American Society of Heating, Refrigerating & Air-Conditioning Engineers

2016-2017 OFFICERS

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Mark Your Calendars

August 17th
Board of Governors
8AM, Heapy Engineering

September 16th
Second Annual
Bocce Ball Tournament
John Pirelli Lodge

September 21st
Board of Governors
8AM, Heapy Engineering

UNIVERSITY of DAYTON

Heapy Engineering
MEP Design Technology Planning Commissioning Energy
Nationally Recognized Leader in Sustainability

2016 Dayton Green EXPO

August 30, 2016 • 10 am to 5 pm

Registration is $20 ($30 after 8/19/16)

Earn up to 3.5 hours of GBCI CEs, AIA LUs, ENGINEERING PDHs

10:00 AM	**EXPO Starts**
11:45 AM - 1 PM	Opening Remarks / Keynote Panel Presentation
	Why LEED and Beyond LEED? Providing Value / ROI
1:00 - 2:00 PM	EXPO Hour
2:00 - 3:00 PM	Seminars (3 Concurrent Sessions)
	A. How to Implement Zero Waste in your Business
	B. Reduce Air Pollution and Water Usage with CHP
	C. Sustainable Community Design
3:00 - 3:15 PM	Break
3:15 - 4:15 PM	Seminars (3 Concurrent Sessions)
	A. What is the Hanley Sustainability Institute?
	B. LEED v4: Impact on Mechanical Systems
	C. Our Region's Treasurers of Outdoor Recreation Assets
4:15 - 5:00 PM	Sponsors Reception / Networking

SUPPORTING ORGANIZATIONS:

ASHRAE Dayton Chapter · AIA Dayton · AIA Cincinnati · AIA Columbus · AIA Indiana

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Board of Governors

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LARRAINE KAPKA
Sinclair College

A Note from the President:

In late July we hosted the Chapters Regional Conference for Region V. This was an event where officers from 13 ASHRAE chapters in Ohio, Indiana, and Michigan came to Dayton to plan for the Region V year. Thanks to all of our volunteers and sponsors for helping make this a successful event.

With the CRC in the rearview mirror, we are now looking forward to the rest of the year. We have most of our speakers locked down, and it is quite the lineup, see below:

Tuesday, August 30, 2016 – Dayton Green Expo
Friday, September 16, 2016 – Bocce Ball Tournament for ASHRAE Scholarship
Monday, October 10, 2016 - Membership Promotion and Research Promotion
Monday, November 14, 2016 – Next Generation Refrigerants – Mike Thompson
Monday, December 12, 2016 - Energy Project Funding - Bill Bissmeyer
January 2017 – Holiday Party
Monday, February 13, 2017 – Joint AIA Meeting
Monday, March 13, 2017 – Chilled Water Systems for YEA – Mick Schwedler
Monday, April 10, 2017 – Technical Tour of Children's Hospital New Tower
June 2017 – Golf Outing for ASHRAE Research

The March meeting is a Membership Promotion Night and the April meeting is Student Night. Always check your monthly newsletter for the finalized speaker and venue information, as these meetings are subject to change. See you at the Green Expo!

Nathan Lammers—**President, Dayton ASHRAE**

Remember When... (1987/88)

President:	Tom Homan	Allied Supply
Pres Elect.:	Rodger Hawkenberry	Delco
Vice Pres.:	Dennis Helmig	Helmig, Lienesch
Secretary:	Phil Van Styn	Heapy Engineering
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	Mark Rae	Greater Dayton H & C
	Jack A. Putnam	Lorenz & Williams
Education:	Larraine Kapka	EG&G Mound App Tech
Membership:	Mark Neiheisel	Uptime Solutions
Res Promotion:	Dave Schmenk	Lorenz & Williams
	James Albitz	Trane Co.
Energy Mgmt:	Phil Van Styn	Heapy Engineering
Newsletter:	Tom Homan	Allied Supply

Membership

Employers!

Have an Open Position?

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

Please inquire for pricing based on ad size and term length.

All proceeds to Dayton ASHRAE Scholarship Fund.

Send inquiries to:
BWSchenck@heapy.com

Like us on Facebook!

Find news and updates from Dayton ASHRAE

Become Certified!

ASHRAE® Certified

ASHRAE offers 6 Certifications to continue your Professional Development.

See More Here

New Members

The Dayton Chapter is happy to welcome its newest members. If you see them please give them a warm welcome!

July—Scott Feller & Tyler Keysor

Membership Recognition

We would like to recognize the following members who have been with ASHRAE for the following years!

25-Year Anniversary—Scott Zimpher

Now is a Good Time to Get Involved in ASHRAE!

Go National...

Apply for Membership on a Technical Committee!

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 ASHRAE Web site.

Dayton Chapter ASHRAE

daytonashrae.org

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 _____

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, 2015 and ending June 30, 2016.
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

Research Promotion Honor Roll

INDIVIDUALS Begins at $100

Mike Kennedy
Nathan Lammers
Thomas E Mastbaum
Steven N Meier
Evan Nutt
Bryan W Schenck

Research Promotion News

Let's start off 2016-2017 Right!!

This year's goal is

$16,920

Make YOUR donations by following the directions on Page 6

To date, Dayton ASHRAE has set a very achievable Goal for RP this Year. Our Goal is $16,920 in Total Research Dollars including funding for Foundations, and Scholarship Promotion.

The leadership team- Board of Governors - is leading the way again this year with donations to date of

$600

which is 3.5% of our goal.

2016-2017 ASHRAE RESEARCH PROMOTION
Dayton, OH ASHRAE

2014-2015 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 was among the leaders in Region V , submitting a new high of $16,482. This year's Goal is $16,920.

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): _____

Donation in Memory of: _____

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

ASHRAE News!

ASHRAE Reaches Highest Membership in 14 Years

ATLANTA – ASHRAE, long known for its contributions to the built environment technology industry, now boasts more than 56,000 members. ASHRAE membership is individual based, reflecting the Society's diverse representation of building system design and industrial processes professionals around the world.

"This growth reflects ASHRAE's influence on building standards and best practices around the world," Tim Wentz, ASHRAE president, said. "Our members recognize that the Society increasingly provides opportunities to network with the global built environment's best and brightest."

In 2016, ASHRAE reached 56,105 members, its highest in 14 years. ASHRAE currently has 181 chapters, 41 sections and 234 student branches around the globe, with members in 130 countries. Seventy nine percent of ASHRAE's total membership is based in the U.S. and Canada, while 21 percent is from other countries, an increase from 18 percent from two years ago. ASHRAE's Region-at-Large, which encompasses the Middle East, Pakistan, Sri Lanka, India, Africa and Europe, had the largest percent gain in membership in the Society year of 2015-16.

"From expansion into residential markets to providing resources for the quickly changing refrigerant industry, ASHRAE will continue to use the expertise of its members to further the technology of tomorrow," Wentz said. "At the same time, ASHRAE is partnering with other organizations dedicated to working toward a more sustainable environment, creating a worldwide best-practices databank of innovative and successful technologies that will serve the built environment community."

ASHRAE currently has more than 130 published standards and guidelines and is one of only six standards-developing organizations in the U.S. that can self-certify that its standards have followed American National Standards Institute's (ANSI) standards development procedures. The Society is also one of the only HVAC&R organizations that maintains its own research program, which currently has 56 active research projects with a combined value of more than $9 million. That research is overseen by some 100 technical committees representing 4,200 people.

ASHRAE produces hundreds of publications, including the ASHRAE Handbook, books on specialized topics within the field, and various CDs and DVDs. The Society also publishes the peer-reviewed monthly ASHRAE Journal, quarterly High Performing Buildings and bimonthly Science and Technology for the Built Environment. Through the ASHRAE Learning Institute, ASHRAE offers more than 100 courses in a vari-ety of formats, including eLearning, professional development seminars, short courses and self-directed learning courses. In addition, ASHRAE offers six certification programs for individuals.

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its more than 55,000 members worldwide focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow's built environment today. More information can be found at [www.ashrae.org/news.](www.ashrae.org/news)