



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

Dayton Chapter
PO Box 3202 Dayton, OH 45401



JANUARY HOLIDAY SOCIAL

Gourmet Meal at Sinclair Community College

Saturday, January 22, 2011 @ 6:30 PM

Building 13, 4th Floor (free parking behind Building 13 off Perry Street)

Cost:

Members and one guest: free

Other guests: \$50 per person

No special student pricing

See flyer on page 8 for menu

Limited seating—sign up today!

RSVP: By Wednesday, January 12, 2011, 12 noon to
Jeremy Fauber at JPFauber@heapy.com or 224-0861

COMING EVENTS:

- ◆ Dayton ASHRAE BOG Meeting — January 20, 2011 — 8 AM
Heapy Engineering
- ◆ February Meeting on BIM with Revit hands-on—February 21,
2011 at Sinclair Community College (2 PDH available)

ASHRAE

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President's Monthly Brief:

January is the time for our non-meeting meeting. It is a time for the Dayton ASHRAE group to enjoy food, friends and fellowship. Like last year, Dayton ASHRAE will take advantage of a great local asset, the Sinclair Community College Culinary School. Space is limited, so act now! Make sure you have your spot reserved for what will be an exceptional evening. We will get back to the learning next month.

Please continue to spread the word about our Scholarship offerings. Up to two \$500 scholarships will be awarded this year to deserving students who are either related to a Dayton ASHRAE member or who are Student ASHRAE members themselves. More details can be found on our website www.daytonashrae.org. The deadline to apply is January 31, 2011.

The Board and I hope you enjoyed the Holiday Season, and wish you all a Happy and Prosperous New Year.

Rick Pavlak PE, LEED AP

**Holiday Dinner
January 22!
Make reservations today!**

Dayton ASHRAE Scholarship Qualifications:

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. **More details on flyer on page 9!**

Research Promotion Notes:

How about a New Year's Resolution to contribute to ASHRAE Research.

Start the year off right—make your contribution today!

See page 5 for details.

Coming soon: How you can multiply your research contribution through the ASHRAE Foundation!

Dayton ASHRAE 2010-2011 Schedule

September 13, 2010: Young Engineers in ASHRAE,
Lunch Meeting, 11:30 at the Engineer's Club

October 11, 2010: AHRI Update, Engineer's Club

MEMBERSHIP PROMOTION NIGHT

5:00 Tech session on Equipment Selection (1 PDH)

6:00 Dinner, AHRI Update (1 PDH)

November 8, 2010: Using CFD in HVAC, Engineer's Club

RESEARCH PROMOTION NIGHT

STUDENT NIGHT

5:00 Tech session, Modeling Dorm Room Airflow (1 PDH)

6:00 Dinner, CFD Modeling Tools (1 PDH)

December 13, 2010: Daylight Modeling, Engineer's Club

Co-sponsored by IFMA

11:30 Lunch (1 PDH)

January 22, 2011: Holiday Party at Sinclair Community College

February 21, 2011: BIM, Sinclair Community College

STUDENT NIGHT

PROGRAM DATE & TIME CHANGE!

5:00 Tech session, Hands-on Revit workshops (1 PDH)

6:00 Dinner, BIM Update (1 PDH)

March 15, 2011: Building Energy Modeling, Engineer's Club

Co-sponsored by AIA PROGRAM DATE & TIME CHANGE!

3:00 Technical Program, (2 PDH)

6:00 Dinner

April 11, 2011: 90.1-2010, Engineer's Club

MEMBERSHIP PROMOTION NIGHT

5:00 Tech Session, Applying 90.1 (1 PDH)

6:00 Dinner, 90.1-2010 Update (1 PDH)

April 21, 2011: ASHRAE Webcast, Sinclair Community College

1:00—Geothermal Heat Pumps (3 PDH)

May 12, 2011: Golf Outing

BOG Meetings: 3rd Thursdays of the month, 8 AM, Heapy

9/16, 10/28, 11/18, 12/16, 1/20, 2/17, 3/17, 4/21, 5/19, 6/16



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

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

Volunteers Needed

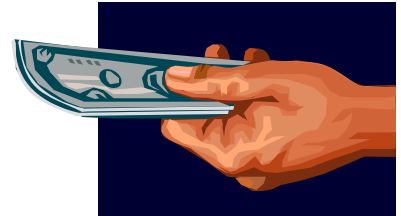
Ready to Give Back to YOUR Industry?

Dayton ASHRAE needs members to work on committees.

Contact Rick Pavlak at:

RPavlak@Heapy.com

2010-2011 ASHRAE RESEARCH Dayton ASHRAE



Contribution Form

2010 was a banner year for ASHRAE with the publication of 90.1-2010 and Standard 189. The Dayton Chapter again met their goal to raise money for research last year. With so much work to do to reach ambitious energy consumption reduction goals, more research is needed than ever before! You can help make the difference!

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): _____

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:

Dec. 20, 2010

Contact Jodi Scott Public Relations
678-539-1140
jscott@ashrae.org

ASHRAE: Standard 189.1 Adopted as Part of Army Sustainability Policy

ATLANTA – ASHRAE leaders recently met with U.S. Army officials regarding a new sustainable design and development policy that incorporates requirements of the green building standard developed by the Society, USGBC and IES. The U.S. Army has made it a matter of policy to promote sustainability and improve green building standards for its facilities. On Oct. 27, 2010, Katherine Hammack, assistant secretary of the Army for installations, energy and the environment (IE&E), issued a policy memorandum that incorporates ANSI/ASHRAE/USGBC/ IES Standard 189.1-2009, *Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings*.

The Army's policy sets a new approach to the design and construction of efficient military construction projects and major renovations by using Standard 189.1 as the baseline. The policy requires that facility construction projects follow specified requirements and guidance in the standard. These requirements address siting, energy efficiency, cool roofs, metering, storm water management and indoor and outdoor water consumption. "After nearly four years of peer review and collaboration with various members of industry, we are extremely pleased that the Army has taken up the initiative to incorporate the standard into its day-to-day practices," Lynn G. Bellenger, ASHRAE president, said. "The Army is clearly committed to taking the lead within the military to incorporate innovative practices proven by the private sector. Their willingness to adopt this standard speaks volumes about its value and efficacy."

The net effect of the Army's sustainable design initiative is likely to be immense. The policy applies to all construction and renovation of new buildings and structures in the U.S. territories, permanent overseas Active Army installations, Army Reserve Centers, Army National Guard facilities and Armed Forces Reserve Centers. The footprint of the existing Army buildings and structures worldwide covers more than 954 million square feet. We are committed to sustainable design and development but our commitment extends far beyond construction and renovation savings," Hammack said. "We are on a path to integrating energy and sustainability considerations into our fundamental way of thinking as we progress toward net-zero energy, water and waste in buildings and installations."

ASHRAE leadership and Army officials discussed how the Society could continue development and stringency of Standard 189.1 to provide guidance toward net-zero buildings. Additionally discussed were how ASHRAE can help fulfill the Army's training needs regarding the standard and how 189.1 fits in to Army's long-term plans to make their facilities more sustainable. Standard 189.1, published earlier this year by ASHRAE in conjunction with the Illuminating Engineering Society of North America (IES) and the U.S. Green Building Council (USGBC), provides a long-needed green building foundation for those who strive to design, build and operate green buildings. Standard 189.1 also serves as jurisdictional compliance option to the International Green Construction Code authored by the International Code Council, ASTM International and the American Institute of Architects.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

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The Official Jobs Board for the American Society of
Heating, Refrigerating and Air-Conditioning Engineers

Welcome to ASHRAEJobs.com
Your source for HVACR Engineering Careers





Dayton Chapter ASHRAE
<http://www.daytonashrae.org>
Membership Application and Roster Information 2010-2011

Your Name

Home Address

City **State** **Zip**

() - _____
Home Phone **Spouse Name**

Home e-mail address

Your Company Name

Business Address

City **State** **Zip**

() - () -
Business Phone **Ext.** **Fax Number**

Business e-mail address

SEND NEWSLETTER TO: Home Address Home email address Business Address Business 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 Chapter Office
 CTTC (Refrigeration; Technical, Energy & Government; Programs) Golf Outing Communication
 Holiday Party Honors & Awards

Please Select Your Preferred Roster Affiliation

Consultant Contractor Industry/Government Retired
Education Student: School _____ Degree _____ Approximate Graduation Date _____

Wholesalers, Manufacturer's Rep/Sales Offices, Fill in trade names of products you represent below

Air Devices		Louvers and Dampers
Air Handlers		Make-Up Air Units
Boilers		Packaged A/C
Building Automation		Pre-Insulated Pipe
Chillers		Pumps
Coils		Sound Attenuation
Computer Room Equipment		Steam Specialties
Cooling Towers		Air Terminal Units
Ductwork		Thermal Storage
Dust Collection		Unit Heaters
Fans		Unit Ventilators
Fan Coil Units		Vibration Isolators
Filtration		Valves
Heat Exchangers		Variable Speed Drives
Heating Equipment		Water Source Heat Pumps
Humidity Control		Water Treatment
Kitchen, Laboratory Fume Hoods		Other

*Dayton Chapter ASHRAE dues for the Society year beginning July 1, 2010 and ending June 30, 2011 are \$95 per year. Dayton Chapter ASHRAE dues include 6 dinner/lunch meetings, and both you and a guest for the holiday event. * Note: Be sure to begin paying Local dues when you pay your National Dues.*

**Please return this application and a check or money order in the amount of \$95 made payable to Dayton ASHRAE to:
 DAYTON ASHRAE, PO Box 3202, Dayton, OH. 45401**

Paid local dues with your annual dues? Please return the form anyway!

Let's Get Ready to Party!

Come enjoy a gourmet meal prepared and presented by the Sinclair Community College Culinary Competition Team

Appetizers: Assorted sausages, cheeses & marinated vegetables
Salad Haley's salad
Entree Roasted Rack of Lamb, Rissoto and Patty Pan Squash
Dessert Double chocolate Cake with layer of raspberry puree
One course of wine included
Additional wine courses may be purchased at the door

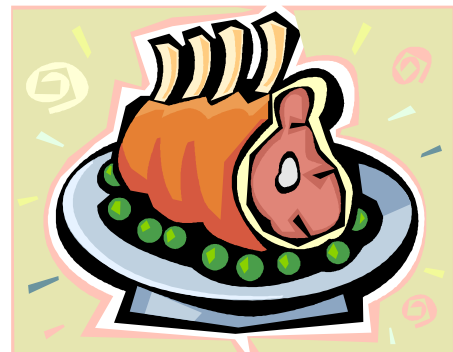
Date: 01/22/11

Time: 6:30 PM

**Dayton ASHRAE Members
and 1 Guest: FREE
Other guests: \$50 per
person**

**SINCLAIR COMMUNITY COLLEGE
BUILDING 13, 4TH FLOOR
FREE PARKING BEHIND
BUILDING 13
(OFF PERRY STREET)**

Reservations required by:
January 12, 2011 to
jpfauber@heapy.com
or 224-0861.



**Limited to
first 80
reservations;
don't delay,
reserve
today!**



ASHRAE

\$500 SCHOLARSHIPS*



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

Dayton Chapter

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, 2010 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? famauro@heapy.com

Application Must be Postmarked by
January 31, 2011

*Up to two scholarships will be awarded.

REGION V DINNER

LAS VEGAS WINTER MEETING **JANUARY 2011**

SUNDAY EVENING, JANUARY 30, 2011

AT

BATTISTA'S HOLE IN THE WALL RESTAURANT

Located at 4041 Audrie Street behind the Flamingo Hotel (at Flamingo Road)
(see attached Map)

The 2011 Winter Meeting Region V Dinner will be on Sunday evening January 30 at Battista's Hole in the Wall Restaurant in Las Vegas. The restaurant is about a 2 ½ miles from the Hilton Hotel and the Convention Center. It is right behind the Flamingo Hotel. Note that it is immediately adjacent to the monorail station for the Flamingo. The monorail also has a station at the Hilton. Cost for monorail is \$5 each way or \$12 for a 24 hour pass.

As at the last few winter meetings, we are having the Region V dinner on Sunday evening to avoid conflicts with vendor hospitality suites and to encourage attendance by Region V members that we don't usually see at the dinner. We sincerely hope that this does not cause any schedule conflicts for our usual attendees as we would like to see all of them there also.

Below is a MENU for the dinner. Social hour will be from 6:00 pm to 7:00 pm with a cash bar available. The social hour will be in the lounge and we will move to our tables for dinner about 7:00 pm. They do not have separate rooms for groups, so we will be seated at several adjacent tables.

We look forward to seeing all of our "regulars" and hope to have many newcomers also. **Please let me know as soon as you can** that you will be there. I need to give the restaurant a preliminary count on January 22, so it would be better to reserve ahead instead of signing up on-site. Feel free to call or email me for your reservation or with any questions. My office phone is (513) 782-4927, cell phone is (513) 378-1394 and email is fbetz@aol.com or fbetz@pedcoea.com.

We look forward to seeing you there.

Fred and Donna Betz

Due to problems at past dinners with the handling of individual credit cards, I would like to collect cash or checks for the dinner when you arrive at the restaurant. I will provide receipts for your expense account. **Cost is \$40 or \$43 or \$49 per person including tax and gratuity (see menu options below).**

MENU



ALL DINNERS INCLUDE

Minestrone Soup or Italian Salad, Garlic Bread, Pasta Side & Homemade Cappuccino.

FREE HOUSE WINE INCLUDED -- Red or White

Pasta Dishes

1. Ravioli (Cheese)
2. Lasagna
3. Manicotti (Cheese)
4. Canelloni (Meat)
5. Eggplant Parmegiana
6. Fettuccine Seafood Sauce

Spaghetti or Ziti

with choice of one sauce

7. Sausage Cacciatore
8. Meatballs (2)
9. Meat Sauce
10. Pomodoro

Chicken, Veal, Etc.

11. oz. Boneless Breast of Chicken
12. Chicken Rio
13. Chicken Parmegiana
14. Chicken Cacciatore
15. Steak Pizzaiola
16. Linguini Chopped Clams
17. Chicken Alfredo
18. Veal Piccante
19. Veal Marsala
20. Veal Parmegiana



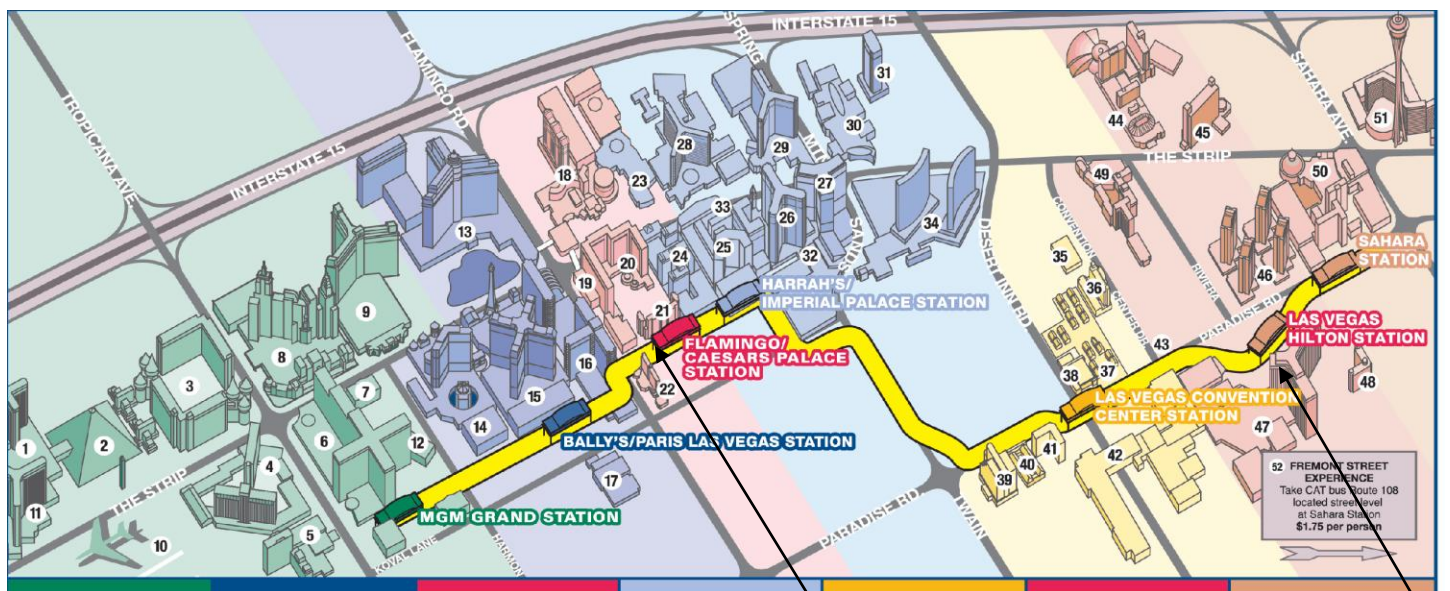
For an additional \$3 (\$43 total), you may have Steak Caruso (sirloin steak) **or** Shrimp w/ Garlic-Butter or Marinara **or** Fresh Fish of the Day

For an additional \$9 (\$49 total), you may have Battista Style Cioppino **or** Filet Mignon (10 oz.) **or** New York Strip Steak (12 oz.)

VICINITY MAP – Note that this map is about 2 miles south of the Hilton and Convention Center.



Las Vegas Monorail Map



Battista's is here

Hilton is here