**

On Aug 11th in Indianapolis, the 13 chapters in our area will meet for the Chapter Regional Conference. All of our chapter officers will be there learning what to expect from our new roles for the coming year. The CRC is open to any member and there are some great presentations on Friday and Saturday. If you have any interest in attending, please see the included information in the newsletter. **The chapter will reimburse any Dayton members' registration fees.**

I'd like to thank the folks at Heapy Engineering for hosting the 6th Annual Green Expo! It was a great time with its many vendors and attendees. Congratulations to Heapy for earning LEED Platinum for Existing Buildings!

Mark your calendars for September 12th for the YEA lunch meeting. This special lunch is free to all Members 35 and younger but all can attend. The presentation is on Variable Refrigerant Flow systems by Matt Rash with Mitsubishi. I hope to see all of our young engineer members on the 12th!

Steve Meier

President, Dayton ASHRAE



Check out

The Student Zone

on page 4!



Research Promotion Notes: Dayton Chapter sets new HIGH in Research Contributions in 2010-2011:

\$12,193.94

Donation form on page 8 for 2011-2012!



Inside Sales Engineer (Cincinnati)

Inside Sales Engineering position is an entry level position to support both internal and external customers.

Bachelor's Degree in Engineering required. Position will provide technical support and pricing to customers for Habegger represented products. Career path for this particular position would lead to an outside Sales Engineer position calling on contractors, consulting engineers, and owners in local market. Recent college graduate or minimal industry experience acceptable.

Sales Engineer Focused on Consulting Engineers and Owners (Cincinnati and Dayton Coverage Area)

Position will provide application and design support for Habegger represented products to consulting engineering firms. This position will also actively call on end users to understand their business needs and provide HVAC equipment solutions. Sales activities will include: Lunch and learn presentations, customer training, customer events, and factory trips. Design experience with applied/commercial HVAC products desired.

Commercial Service Manager (Cincinnati and Dayton Coverage Area)

Provide Technical Support for complete line of Commercial HVAC products and controls including chillers and air handling units. Facilitating resolutions to customer issues including product warranty. Assisting in the development and presentation of formal training programs for customers and internal personnel.

Please refer inquires to:

Brian Isaacs at brianisaacs@habeggercorp.com. Phone 513-612-4739.



Interested in a committee assignment with Dayton ASHRAE? Contact President Steve Meier at 573-3072 or smeier@watkem.com. You'll be glad you did!

The Student Zone



Student Chapters Need Speakers

Student chapters at both the University of Dayton and Sinclair Community College are looking for speakers for their 2011-2012 programs. If you have something to share, contact:

Brad.turnwald@gmail.com (UD) or
Russell.marcks@sinclair.edu (SCC)

Students Need Books!

So you just got your new Applications Handbook and are wondering what to do with the old one? Donate it to a current college student—bring it to the next ASHRAE meeting—we'll make sure a deserving student benefits!



**ASHRAE has certified more than 1,000
HVAC professionals.**

Are you one of them?



ASHRAE offers the most prestigious certification program in the industry.

Building Energy Assessment Professional - BEAP
Building Energy Modeling Professional - BEMP
Commissioning Process Management Professional - CPMP
Healthcare Facility Design Professional - HFDP
High-Performance Building Design Professional - HBDP
Operations & Performance Management Professional - OPMP

ASHRAE selects experts to write its certification exams, which test understanding of the associated bodies of knowledge. Courses on related topics are offered by ASHRAE to bring you up to date, but are not required.

Names and firms of all certification earners are listed on the ASHRAE website and earners are permitted to use ASHRAE's certification credentials with their names and on company websites.

Earn recognition for your knowledge and expertise. Be ASHRAE Certified.

Learn more at www.ashrae.org/certification.



Dayton ASHRAE Needs You!

Wanted: Individual to work with current Research Promotion Chair (Dennis Lammlein) with the goal of becoming RP Chair in the future.

Qualifications: Willingness to talk to members about contributing to ASHRAE Research.

Wanted: Webmaster for the Dayton ASHRAE Website to take over from Russ Marcks.

Qualifications: Ability to use web authoring software to update and freshen the website and add new, interactive features desired by members.

Each of these positions requires just a few hours a month. Please contact President Steve Meier (smeier@watkem.com) or any Board Member (see page 2 for directory).



Employers



Have a Job to Fill?

Advertise in your Dayton ASHRAE Newsletter and on the Dayton ASHRAE Website.

Insert a business-card size ad for \$20 a month or \$100 a year.

All proceeds to Dayton ASHRAE Scholarship Fund.

Send ad copy to : Lorraine.Kapka@Sinclair.edu

Dayton ASHRAE Members

Need a Job?

Submit your profile to your Dayton ASHRAE Newsletter.

We'll print it for FREE!

Limited to 250 words plus contact information.

Send ad copy to : Lorraine.Kapka@Sinclair.edu

Volunteers Needed

Ready to Give Back to YOUR Industry?

Dayton ASHRAE needs members to work on committees.

Contact Steve Meier at:
smeier@watkem.com

2011-2012 ASHRAE RESEARCH Dayton ASHRAE

Contribution Form



2010-2011 saw ASHRAE continue its leadership in developing standards and guidance for the design, operation and maintenance of healthy, energy-efficient buildings. The Dayton Chapter again met their goal to raise money for research, setting a new high. Research dollars help fund the science behind the handbooks and standards, making sure that guidance has a solid foundation.

This industry gives all of us our livelihood. ASHRAE's research and educational programs are what keeps our industry and profession on the leading edge and assures its continued existence. Confident that you will recognize the benefits of this investment, I am asking you to help fund future HVAC&R research and development. Together, we can all make a difference!

Amount enclosed: ___ \$250 ___ \$150 ___ \$100 ___ \$50 ___ Other (specify) _____

Name: _____

Address: _____

Phone Number: _____

Member Number (If known): _____

Donation in memory of: _____

Do you want to be recognized in the Dayton newsletter as a contributor? (circle) YES NO

Mail completed form with your check, payable to ASHRAE Research to:

Denny Lammlein
29 Sandelwood Street
Springboro, OH 45066

Invest in the Future:

Support ASHRAE Research!



For Release:
Contact: Jodi Scott, Public Relations
678-539-1140
jscott@ashrae.org

July 26, 2011

What is Energy Use Intensity? ASHRAE Seeks to Define, Educate

ATLANTA – While the importance of building energy performance metrics to reduce energy use is accepted worldwide, there is no single generally accepted definition of that metric. Currently, proposed relative energy use reduction targets are subject to interpretation and difficult to verify. Under a new initiative, ASHRAE is working to define one clear, logical metric to move the building industry toward producing net zero energy buildings by 2030. The U.S. Congress has mandated a series of relative fossil fuel energy use reductions in federal buildings ending in a 100 percent reduction of fossil fuel energy by 2030. Congress is considering applying similar relative energy use reductions in all buildings through the use of building energy codes adopted by state and local government.

“We must address buildings as entire living entities,” ASHRAE President Ron Jarnagin said. “As such, we need to establish energy targets for building design that provide a total building energy use goal to strive toward that can subsequently drive the development and application of any number of prescriptive solutions.”

A forum seeking input on the energy target initiative was held at ASHRAE’s 2011 Annual Conference in Montreal, June 25-29. Also, ASHRAE has developed a public policy brief asking Congress to foster collaboration among the U.S. Department of Energy, the National Institute of Standards and Technology and the U.S. Environmental Protection Agency and ASHRAE along with partner organizations to:

- Establish a single objective definition of energy use intensity (EUI) for the design of commercial buildings
- Determine a single objective baseline EUI for design of commercial buildings from which to measure relative energy use reductions
- Create a performance environment that will support reduction in energy consumption associated with all loads in commercial buildings
- Identify a single objective set of commercial building types and simulation models for establishment of target design EUIs
- Produce one set of design target EUIs for the commercial building sector to guide the development of future energy codes and standards and building energy codes adopted by state and local government

“EUIs are very helpful for setting performance-based design goals,” Jarnagin said. “The current focus on reduction of energy use in building stock has made the use of EUIs popular by governmental organizations, non-government organizations and building industry groups, including ASHRAE. Given that there is no clear single definition for EUIs, comparing one organization’s EUI goals to another’s is confusing, particularly since everyone tends to use the same units, kBtu/ft²-yr. Our goal is to develop and promote technical tools to assist the commercial building design and construction industry in moving toward higher performing buildings. Defining design energy use targets is a large part of achieving that goal.”

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



The Official Jobs Board for the American Society of
Heating, Refrigerating and Air-Conditioning Engineers

Welcome to ASHRAEJobs.com
Your source for HVACR Engineering Careers



ASHRAE jobs



Dayton Chapter ASHRAE

<http://www.daytonashrae.org>

Membership Application and Roster Information 2011 - 2012

Your Name			Your Company Name		
Home Address			Business Address		
City	State	Zip	City	State	Zip
() -			() -	() -	
Home Phone	Spouse Name		Business Phone	Ext.	Fax Number
Home e-mail address			Business e-mail address		

SEND NEWSLETTER TO: Home Address Home email address Business Address Business email address

I prefer Lunch Meetings I prefer Dinner Meetings I have no preference

Chapter achievements are accomplished through active committee involvement. If you would like to promote your Society by serving as a committee chair or assist on one of the chapter committees, please indicate in which committee you are interested below. Please indicate your first preference by number 1 and so on.

- Education
 Membership
 Research
 Historian
 Newsletter
 Chapter Office
 CTTC (Refrigeration; Technical, Energy & Government; Programs)
 Golf Outing
 Communication
 Holiday Party
 Honors & Awards

Please Select Your Preferred Roster Affiliation

Consultant **Contractor** **Industry/Government** **Retired**
Education **Student:** School _____ Degree _____ Approximate Graduation Date _____

Wholesalers, Manufacturer's Rep/Sales Offices, Fill in trade names of products you represent below

Air Devices	Louvers and Dampers
Air Handlers	Make-Up Air Units
Boilers	Packaged A/C
Building Automation	Pre-Insulated Pipe
Chillers	Pumps
Coils	Sound Attenuation
Computer Room Equipment	Steam Specialties
Cooling Towers	Air Terminal Units
Ductwork	Thermal Storage
Dust Collection	Unit Heaters
Fans	Unit Ventilators
Fan Coil Units	Vibration Isolators
Filtration	Valves
Heat Exchangers	Variable Speed Drives
Heating Equipment	Water Source Heat Pumps
Humidity Control	Water Treatment
Kitchen, Laboratory Fume Hoods	Other

*Dayton Chapter ASHRAE dues for the Society year beginning July 1, 2011 and ending June 30, 2012 are \$95 per year. Dayton Chapter ASHRAE dues include 6 dinner/lunch meetings, and both you and a guest for the holiday event. * Note: Be sure to begin paying Local dues when you pay your National Dues.*

Please return this application and a check or money order in the amount of \$95 made payable to Dayton ASHRAE to:

DAYTON ASHRAE, PO Box 3202, Dayton, OH. 45401

Paid local dues with your annual dues? Please return the form anyway!