Join Us!
May 8, 2014

ASHRAE GOLF OUTING
Heatherwood Golf Course
Springboro, Ohio
Shotgun Start @ 1:30 PM
Dinner is at 6:30 PM

After May 1st
Dinner and Golf $110 per Player
Dinner Only $30 per Person
Contact Nick Lamb for more information:
NickLamb@habeggercorp.com

Reminder: Proceeds go to
ASHRAE’S Research Program & Scholarship Program

COMING EVENTS:
♦ May 8—Dayton ASHRAE Golf Outing at Heatherwood
♦ May 21—BOG Meeting, Heapy Engineering, 8 AM
♦ June 28—July 2—AHRAE Annual Conference, Seattle, WA
A Note from the President:

This year’s Technical Tour was a great success! Thank you to Jeremy Fauber, Steve Elrich, and the Grandview Medical Center staff for making it all possible! The Board of Governors is wrapping up another very positive year. After a thrilling set of elections, I am honored to have the following Officers/Board Members serve with me next year: President-Elect – Mike Kennedy, Treasurer – Nathan Lammers, Secretary – Rob Mauro, and BOG at Large – Rick Pavlak, Jeremy Fauber, and Larraine Kapka. Congratulations to all! I traveled to Ft. Wayne, IN over the weekend for President-Elect training and I must say, there are a lot of exciting opportunities ahead of us. Let’s keep the positive momentum going and make it another great year!

There are still plenty of team spots and sponsorship opportunities available for this year’s Golf Outing on May 8! Please refer to the attached information for details.

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

Evan Nutt, President, Dayton ASHRAE

Research Promotion Notes:

“1-2-3” campaign for 2013-2014:

98.9% of Goal—Final Push Time!

♦ One more Company at the $150 level or higher (last year there were 5) √
♦ Two more individuals (last year there were 24)
♦ Three more dollars (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 7.

See the new 2013-2014 research promotion honor roll on page 3!

$150 to take us over the top!
Corporations

**PLATINUM ($1000 or more)**
- Dayton ASHRAE Chapter
- Emerson Industrial Automation

**GOLD ($500 or more)**
- Waibel Energy Systems

**SILVER ($250 or more)**
- Applied Mechanical Systems of Dayton
- Heapy Engineering
- Rieck Services
- Uptime Solutions

**BRONZE ($150 or more)**
- Allied Supply Company, Inc.

Individuals

**HONORS ($100 or more)**

- Jeremy Fauber
- Tom Ferdelman
- Larraine Kapka
- Michael Kennedy
- Kyle Kurtz
- Nathan Lammers
- Dennis Lammlein
- Frank Mauro
- Russ Marcks
- Steven Meier
- Evan Nutt
- J.R. (Bob) Patterson
- Rick Pavlak
- Kyle Schroeder

**HONORABLE MENTION**

- John Keefe
- The Habegger Corporation
- Richard B. Pavlak
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

Please note:
If you do not have an ASHRAE ID, are 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 5 for local opportunities or contact any Board member (listed on page 2).
**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.

Each of these positions requires just a few hours a month. Please contact any Board Member (see page 2 for directory).
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: Larraine.Kapka@Sinclair.edu

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: Larraine.Kapka@Sinclair.edu

Ready to Give Back to YOUR Industry?
Dayton ASHRAE needs members to work on committees.
Contact Evan Nutt at:
Evan.Nutt@trane.com
2012-2013 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 at 117% of goal and beating all other Region V chapters. ASHRAE as a whole raised 3.3% more money than last year. 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
ASHRAE JOINS NAHB AND ICC TO DEVELOP NEW NATIONAL GREEN BUILDING STANDARD

WASHINGTON, March 27 - The National Association of Home Builders (NAHB), building science society ASHRAE and the International Code Council (ICC), developers of the ICC Family of Codes for the built environment, today agreed to jointly develop the 2015 edition of the ICC/ASHRAE 700 National Green Building Standard. This is the third edition of the standard and the first time that ASHRAE has partnered on its development. “ASHRAE’s participation is welcome news for the home building industry,” said NAHB Chairman Kevin Kelly, a home builder and developer in Wilmington, Del. “This cements the position of the National Green Building Standard as the preeminent green standard for residential construction.”

In 2007, NAHB and ICC convened a consensus committee of home builders, code officials, product manufacturers, building science and energy-efficiency specialists and governmental representatives to develop the standard. It was approved in 2009 by the American National Standards Institute (ANSI) as the first green standard for residential construction, development and remodeling. Since then, the National Green Building Standard has helped define and advance sustainable home building, remodeling and development – a sector expected to represent as much as a third of the market by 2016. Now known as the ICC 700 National Green Building Standard (NGBS), it was updated in 2012 by a subsequent consensus committee and again approved by ANSI. NGBS has been used to certify more than 32,000 single- and multifamily homes and residential developments for reaching its established benchmarks for energy, water and resource efficiency, indoor environmental quality, home owner education and site development.

“As one of the nation’s leading societies for building technology, ASHRAE brings years of experience and knowledge to the table, particularly in the areas of indoor environmental quality and energy efficiency,” said ICC Board President Stephen Jones, CBO, and CEO Dominic Sims, CBO, in a joint statement. “ASHRAE’s welcome involvement will help position the ICC/ASHRAE 700 National Green Building Standard even further ahead as the leading consensus standard in the industry.”

“ASHRAE is pleased to stand beside NAHB and ICC as a co-sponsor of Standard 700-2015,” ASHRAE President Bill Bahnfleth said. “This collaborative agreement provides a path forward for ASHRAE to contribute its technical and standards expertise to support one of the most important sectors of the built environment – our homes. We look forward to this joint effort to promote sustainability in the residential sector.”

About ASHRAE: 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, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow’s built environment. More information can be found at www.ashrae.org/news.

About ICC: The International Code Council is a member-focused association. It is dedicated to developing model codes and standards used in the design, build and compliance process to construct safe, sustainable, affordable and resilient structures. Most U.S. communities and many global markets choose the International Codes.

About NAHB: The National Association of Home Builders is a Washington-based trade association representing more than 140,000 members involved in home building, remodeling, multifamily construction, property management, subcontracting, design, housing finance, building product manufacturing and other aspects of residential and light commercial construction. NAHB is affiliated with 800 state and local home builders associations around the country. NAHB’s builder members will construct about 80 percent of the new housing units projected for this year.
### DAYTON CHAPTER ASHRAE HISTORY

**1972/73**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Employer</th>
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</thead>
<tbody>
<tr>
<td>PRESIDENT</td>
<td>Almar S. Fraley</td>
<td>Hughes Bechtol</td>
</tr>
<tr>
<td>VICE PRESIDENT</td>
<td>Gene Hughes</td>
<td>Hughes Bechtol</td>
</tr>
<tr>
<td>SECRETARY</td>
<td>W. Thomas Kunas</td>
<td>C.D. Weaver Co.</td>
</tr>
<tr>
<td>TREASURER</td>
<td>John Kolb</td>
<td>Lorenz &amp; Williams</td>
</tr>
<tr>
<td>BOD</td>
<td>Richard Pearson</td>
<td>Heapy &amp; Assoc.</td>
</tr>
<tr>
<td>BOD</td>
<td>Howard Brown</td>
<td>Frigidaire Div of GM</td>
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<tr>
<td>BOD</td>
<td>Frank Mauro</td>
<td>Johnson Service</td>
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<tr>
<td>Roster</td>
<td>W. Thomas Kunas</td>
<td>C.D. Weaver Co.</td>
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<td>Membership</td>
<td>Richard Stroh</td>
<td>Hughes Bechtol</td>
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<tr>
<td>Research Promotion</td>
<td>Robert Hartman</td>
<td>Airtemp Div.</td>
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<tr>
<td>Telephone</td>
<td>Frank Mauro</td>
<td>Johnson Service</td>
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<tr>
<td>Program</td>
<td>James Tudas</td>
<td>Trane Company</td>
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### General Information
- **Meeting's were held at the Carillon Cafeteria**
- **CRC Held in Cincinnati**
- **Regional Director** Chuck Sepsy

### PROGRAMS

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Location/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/7/1972</td>
<td>Golf Outing</td>
<td>Sugar Valley C.C.</td>
</tr>
<tr>
<td>10/9/1972</td>
<td>Joint Meeting w/ Cin. Electric Heaters</td>
<td>Imperial House South</td>
</tr>
<tr>
<td>10/19-21/72</td>
<td>CRC Cincinnati</td>
<td>Terrace Hilton</td>
</tr>
<tr>
<td>12/4/1972</td>
<td>Tech. Meeting</td>
<td>Carillon Cafeteria</td>
</tr>
<tr>
<td>1/8/1973</td>
<td>Tech. Meeting</td>
<td></td>
</tr>
<tr>
<td>2/5/1973</td>
<td>Franklin Waste Treatment Plant</td>
<td>Don Graves of WPAFB Avionics Lab</td>
</tr>
<tr>
<td>3/12/1973</td>
<td>Tech. Meeting</td>
<td>Carillon Cafeteria</td>
</tr>
<tr>
<td>5/19/1973</td>
<td>Auto Air Conditioning</td>
<td>Carillon Cafeteria</td>
</tr>
<tr>
<td>5/19/1973</td>
<td>Awards Banquet/Dinner Dance</td>
<td>WPAFB Civilian Club</td>
</tr>
</tbody>
</table>

**Presidential Award Of Excellence**
Application Engineer

Emerson Climate Technologies in Sidney, OH -- This position will provide technical support to AC customers and sales team in the application of compressor electronics. Position will interface with cross functional teams including electronics engineering, product engineering, and marketing to drive customer adoption and application of Emerson Climate Technologies compressor electronics initiatives. Application support will include writing application engineering bulletins, customer training, assisting with field testing, and providing after-the-sale support to OEM's. Bachelor’s Degree. Four year degree in engineering plus a minimum of 2 years relevant experience. Applicant must have residential and commercial HVAC system knowledge and experience in selecting compressors and system components. Must be able to read electrical schematics, troubleshoot, and diagnose electronic circuits. Must have an understanding of quality and reliability systems. Must be a proficient technical report writer and familiar with Microsoft Office, mainframe applications, PPT, Team center, CPID/OPI, and other product selection tools. Please submit application online at www.emerson.com/careers.
POSITION DESCRIPTION

POSITION TITLE/LOCATION:
Commercial Inside Sales Engineer, Habegger Commercial Group, Cincinnati, OH

GENERAL RESPONSIBILITIES:
Provide application and sales support for internal and external customers by identifying and pricing commercial equipment solutions.

QUALIFICATIONS:
Bachelors of Science in Engineering or experience in estimating plan/spec projects. Great written and oral communication skills. Fluent with computer applications and operating systems including Windows, Word Processing, and Electronic Spreadsheets.

Ability to make decisions without close supervision, and must be accurate, efficient and capable of handling detailed work assignments. Proven ability to work independently and self-motivated; also work cooperatively and motivate other associates. Ability to maintain self-control and complete tasks with frequent interruptions. Flexibility to adapt to changes in organizational structure and move among departments when necessary. Maintain respect at all times for confidential information.

PRINCIPAL DUTIES:
1. PLAN AND SPEC PROJECT ESTIMATING: Scan plan centers / download potential plan/specification projects for bids. Track and follow commercial activities of published plan and specification projects. Perform take-offs, identifying inconsistencies with specified equipment, generating scope letters, and developing pricing for selected equipment. Lead job meetings / assist with strategies on packaging projects.

2. TECHNICAL AND PRICING ASSISTANCE: Provide technical assistance to Sales Engineers and Customers to ensure proper equipment selection and appropriate application to achieve the desired objective. Develop scope and/or proposal for equipment selected including any required costs such as options, accessories, delivery and other costs that may be associated with the project. Document criteria used to select equipment and maintain information in project file.

3. CUSTOMER REQUESTS FOR TECHNICAL ASSISTANCE AND EQUIPMENT PROPOSALS: Provide technical assistance and develop proposal for equipment directly in response to customer requests in accordance with technical and pricing guidelines developed by Operations Manager.

4. MARKETING AND ACCOUNT DEVELOPMENT: Assist Commercial Operations Manager and Marketing Department in identifying and implementing marketing strategies to achieve corporate goals. Communicate with new and existing customers to develop or maintain relationship.

5. RECORD KEEPING: Maintain accurate log of all activities including at a minimum, call log, open quotes, pending proposals, and sales projections. Attend weekly sales meeting to report activities of previous week. Complete attendance reports, time off requests, expense reports, staff development requests, employee self-evaluations, etc. accurately and efficiently in accordance with established policies and procedures. Maintain an organized work area with manageable filing system that allows authorized employees the ability to locate information in your absence.

6. PROFESSIONAL ORGANIZATIONS: Maintain membership and participate in various profession organizations as directed by the Commercial Operations Manager. Attend meetings and volunteer as necessary to maintain presence and promote the Habegger and Carrier Corporations.

7. OTHER DUTIES: Maintain an atmosphere of cooperation and team spirit with all company associates. Assist other departments and perform job related duties as assigned.

SUPERVISORY RELATIONSHIP:
Immediate Supervisor: Commercial Operations Manager, Pete Doyle
Supervised: None
POSITION DESCRIPTION

POSITION TITLE/LOCATION:
Commercial Application Engineer, Habegger Commercial Group, Cincinnati, OH

REPORTS TO: Commercial Sales Manager / Regional Manager
(Contact Brian Isaacs For Interest: 513.612.4739 or brianisaacs@habeggercorp.com)

PURPOSE: Promote and Support Engineered Products represented by Habegger:

Establish relationships with consulting engineers to support product questions and designs of Habegger represented products.

Sales calls and job site visits with internal sales team to assist in supporting mechanical contractors for design assistance of Habegger represented commercial products.

Establish relationships with building owners/facility managers to assist/support in design assistance of Habegger represented commercial products.

DUTIES AND RESPONSIBILITIES:

ACCOUNT MANAGEMENT: Primary account management will be sales support to consulting engineering firms. Call on firms to understand their business needs and develop tailored solutions. Provide design and equipment selection assistance. Organize lunch and learn presentations, schedule one on one appointments, group meetings, off site customer events, product training, and factory trips.

PRICING: Per specific assigned consulting engineering accounts - price applied equipment for projects; develop scope and/or proposal for equipment selected; review specifications prior to pricing; clarify any product vs spec discrepancies. Provide bid support to sales team. Assist in any submittal issues as needed.

MARKETING: Assist Branch Manager and other sales engineers to implement marketing strategies to achieve corporate sales goals or market share. Commercial Application Engineer will be responsible for a quarterly market/account development activity to increase local product awareness. Recommended activities include: engineering breakfast on industry topic, engineering conference / technical session, arrange and organize a product site visit/demo, and/or organize a factory visit with customers.

PROFESSIONAL ORGANIZATIONS: Maintain membership and participate in various professional organizations as directed by the Commercial Sales Manager/Regional Manager. Attend meetings and volunteer as necessary to maintain presence and promote the Habegger represented commercial products. ASHRAE will be a required organization plus one other.

TEAMWORK: Collaborate with existing outside sales engineers and inside support team. Work together on bid day to help ensure successful bid to contractors. Attend and actively participate in weekly sales meetings.

OTHER DUTIES: Completion of expense reports on a monthly basis. Employee needs self initiative for training needs. Maintain an atmosphere of cooperation and team spirit with all company associates. Assist other departments and perform job related duties as assigned.

The description above represents the most significant duties of this job, but does not include other occasional work assignments not mentioned.

QUALIFICATIONS: Bachelor’s degree in engineering or engineering skills by work experience. Skills with word, PowerPoint, Lotus Notes, and Excel. Presentation skills to present various presentations on HVAC topics and products.
Please select:

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

_________________________________
Your Name
__________________________________
Home Address

City State Zip

( ) _______ _______
Home Phone

_________________________
Home e-mail address
_________________________
Alternate e-mail address

Student members only:

Student: School _______ Degree _______ Approximate Graduation Date _______

SEND NEWSLETTER TO: Home Address  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, 2013 and ending June 30, 2014.

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