Along with public awareness, the fact cannot be understated that the emergence of both air and water-borne pathogens, MRSA and C Diff are serious factors in healthcare. The importance of employee, patient safety, and exposure to these pathogens has become a major concern. The risk is even greater during construction.

A fundamental question to ask:
What is the possibility that a root cause investigation of Healthcare Acquired Infections resulting in injuries or death could be traced back to construction, renovation or repairs?

This presentation addresses the following:
- How Healthcare Associated Infections are changing the safety and financial factor for hospitals
- How construction contributes to Healthcare Acquired Infections and adds risk to the project
- Healthcare organizational goals--Do you as a professional meet them?
A Note from the President:

The Holiday Party was a wonderful evening! Thank you to all who attended and to those who helped make it happen! We have a total of THREE scholarships to present this year. Dayton ASHRAE will be presenting their usual $1,000 scholarship, but for the first time, Rieck Services and Waibel Energy Systems will be presenting their own commemorative scholarships at $1,000 each. Applications are in and details regarding the award process are to follow. Please contact Larraine Kapka if you have any questions regarding ASHRAE scholarships and/or how to be a part of them.

Every year, we are pleased to host an ASHRAE Distinguished Lecturer (DL). Distinguished Lecturers are supervised at the society level and we are allocated a visit once per year, so when they come, it is an honor. This year’s DL program will be on February 9th and with the topic being as interesting as it is, we are looking forward to a great turnout. Details can be found within this newsletter.

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
Research Promotion Honor Roll

Platinum ($1000 or more)
Dayton ASHRAE Chapter

Gold ($500 or more)
Waibel Energy Systems

Silver ($250 or more)
Uptime Solutions

Spears Mechanical Systems

Bronze ($150 or more)
Allied Supply Company, Inc.
Validated Custom Solutions

Individuals
HONORS ($100 or more)

Steve Elrich
Joe Ferdelman
Tom Ferdelman
Jeremy Fauber
Larraine Kapka
Michael Kennedy
Nathan Lammers
Denny Lammlein

Thomas Mastbaum
Russell Marcks
Rob Mauro
Stephen Meier
Evan Nutt
Bob Patterson
Bryan Schenck
Kyle Schroeder

Honorable Mention
Tom Monnig

Research Promotion News
Currently, we have achieved
60.5% ($7,868 of $13,000)
of our yearly goal.

Let’s keep it going! Donating is EASY!!
Make YOUR donations by following the directions on Pg 5

m.daytonashrae.org

Now access our mobile webpage 2 ways!
See Page 8 for additional information!
Green Building Initiative Recognizes ASHRAE for Their Four Green Globes Achievement

ATLANTA — Green Building Initiative (GBI), a nonprofit organization committed to accelerating the adoption of sustainable building practices and providers of the Green Globes® rating system, congratulates ASHRAE on achieving the highest rating, of four Green Globes, on their international headquarters.

Jerry Yudelson, Green Building Initiatives president, presented the rating system certificate to ASHRAE President Tom Phoenix during ASHRAE’s 2015 Winter Conference held this week in Chicago, Illinois.

“ASHRAE represents the ‘gold standard’ for building energy efficiency standards. We're pleased that ASHRAE now stands at the pinnacle of achievement for green building, with the award of four Green Globes for its Atlanta headquarters building from the Green Building Initiative. Through a months-long process, GBI's Green Globes Assessor worked with ASHRAE staff to document the building's sustainable management practices. Only 3% of projects assessed by GBI achieve four Globes certification, so this recognition is a rare honor and a tribute to ASHRAE's enlightened building operations,” said Yudelson.

Sustainable measures include ongoing benchmarking in ENERGYSTAR for energy and water consumption; energy audits through ASHRAE’s Building Energy Quotient system; quarterly inspection and maintenance of systems containing ozone depleting substances; water audits for leaks and regular monitoring of recycling efforts and waste reduction and diversion rate.

“ASHRAE continues to analyze and support technologies and tools that help accelerate the transformation to a more sustainable built environment globally. As building sustainability rating systems gain more traction, they can guide building owners and operators, and the occupants they serve, on ways to create healthy indoor environments that also reduce the impact of buildings on outdoor environments. Sustainability rating systems complement consensus standards and progressive building codes as we continually advance building systems, designs and operations. We are delighted that our Headquarters building has earned the highest Green Globes rating to complement our original LEED Platinum rating,” said Tom Phoenix, 2014-15 ASHRAE President.

About the Green Building Initiative™ - The GBI is a nonprofit organization and American National Standards Institute (ANSI) Standards Development Organization dedicated to accelerating the adoption of green building practices. Founded in 2004, the organization is the sole U.S. provider of the Green Globes® and federal Guiding Principles Compliance green building certification programs. To learn more, visit the GBI website, www.thegbi.org.

About ASHRAE - 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 50,000 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.
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.

Or Stay Local…

Wanted: Individuals to 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.
2014-2015 ASHRAE RESEARCH
Dayton ASHRAE
Contribution Form

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 7-9 August, we received the most Presidential Award of Excellence (PAOE) points (2,838) of the 12 chapters in Region V!

The HVAC industry gives us all 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, we are asking you to help fund future HVAC&R research and development by donating this new fiscal year. Thanks in advance!

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:

ASHRAE Dayton Chapter
P.O. Box
Dayton, OH  45401

Invest in the Future:
Support ASHRAE Research!
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, 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
Available Position
Sustainability & Energy Services Engineer / Project Manager

Contact: Ryan Hoffman, Sustainability & Energy Services Manager: rmhoffman@heapy.com

Heapy Engineering, a Dayton, Ohio based firm of over 175 employees has been in business since 1945 providing creative and effective engineering solutions. Our continued success has created the need for an additional Sustainability & Energy Services Engineer / Sustainability & Energy Services Project Manager to be placed either in our Dayton, Indianapolis, or Columbus office. Job description, title, and compensation will be commensurate with experience.


Required Qualifications:
- 4-year Bachelor’s Degree in an engineering and/or related curriculum.
- Demonstrated project/team leadership with ability to coordinate multiple simultaneous projects.
- Excellent communication skills, with the ability to effectively communicate technical concepts.
- Strong technical writing skills with the ability to prepare and review formal reports.
- Detail-oriented, having the ability to perform thorough peer reviews of work product deliverables.
- Excellent time manager, comfortable with frequent deadlines and transitions.
- Effective at working with other staff members in a fast-paced environment.

While not required, the following attributes are a plus to a candidate applying for this position:
- Demonstrated professional experience in a broad range of energy/sustainability and mechanical electrical design projects, ideally with direct LEED project experience.
- Exceptional client management skills in the scoping, conduct and delivery of projects.
- Business development experience in the architectural/engineering field.
- Ability to read, understand, and navigate through building plans and specs.
- Licensed Professional Engineer (PE).
- LEED Accredited Professional (LEED AP).
- Association of Energy Engineers Certified Energy Manager (CEM).
- Experience with energy modeling software such as Trane TRACE, Carrier HAP, and eQuest.
$1000 SCHOLARSHIP

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

Eligibility:

1. Undergraduate or graduate degree candidates enrolled in Engineering, Engineering Technology, Energy Engineering, Facilities Management, Construction Management, or similar degree leading to a career in the construction industry.

2. Member of Dayton Chapter of ASHRAE (paying local dues) and their immediate family members, or Student ASHRAE member.

3. Have completed 12 quarter hours or semester hours towards their degree.

Application Requirements:

1. Completed application.

2. College transcript including grades from Fall, 2014 term.

3. Personal recommendation from faculty member in student’s program of study.

4. Statement from the student as to why they wish to study a discipline related to facility construction, operation or management.

5. Lists of activities within and outside the University and Industry.

Application Available at www.daytonashrae.org

Questions? Larraine.Kapka@Sinclair.edu

Application Must be Postmarked by January 31, 2015
STUDENT APPLICATION FOR ASHRAE / DAYTON CHAPTER SCHOLARSHIP

(Please Type)

Name of Student: ______________________________ Date of Birth: ______    ______    ______

Mo.    Day    Year

Permanent Address: ____________________________________________________________

___________________________________________________________

Phone: ___________________________ E-Mail Address: ____________________________

Fax: ______________________________

Name of and Relationship to Dayton Chapter Member or Student ASHRAE number ______

__________________________________________________________

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: ____________________________

________________________________________ Date: ___________________________

Signature

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 Fall 2014.
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, 2015 and should be mailed to:

ASHRAE, Dayton Chapter
PO Box 3202
Dayton, OH 45401
March 10, 2015
5:30-9:30
Dinner
Research Promotion &
Membership Promotion night

3 Part Evening
Happy hour and trade show
Integrating Indoor Air Quality and Energy Efficiencies in Buildings:
By Bill Bahnfleth
Round table discussion with two past presidents Don (‘85-‘86) and Bill
(‘13-‘14) Bahnfleth

Marriott
Cincinnati North
6189 Muhlhauser Rd
West Chester OH 45069
(West of I-75 at the Union Center road)

Pre-Registration for the event is highly requested
Presenting event sponsor
Includes two seats at dinner, recognition at the event, the opportunity to speak for 5 minutes
Cost $500 (limit of three for the night)

Table exhibitor
Includes one 6’ table in the gathering space (outside the meeting room where the meeting attendees will gather and spend the happy hour before everything starts and again before dinner), one seat before dinner, and recognition at the event.
We are asking exhibitors display products and information for products to improve IAQ and/or energy usage.
Cost $300

Attendee
Includes the buffet dinner, cash bar happy hour with exhibitors, technical presentation from Bill, round table discussion with Bill and Don.
Cost $50

Register by Eventbrite or by mail
http://ASHRAEmarchRPdinner.eventbrite.com
Send checks payable to Cincinnati Chapter ASHRAE to:
Joe Zirkelbach
12009 Tramway Dr
Cincinnati OH 45241

Contact Name______________________________________________
Contact email_____________________________________________
Contact phone number_______________________________________

Presenting sponsor _________ @ $500 =_________
Table exhibitor _________ @ $300 =_________
Attendee _________ @ $50 =_________
If more than one attendee please list all names

Total amount $_________

Sponsorships and table reservations are due by March 2, 2015
Attendees who sign up after March 5, 2015 will be charged and extra $5
All no shows will be billed by the Chapter
For questions contact Joe Zirkelbach @513-981-2733 or email joe@controlled-air.com