REMINDER:

ASHRAE Holiday Party

January 8th, 2015    6:00PM to 9:00PM

Dayton Racquet Club
40 Kettering Tower (29th Floor)
Dayton, Ohio 45423

AIA & ASHRAE Breakfast Meeting

February 8th, 2015

Wei Sun, PE
Engsysco Incorporated, President

HVAC Systems for Airborne Infection Control Spaces in Healthcare Facilities

Aileron
8860 Wildcat Road
Tipp City, Ohio 45371

8:00 AM Breakfast, Presentation to Follow

FREE to All Members. $20 to All Others.

RSVP by Noon on 2/4 to JPFauber@heapy.com
Please note any specific food considerations at this time.

ATTENTION Student Members!

Apply for a Dayton Chapter ASHRAE Scholarship.
See Details and Application on Page 8.
A Note from the President:

Greetings and Happy New Year! If any are attending the Winter Conference in Orlando, please contact our Region V chair – Doug Fick at RegionVRMCR@gmail.com to reserve a seat at Delmonico’s Italian Steakhouse Sunday, Jan 24th at 7:00 pm with the rest of Region V and VI chapter members. Our next Dayton Chapter meeting will be a special occasion at Aileron in Tipp City. This will be a joint AIA breakfast meeting with an ASHRAE Distinguished Lecturer presenting on HVAC Systems in Healthcare, on February 8th at 8 am. Please come out and take advantage of some networking at a beautiful facility. I will be organizing another Dayton ASHRAE build day for Habitat for Humanity in the next coming months. So, standby, or contact me if you are interested in a fun Saturday of giving back to the community! Thanks!

Mike Kennedy—President, Dayton ASHRAE
Welcome New Members

The chapter is happy to welcome its newest members:

- Shalini Kumaralingam
- Troy Brostrom
- Karen Claude
- Davis Urena

ATTENTION MEMBERS—STEM Survey

In an attempt to gauge what our membership is currently involved with in the classroom/community and determine if there is any interest in a future science outreach activity for club members, please take a few minutes to complete this survey by following the link below:


The survey will remain open until Sat. Jan 16th at 11:45pm and results are anonymous. Feel free to leave your contact info if you would like more about Dayton activities.

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.
INDIVIDUALS $100 or more

Steven A Coppock
Jeremy P Fauber
Thomas J Ferdelman
Lorraine Kapka
Mike Kennedy
Nathan Lammers
Thomas E Mastbaum
Robert A Mauro

HONORABLE MENTION $150 or more

Helmig & Lienesch LLC
Allied Supply

ANTIQUE $250 or more

Uptime Solutions Associates

SILVER $1,000 or more

Dayton ASHRAE
Waibel Energy Systems

Currently, we have achieved
34% ($5,908.57 of $17,306)
of our yearly goal

Make YOUR donations by following the directions on Page 5.
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 led the way in Region V, submitting a new high of $16,482.

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: ________$1,000______$500 ________$250 ________$150 ________$100

$__________ 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 Research Promotion - Donor Levels

**Platinum Circle Donor – ($20,000 +)**
- Receives 1 day Meeting Registration at the ASHRAE Winter Meeting
- Receives 2 tickets to Members Night Out and Welcome Party at the ASHRAE Winter Meeting
- Presented Commemorative Sculpture
- Individually recognized at the President’s Luncheon at the ASHRAE Winter Meeting
- Invited to the President’s Luncheon at the ASHRAE Winter Meeting
- Invited to the Board of Directors Luncheon at the ASHRAE Winter Meeting
- Listed on special display at the President’s Luncheon at the ASHRAE Winter Meeting
- Group photo published in the spring issue of ASHRAE Insights
- Listed on RP Display in Registration
- Receives Gold ASHRAE Commemorative Coin & Plaque
- Listed in annual Investor Honor Roll in the ASHRAE Journal

**Golden Circle Donor – ($10,000 to $19,999)**
- Presented Commemorative Sculpture
- Individually recognized at the President’s Luncheon at the ASHRAE Winter Meeting
- Invited to the President’s Luncheon at the ASHRAE Winter Meeting
- Invited to the Board of Directors Luncheon at the ASHRAE Winter Meeting
- Listed on special display at the President’s Luncheon at the ASHRAE Winter Meeting
- Group photo published in the spring issue of ASHRAE Insights
- Listed on RP Display in Registration
- Receives Gold ASHRAE Commemorative Coin & Plaque
- Listed in annual Investor Honor Roll in the ASHRAE Journal

**ASHRAE Partner – ($5,000 to $9,999)**
- Receives personalized shadowbox plaque
- Listed in annual Investor Honor Roll in the ASHRAE Journal

**ASHRAE Associate – ($2,500 to $4,999)**
- Receives Gold ASHRAE Commemorative Coin & Plaque
- Listed in annual Investor Honor Roll in the ASHRAE Journal

**Major Donor – Silver – ($1,000 to $2,499)**
- Receives Silver ASHRAE Commemorative Coin & Plaque
- Listed in annual Investor Honor Roll in the ASHRAE Journal

**Major Donor – Bronze – ($500 to $999)**
- Receives Bronze ASHRAE Commemorative Coin & Plaque
- Listed in annual Investor Honor Roll in the ASHRAE Journal

**Major Donor – Antique – ($250 to $499)**
- Receives Antique ASHRAE Commemorative Coin & Plaque
- Listed in annual Investor Honor Roll in the ASHRAE Journal

**Honor Roll Donor – (Individual Honor Roll begins at $100)**
- Receives blue desktop coin holder & Commemorative Coin
- Listed in annual Investor Honor Roll in the ASHRAE Journal
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*
$1000 SCHOLARSHIP

Dayton Chapter

Promoting the Art and Science of Heating and Air Conditioning in the Miami Valley!

STUDENT APPLICATION FOR ASHRAE / DAYTON CHAPTER SCHOLARSHIP

(Please Type)

Name of Student: ___________________________ Date of Birth: ________

Permanent Address: _____________________________________________

_________________________________________________________________

Phone: ________________ E-Mail Address: ____________________________

Name of and Family Relationship to Dayton Chapter Member: _____________

Student ASHRAE number ______________

OR

Student’s Country of Legal Residence: ________________________________

College/University Attending: ______________________________________

Major and Minor (if applicable) Field of Study: _______________________

Student’s Year in College: _________________________________________

Indicate expected month and year of college graduation: ________________

_________________________________________________________________

Signature

Date: ________________

The following attachments must be included:

1. A personal recommendation from a faculty member of the school that the student is attending that describes the student’s academic standing, character, and contribution to the Industry.
2. Current transcript including grades from most recent Fall Term (an unofficial transcript is acceptable).
3. A 100-200 Word Statement from the student explaining why the student wishes to study a discipline that relates to the Construction Industry.
4. List of Activities / Outside of the Industry and University
5. List of Activities associated with Industry and/or University
6. List the Degree(s) for which the scholarship will apply

Application must be postmarked by January 31 of the application year or submitted electronically.

Mail should be sent to:

ASHRAE, Dayton Chapter
PO Box 3202
Dayton, OH 45401
ASHRAE Learning Institute

Seminars & Courses at ASHRAE’s Winter Conference in Orlando, FL

2 WAYS TO REGISTER
Internet:  www.ashrae.org/orlandocourses
Phone:  Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Full-Day Professional Development Seminars

- Commercial Building Energy Audits
  Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.
- Commissioning Process in New & Existing Buildings
  Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.
- Designing HVAC Systems to Control Noise & Vibrations
  Saturday, January 23, 2016 – 8:00 a.m. to 3:00 p.m.

Cost: $485/$395 ASHRAE Member -- Earn 6 PDHs/AIA LUs or .6 CEUs

Energy Modeling Best Practices and Applications
Tuesday, January 26, 2016 – 9:00 a.m. to 4:00 p.m.
Operations & Maintenance of High-Performance Buildings
Tuesday, January 26, 2016 – 9:00 a.m. to 4:00 p.m.

Half-Day Short Courses

- Laboratory Design: The Basics and Beyond
  Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.
- Troubleshooting Humidity Control Problems
  Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.
- Understanding & Designing Dedicated Outdoor Air Systems
  Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.
- Variable Refrigerant Flow System Design & Applications NEW!
  Sunday, January 24, 2016 – 3:30 p.m. to 6:30 p.m.
- Air-to-Air Energy Recovery Applications: Best Practices
  Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.
- Applications of Standard 62.1-2013
  Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.
- Building Demand Response & the Coming Smart Grid
  Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.
- Energy Management Best Practices
  Monday, January 25, 2016 – 8:30 a.m. to 11:30 a.m.

Cost: $159/$119 ASHRAE Member -- Earn 3 PDHs/AIA LUs or .3 CEUs

- Avoiding IAQ Problems
  Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.
- Commissioning Process & ASHRAE Standard 202
  Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.
- Complying with Standard 90.1-2013: HVAC/Mechanical
  Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.
- Evaluation and Control of Legionella in Building Water Systems NEW!
  Monday, January 25, 2016 – 2:45 p.m. to 5:45 p.m.
- Exceeding Standard 90.1-2013 to Meet LEED Requirements
  Monday, January 25, 2016 – 9:00 a.m. to 12:00 p.m.
- IT Equipment Design Evolution & Data Center Operation Optimization
  Monday, January 25, 2016 – 9:00 a.m. to 12:00 p.m.
- Designing High-Performance Healthcare HVAC
  Monday, January 26, 2016 – 1:00 p.m. to 4:00 p.m.

ASHRAE HVAC Design Training

2 Courses, 5 Days of Intense Instruction

Atlanta  •  Halifax  •  Hong Kong  •  Houston  •  Kuala Lumpur
Miami  •  Minneapolis  •  San Francisco  •  Vancouver

HVAC Design: Level I – Essentials - Registration is $1,264 ($1,009 ASHRAE Member)
Gain practical skills and knowledge in designing 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 - Registration is $854 ($699 ASHRAE Member)
HVAC Design: Level II — Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides 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.

Visit www.ashrae.org/hvactraining to register.