



Dayton Chapter

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

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

# Student Night

**March 11, 2013**

Engineer's Club of Dayton  
110 East Monument Avenue



**5:00 Tech Session: Engineering Ethics in Practice:  
A Case Study**

**5:30 Social**

**6:15 Dinner**

**7:00 Main Program: Test your Engineering Ethics  
Knowledge**

***FREE* for local members and Engineering or  
HVAC students**

**All others \$20 at the door**

**RSVP by Thursday, March 7, 2013 to Jeremy Fauber at  
[jpfauber@heapy.com](mailto:jpfauber@heapy.com) or 224-0861**

## **COMING EVENTS:**

- ◆ **March 21** Board Meeting at Heapy Engineering, 8 AM
- ◆ **April 8** April Meeting (Evening tour, TBD)
- ◆ **April 18** ASHRAE Webinar

# ASHRAE

## 2012-2013 OFFICERS

### President

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Point-to-Point Systems  
[jasondavidgillespie@gmail.com](mailto:jasondavidgillespie@gmail.com)

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### Past President

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### Committee Chairs

#### Membership

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## A Note from the President:

Spring is just around the corner and no-one could be happier than me! Enjoy your extra hour of daylight starting March 10<sup>th</sup>!

I hope everyone enjoyed the Holiday Party as well as our February luncheon with Jeremy Mack of Sage Glass and Dayton AIA. I'm looking forward to our March meeting covering ethics; it's looking to be a great topic and tech session! And it is also student night—please take the opportunity to make our guests feel welcome! In April we are looking to host a tour of the sheet metal shop of a local mechanical contractor to get some up-close information on duct construction, fabrication and sealing. You will see the whole process from rolls of steel to finished product! Then in May we will have our annual golf outing organized once again by Mr. Kerry Ward of Habegger. Kerry did an excellent job last year and I'm looking forward to this event again this year!

Thank you all, have a great month!

Jason Gillespie, President, ASHRAE Dayton Chapter

**Get involved in YOUR Dayton ASHRAE!**

Now recruiting for members interested in:  
Chapter Programs

Chapter Service Positions (Secretary, Treasurer)

Contact Kyle Kurtz [kyle.kurtz@trane.com](mailto:kyle.kurtz@trane.com)

**Be a part of something special!**

**Free!**

**SAVE THE DATE**

April 18, 2013, 1:00 pm - 4:00 pm EDT

FREE ASHRAE Webcast

*Assessing Building Energy Performance:*

*From Principles to Practice*

**Free!**

## Research Promotion Notes:

**“One More” campaign for  
2012-2013:**

**\$6577 to  
date for  
2012-13!**



- ◆ **One more Company (last year there were 11)**
- ◆ **One more individual (last year there were 23)**
- ◆ **One more dollar (or more) from each contributor**

**The Dayton Chapter has approximately 180 assigned members, with 50-60 who regularly attend meetings. Can't you “give back” even a little to the organization that provides your livelihood? Contribution form on page 8.**

**See the new 2012-2013 research promotion honor roll attached!**

# March Program

## All About Ethics!



### ASHRAE Code Of Ethics

(Approved by ASHRAE Board of Directors January 31, 2007)

As members of ASHRAE, we pledge to act with honesty, fairness, courtesy, competence, integrity and respect for others in our conduct.

Efforts of the Society, its members, and its bodies shall be directed at all times to enhancing the public health, safety and welfare.

Members and organized bodies of the Society shall be good stewards of the world's resources including energy, natural, human and financial resources.

Our products and services shall be offered only in areas where our competence and expertise can satisfy the public need.

We shall act with care and competence in all activities, using and developing up-to-date knowledge and skills.

We shall avoid real or perceived conflicts of interest whenever possible, and disclose them to affected parties when they do exist.

The confidentiality of business affairs, proprietary information, intellectual property, procedures, and restricted Society discussions and materials shall be respected.

Each member is expected and encouraged to be committed to the code of ethics of his or her own professional or trade association in their nation and area of work.

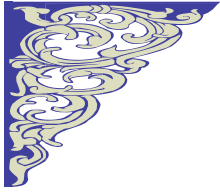
Activities crossing national and cultural boundaries shall respect the ethical codes of the seat of the principal activity.

**ASHRAE's remedy for violation of their ethical code is removal from the society. A PE who violates the Engineer's Code of Ethics can lose their ability to practice their profession.**

**Tech Session:** Over 30 years after the Hyatt Regency Walkway Collapse, there are still lessons to be learned by all practicing engineers. Think it was "just a structural problem" that has nothing to do with HVAC professionals? Think again. There are lessons to be learned from this tragedy for all of us who are involved in design, construction and operation of facilities. We will spend time looking at video of the original event, a short section on the actual structural failure, and then devote the rest of the time to the issues that affect us all every day. Extensively studied, we will present some of the conclusions from both the investigation and the engineer who lost his license as a result of the event.

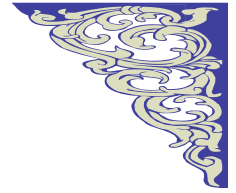
**Main Session:** State Boards of Ethical Review deal with a variety of ethical standard violations each year. We will present several case studies for discussion—test your judgment against that of the review board as you consider cases relevant to the practicing professional.

**Presenters:** Lorraine Kapka, PE, Associate Professor, Sinclair Community College and ASHRAE member, with Gary Kapka, Adjunct Professor, Sinclair Community College.



# Dayton ASHRAE History Corner

By Historian Tom Ferdelman



## DAYTON CHAPTER ASHRAE HISTORY

## 1973-74

		<b>Employer</b>
<b>PRESIDENT</b>	James Tudas	Trane Co.
<b>VICE PRESIDENT</b>	John Kolb	Lorenz & Williams
<b>SECRETARY</b>	George H. Reinker	Honeywell
<b>TREASURER</b>	Jack L. Rosati	Chrysler Airtemp
<b>BOD</b>	Almar S. Fraley	Hughes Bechtol
<b>BOD</b>	Gene Hughes	Hughes Bechtol
<b>BOD</b>	Ken R. Wehrkamp	Helmig & Lienesch
<b>Education</b>	Howard C. Brown	
<b>Membership</b>	Francis A. Mauro	Johnson Service
<b>Research Promotion</b>	J. R. Patterson	Trane Co.
<b>Attendance</b>	Larry D. Smith	Heapy & Assoc.
<b>Program</b>	W. Thomas Kunas	C.D. Weaver Co.
<b>Reception</b>	Thomas J. Ferdel-	Heapy & Assoc.

### General Information

Meeting's were held at the Carillon Cafete- CRC held in Dayton Regional Director	Imperial North Chuck Sepsy
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### PROGRAMS

9/11/1973	Golf Outing	Sugar Valley C.C.	
10/18/1973	CRC	Imperial House North	
11/13/1973	Joint Meeting w/ Cin.	Holiday Inn Sharon Rd.	
12/3/1973	Energy Analysis of Tech. Meeting	Carillon Cafeteria	Robert Hall- Mammoth
1/4/1974	Energy Availability in Tech. Meeting	Sinclair College	DP&L
2/4/1974	Metric System Tech. Meeting	Carillon Cafeteria	Lowell Foster- Honeywell
3/4/1974	Management by Ob- Tech. Meeting	Sinclair College	Rich Johnson- AFIT
4/8/1974	Design/Construct Tech. Meeting	Carillon Cafeteria	Industry Leaders
5/4/1974	Awards Banquet/		WPAFB Civilian Club

**SEE ATTACHED**

**Presidential Award Of Excellence**



# *Research Promotion Honor Roll 2012-13*

## **Corporations**

**PLATINUM** (\$1000 or more)

*Dayton ASHRAE Chapter*

**GOLD** (\$500 or more)

*Waibel Energy Systems*

**SILVER** (\$250 or more)

*Heapy Engineering*

**BRONZE** (\$150 or more)

*Allied Supply Company, Inc.—Dayton*

## **Individuals**

**HONORS** (\$100 or more)

*Jeremy Fauber*

*Tom Ferdelman*

*Jason Gillespie*

*Larraine Kapka*

*Michael Kennedy*

*Bruce Knapp*

*Kyle Kurtz*

*Dennis Lammlein*

*Russ Marcks*

*Steven Meier*

*Evan Nutt*

*Bob Patterson*

*Jake Taylor*

## **HONORABLE MENTION**

*Tom Monnig*

*Steffens-Schultz*

*Kyle Schroeder*

# Now is a Good Time to Get More Involved in ASHRAE!

## Go National!

### Applying 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](mailto: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

◆

#### **Please note:**

If you do not have an ASHRAE ID, are or not applying for ASHRAE membership, and are applying for a position that requires an ASHRAE bio to be on file, please [click here](#) to request an ID and PIN. You may also use that link if you already have an ASHRAE ID as a non-member, but you do not have a record of what that number is. You will immediately be assigned as a Provisional Corresponding Member. The acceptance of provisional corresponding membership implies participation in committee activities through correspondence or in-person involvement. Provisional corresponding members serve 2 year terms. Although provisional corresponding members are not voting members, at the end of your term and based on participation in the committee, you may be considered for future voting membership. Notification of acceptance to a TC is emailed upon your appointment.

## Stay Local!

**See page 8 for local opportunities or contact any Board member (listed on page 2).**

# Dayton ASHRAE Needs You!



**Wanted:** Individuals to step up and work on the Dayton Sustainability Project.

Qualifications: Willingness to work with others to set up his year's sustainability project.

**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.

**Wanted:** Newsletter editor to work with Lorraine Kapka and maybe assume full responsibility next year.

Qualifications: Access to Publisher and Adobe Acrobat a necessity. Takes just a few hours a month. Will train if you have the software.

Each of these positions requires just a few hours a month. Please contact President Jason Gillespie ([jasondavidgillespie@gmail.com](mailto:jasondavidgillespie@gmail.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](mailto: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](mailto:Lorraine.Kapka@Sinclair.edu)

# Volunteers Needed

## Ready to Give Back to YOUR Industry?

Dayton ASHRAE needs members to work on committees.

Contact Jason Gillespie at:

[Jasondavidgillespie@gmail.com](mailto:Jasondavidgillespie@gmail.com)

# 2012-2013 ASHRAE RESEARCH Dayton ASHRAE

## Contribution Form



2011-2012 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  
678-539-1216  
[jscott@ashrae.org](mailto:jscott@ashrae.org)

February 20, 2013

## Dayton Engineer Nominated as ASHRAE New Face of Engineering

ATLANTA – Ryan Hoffman, P.E., is one of the 20 nominees received by ASHRAE for the New Faces of Engineering recognition program.

The program, part of National Engineers Week (NEW) and co-sponsored by ASHRAE, promotes the accomplishments of young engineers by highlighting their engineering contributions and the resulting impact on public welfare. The program targets those age 30 and younger. The top nominee from each engineering society represented on the NEW committee will appear in a full-page ad in USA Today during National Engineers Week, Feb. 17-23, 2013.

ASHRAE created the New Faces program in 2003, when it served as lead society for National Engineers Week.

Hoffman is sustainability and energy service manager, Heapy Engineering, Dayton, Ohio. He holds a Bachelor of Science in Mechanical Engineering, University of Dayton. After joining Heapy Engineering, Hoffman transitioned from an entry level engineer to the highest non-ownership position within the company in less than five years. He was promoted from project manager to team manager in less than one year. He is responsible for direct oversight, mentorship, development and scheduling of 10 energy engineering and sustainability staff. He co-authored an article in Environmental Design + Construction Magazine titled “Lessons Learned, Higher Education Projects.”

ASHRAE, founded in 1894, is a building technology society with more than 50,000 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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Jobs Board for  
HVACR Engineers



Jobs

Welcome to [ASHRAEJobs.com](http://ASHRAEJobs.com)  
Your source for HVACR  
Engineering Careers



# ASHRAE Learning Institute

## 2013 Spring Online Course Series

### 2 WAYS TO REGISTER

**Internet:** [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses)

**Phone:** Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

**Note:** You may register up to 24 hours prior to an online course. Courses are in US Eastern Standard Time.

#### **Basics of High-Performance Building Design**

Mon, March 18, 2013 – 1:00 pm to 4:00 pm ET

#### **Air-to-Air Energy Recovery Fundamentals**

Wed, March 20, 2013 – 1:00 pm to 4:00 pm ET

#### **Advanced High-Performance Buildings Design**

Mon, March 25, 2013 – 1:00 pm to 4:00 pm ET

#### **Air-to-Air Energy Recovery Applications: Best Practices**

Wed, March 27, 2013 – 1:00 pm to 4:00 pm ET

#### **Complying with Standard 90.1-2010: Envelope/Lighting**

Wed, April 17, 2013 – 1:00 pm to 4:00 pm ET

#### **Humidity Control Troubleshooting**

Mon, April 22, 2013 – 1:00 pm to 4:00 pm ET

#### **Combined Heat & Power: Creating Efficiency Through Design & Operations**

Wed, April 24, 2013 – 1:00 pm to 4:00 pm ET

#### **Complying with Standard 90.1-2010: HVAC/Mechanical**

Mon, April 29, 2012 – 1:00 pm to 4:00 pm ET

#### **The Commissioning Process & Guideline 0**

Wed, May 1, 2013 – 1:00 pm to 4:00 pm ET

#### **Fundamental Requirements of Standard 62.1-2010**

Wed, April 17, 2013 – 1:00 pm to 4:00 pm ET

\* Take 3 or more courses and save 20% off registration!

## **HVAC Design Training**

**2 Courses, 5 Days of Intense Instruction**

**March 18-22, 2013 • June 3-7, 2013 • August 12-16, 2013**

### **HVAC Design: Level I - Essentials**

This training provides intensive, practical education for designers and others involved in delivery of HVAC services. Gain practical skills and knowledge in designing, installing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

### **HVAC Design: Level II - Applications**

Developed by industry-leading professionals, the training course provides participants with advanced level information about designing, installing and maintaining HVAC systems that can be put to immediate use. Participants will gain an in-depth look into Standards 55, 62.1, 90.1, and 189.1 and the Advanced Energy Design Guides, as well as a range of other HVAC topics including: HVAC equipment and systems; energy modeling; designing mechanical spaces; designing a chiller plant; and BAS controls.

#### **Creating Effective, Highly Skilled Engineering Team Members**

- Gain knowledge to make immediate contributions to design projects
- Participate in in-depth, practice-focused training
- Learn from industry leaders selected by ASHRAE
- Receive free bonus resources valued at over \$200

Visit [www.ashrae.org/hvacdesign](http://www.ashrae.org/hvacdesign) to register



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Project Manager**

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DEPARTMENT**



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