Mark Your Calendars

May 20th
Board of Governor’s, 10am, Heapy Engineering

May 20th
ASHRAE President-Elect ‘Making Connections’ 11:30a-1:00p

June 12th
Golf Outing
Troy Country Club 9:00am—2:00pm

June 17th
Board of Governor’s, 8am, Heapy Engineering

July 15th
Board of Governor’s, 8am, Heapy Engineering

August 19th
Board of Governor’s, 8am, Heapy Engineering

September 16th
Board of Governor’s, 8am, Heapy Engineering

Call For 2015-2016 Nominations

As the fiscal year end approaches, ASHRAE Dayton Chapter is looking to fill one essential position via open nominations

Open Positions: Chapter Technology Transfer Committee

Elections to be held at the May 20th meeting.
A Note from the President:

WOW, did we have a crowd last month, or what?! Thanks to the efforts of Tom Ferdelman, Larraine Kapka, Russ Marcks, and the rest of the officers/board members, we had over 85 guests including 30 students and 27 past presidents. A picture of the past presidents is included within this newsletter. A special thanks to Mr. Rajan Rajendran from Emerson for an outstanding set of presentations.

This month is, yet again, a very special month. We will be having Mr. David Underwood, Society President-Elect, join us to present next year’s presidential theme “Making Connections.” Also at this month’s meeting, we will be presenting four scholarships to some very deserving applicants.

SAVE THE DATE!!! Dayton ASHRAE’s annual golf outing will be held on June 12th at the Troy Country Club. There will be a 9:00 AM shotgun start with lunch and awards to follow. Please contact Nick Lamb for sponsorship and/or volunteering opportunities.

There are still many opportunities available to get involved with ASHRAE! Whether it is locally and/or nationally, use this involvement as an opportunity to broaden your networking reach, dive deeper into the industry, and obtain many forms of continued education. Please contact any of the Dayton ASHRAE Board Members and/or Officers for more information.

Let’s keep our membership levels up, continue donating to Research Promotion/Scholarship, and work together to grow the success of Dayton ASHRAE!

Evan Nutt—President, Dayton ASHRAE
Employers!

Have an Open Position?
Advertise in your Dayton ASHRAE Newsletter and on the Dayton ASHRAE Website.
Business-card size ad for $20 a month or $100 a year.
All proceeds to Dayton ASHRAE Scholarship Fund.
Send ad copy to: Larraine.Kapka@Sinclair.edu

Training!

HVAC Design
3-Day Level I Essentials Course
May 18-20, Chicago
See page 9
2-Day Level II Applications Course
May 21-22, Chicago
See page 10

Research Promotion Honor Roll

PLATINUM ($1000 or more)
Dayton ASHRAE Chapter
Emerson Climate Technologies

GOLD ($500 or more)
Heapy Engineering
Uptime Solutions
Waibel Energy Systems

SILVER ($250 or more)
Rieck Mechanical
Spears Mechanical Systems

BRONZE ($150 or more)
Allied Supply Company, Inc.
Validated Custom Solutions
Watkem Mechanical

Individuals

HONORS ($100 or more)
Steve Elrich
Joe Ferdelman
Tom Ferdelman
Jeremy Fauher
Larraine Kapka
Michael Kennedy
Nathan Lammers
Denny Lammlein

Russell Marcks
Rob Mauro
Stephen Meier
Evan Nutt
Bob Patterson
Richard L. Pavlak
Bryan Schenck
Kyle Schroeder

Honorable Mention
Tom Monnig
John Keefe

Research Promotion News
Currently, we have achieved 109.8% ($14,278 of $13,000) of our yearly goal.
WELL DONE! Only $1,419 away from High 5!!
Make YOUR donations by following the directions on Page 5
ASHRAE welcomes new members to its technical committees. To be considered for technical committee membership, you must:

- Notify ASHRAE staff at TCStaff@ashrae.net of your interest in a particular TC, TG, TRG, or MTG.
- Create or update your ASHRAE biographical record under the “Manage Your Membership” link from the

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**Remember When... (1988/89)**

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<th>President:</th>
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<td>Pres. Elect:</td>
<td>Dennis Helmig</td>
<td>Helmig, Lienesch</td>
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<td>Vice Pres.:</td>
<td>Rich Huff</td>
<td>Weber Huff</td>
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<td>Secretary:</td>
<td>David Schmenk</td>
<td>Lorenz &amp; Williams</td>
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<td>Treasurer:</td>
<td>Phil Van Styn</td>
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<td>Chris Hampel</td>
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2013-2014 saw ASHRAE continue its leadership in developing standards and guidance for the design, operation and maintenance of healthy, energy efficient buildings.

Funds to accomplish this research are received from members and companies active in the industry. Once again the Dayton Chapter led the way in Region V, submitting a new high of $15,697. At the Chapters’ Regional Conference (CRC) held in Detroit August 7-9 we received the most Presidential Awards of Excellence of all the Chapters in Region V!

The HVAC Industry gives us all our livelihood. ASHRAE’s research and educational programs are what keeps our industry and professions on the leading edge and assures its continued existence. Confident that you will recognize the benefits of this investment, we are asking you to help fund future HVAC&R research and development by donating this year. Thanks so much for your help in advance!

Together we can all make a difference!

Amount Enclosed:  ____$500  ____$250  ____$150  ____$100  ____$100  ____$50

$___________ Other (Please Specify)

Name:  ____________________________________________________________

Street Address:  ___________________________________________________

City/State/Zip:  ____________,     ____,    _______________

Phone Number: (_____) - ________________

Member Number (if known):  ________________________________

Do you wish to be recognized in the Dayton ASHRAE Newsletter as a Contributor?  ____YES  ____NO

Please Mail this completed form with your check to:

ASHRAE Dayton Chapter
ATTN: Research Promotion
P.O. Box 3202
Dayton, OH 45402-3202
Please select:

____ Local member ($95)    ____ Local student member ($30)

___________________________________
Your Name

__________________________________
Home Address

________________________________
City State Zip

(    )    -    (    )    -
Home Phone Alternate Phone

Home e-mail address Alternate e-mail address

Student members only:

Student: School _________ Degree _________ Approximate Graduation Date _________

SEND NEWSLETTER TO: Home email address Alternate email address

I prefer Lunch Meetings______ I prefer Dinner Meetings_______ I have no preference _______

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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 ___ Website
___ CTT (Refrigeration; Technical, Energy & Government; Programs) ___ Golf Outing ___ Communication

Dayton Chapter dues for the Society year beginning July 1, 2014 and ending June 30, 2015.

Full member: $95 per year includes 6 lunch/dinner meetings and the holiday party.
Student member: $30 per year includes 6 lunch/dinner meetings (excludes holiday party).

Please return this application and a check or money order in the amount of $95 (member) or $30 (student member) made payable to Dayton ASHRAE to:

DAYTON ASHRAE, PO Box 3202, Dayton, OH. 45401
Join us at ASHRAE’s 2015 Annual Conference
June 27–July 1 | Atlanta, Georgia | www.ashrae.org/atlanta

Join ASHRAE in its hometown of Atlanta! Take advantage of the opportunity to discuss and examine the latest topics in the building industry, such as high performing buildings and modeling, through the technical program; participate in technical tours; attend ASHRAE Learning Institute courses; sit for an ASHRAE certification exam; and earn professional development credits.

Conference Technical Program—includes the third annual Research Summit, which brings together researchers to present and discuss the latest research. Tracks focus on the design, construction and operation of high performance buildings, specifically advanced design guidance, modeling, operation and optimization, and indoor air quality. Laboratories, refrigeration, fundamentals, applications, systems and equipment round out the program.

Networking—share ideas and learn from fellow members from your hometown and around the world.

ASHRAE Learning Institute—choose from two full-day professional development seminars and seven half-day short courses to stay current on new HVAC&R technologies.

ASHRAE Certification—to gain a competitive edge, apply by June 9 to sit for an ASHRAE Certification exam.
Two fantastic events are currently scheduled for this year.

Both events are for the purpose of supporting the Dayton ASHRAE Scholarship Fund and ASHRAE Research.

Please be sure to add them to your calendars to attend.

**First Annual ASHRAE Bocce Tournament**

**When:**
Saturday, September 19th

**Where:**
John Pirelli Lodge
2625 County Line Road
Dayton, Ohio 45430
HVAC Design: Level I - Essentials

ASHRAE's HVAC Design: Level I - Essentials training provides participants with instruction that accelerates their transformation into effective members of a design, construction or facilities maintenance team. Developed by industry-leading professionals selected by ASHRAE, the training provides attendees with the fundamentals and technical aspects of HVAC design. Attendees will gain practical skills and knowledge to design, install and maintain HVAC systems that can be put to immediate use.

In addition to gaining in-depth knowledge and understanding, attendees will receive real-world examples of HVAC systems based on the renovated ASHRAE Headquarters building. The training also teaches a systematic approach to guide a design team to a solution that optimally meets the client's expectations. Engineered drawings of the ASHRAE Headquarters renovation will also be discussed so participants are exposed to plan reading and visual understanding of system design.

Who Should Attend

- Engineers new to the HVAC industry, including recent engineering graduates lacking practical experience
- Facilities managers involved in new construction or major renovation projects
- Technicians who would like to gain design knowledge
- Architects who want to understand HVAC system design
- Sales engineers and HVAC equipment suppliers who want to gain a broad knowledge of HVAC systems

How Your Firm Will Benefit

The training helps attendees understand:

- The need to improve overall building performance
- The technologies that lead to improved building performance
- The economics of sustainable buildings and the roles of the designer and facilities manager
- The basic skills needed to design high-performance buildings
- The skill set that will be required by designers of the future
- Techniques to interact effectively with all design partners (architects, owners, other engineering disciplines) in an integrated design team
- The capacity to participate in the design of high-performance buildings
ASHRAE’s HVAC Design: Level II – Applications training provides participants with advanced instruction on HVAC system design. The training is tailored for engineers with advanced experience in the HVAC design field, or those who have completed HVAC Design: Level I - Essentials. Developed by industry-leading professionals, the training provides advanced information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Who Should Attend

- Engineers with HVAC design experience (3-10 years)
- Participants who attended the HVAC Design: Level I – Essentials
- Architects who want an in-depth understanding of HVAC design
- Facilities managers involved in new construction or major renovation projects
- Technicians who would like to gain thorough design knowledge
- Construction project managers involved with mechanical systems

How Your Firm Will Benefit

The training allows practicing engineers and designers the opportunity to refresh their skills, as well as, expand their exposure to systems and design procedures. Attendees not practicing as designers will be provided with insights into the design process and challenges along with a better understanding of HVAC system options with buildings.