



[American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.](#)

## ASHRAE

### 2008-2009 OFFICERS

#### **President**

Lorraine Kapka 512-4501  
Sinclair Community College  
[Lorraine.Kapka@Sinclair.edu](mailto:Lorraine.Kapka@Sinclair.edu)

#### **President-Elect**

Jeremy Fauber 224-0861  
Heapy Engineering  
[jpfauber@heapy.com](mailto:jpfauber@heapy.com)

#### **Secretary**

Colleen Haun 513-673-6664  
Ramsay-Cohron  
[chaun@rcme.com](mailto:chaun@rcme.com)

#### **Treasurer**

Rick Pavlak 224-0861  
Heapy Engineering  
[rpavlak@heapy.com](mailto:rpavlak@heapy.com)

#### Committee Chairs

#### **Membership**

Russ Rhodus 223-0811  
2-J Supply  
[russr@2-jsupply.com](mailto:russr@2-jsupply.com)

#### **History**

Tom Ferdelman 224-0861  
Heapy Engineering  
[tferdelman@sbcglobal.net](mailto:tferdelman@sbcglobal.net)

#### **Newsletter Editor**

Lorraine Kapka 512-4501  
Sinclair Community College  
[Lorraine.Kapka@Sinclair.edu](mailto:Lorraine.Kapka@Sinclair.edu)

#### **Research Promotion**

Dennis Lammlein 859-6323x147  
Signature Technologies  
[dlammlein@woh.rr.com](mailto:dlammlein@woh.rr.com)

#### **Student Activities**

Russell Marcks 512-2053  
Sinclair College  
[Russell.Marcks@sinclair.edu](mailto:Russell.Marcks@sinclair.edu)

#### **CTTC**

Mike Kirchens 513-475-3807 or  
937-776-7304  
Elitaire  
[mkirchens@elitaire.com](mailto:mkirchens@elitaire.com)

#### **Past President**

Greg Cohron 513-673-6664  
Ramsay-Cohron  
[gcohron@rcme.com](mailto:gcohron@rcme.com)

#### **Board of Governors**

Frank Mauro 224-0861  
Heapy Engineering  
[famauro@heapy.com](mailto:famauro@heapy.com)

Dayton Chapter  
PO Box 3202 Dayton, OH 45401

<http://www.daytonashrae.org>

## Come Tour With Us!

# Emerson Climate Technologies

1675 West Campbell Road  
Sidney, OH 45365

**Bus Transportation Available for First 47 Reservations!  
North and South Park & Ride Sites Available**



4:00 PM Departure from Heapy Engineering  
4:45 PM Departure from Waibel Energy  
Systems

Paid members: Free  
Student ASHRAE Members: \$10 for first 20  
students, space permitting  
Guests: \$20 at the door

Note: fee includes transportation (space  
available), dinner and program

## April 13, 2009

**RSVP:** Priority reservations for members and students by Friday, April 3. Non-member tentative reservations will be taken on a first-come basis and confirmed starting April 6th. **All reservations required by noon, April 9th.**

**Program:** Update from Emerson Climate technologies on key technologies and current challenges.

**Tour:** Product development and testing laboratories.

Box lunches from Panera and beverages will be enjoyed by all with reservations at the Emerson plant.

**For reservations contact Jeremy Fauber at Heapy Engineering, [jpfauber@heapy.com](mailto:jpfauber@heapy.com) or 224-0861 no later than noon Thursday, April 9th.**

**Note:** Reservations are a "must" to insure that you have a seat!

**Don't miss out—make reservations now!**

## A Note from the President

Great turn-out for our panel discussion—and special kudos to Frank Mauro who worked with the panel ahead of time to make sure they would all stay on track.



April brings us the long-awaited plant trip to Emerson's facility in Sydney. We will have a chartered bus with pick-up locations both south and north of town. Details are on page 1—bus seating is limited, so early reservations are a must!

April brings back the ASHRAE Webcast. This year's topic is Indoor Air Quality and it is worth 3 PDH's towards your Engineering registration renewal. We'll have a "watching party" in the Forum at Sinclair—see page 3 for more details.

We still have some great activities left this year—Golf Outing May 14th (early registration deadline of May 1st gets you a discount) and Dragons tickets on Saturday, May 30th. Get your group together (don't forget the kids and grandkids) and plan for a nice evening of family-friendly fun. June brings the much-anticipated Green Expo, which just gets better every year.

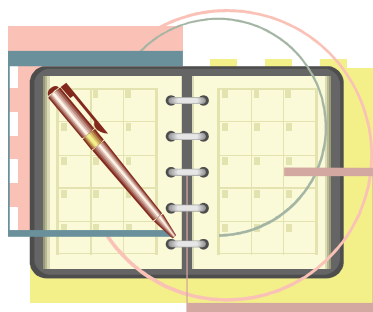
ASHRAE serves an important role in keeping us all connected and up-to-date with our industry. And while the Dayton Chapter has been running smoothly, it doesn't run itself. We need good people to step up and help. Don't have time to be an officer? How about volunteering for a committee, or just to help with a single meeting? Contact any of the board members with your interest, or just come to the next Board meeting on April 16, 2009 at 8 AM at Heapy Engineering.

Check out the Research Promotion Honor Roll for this year on page 4. There is still time to get your name on this prestigious list—use the form on page 6 to make a donation today! Maybe some of that tax refund check?

Sincerely,

Lorraine A. Kapka, P.E.

## Upcoming Board Meetings:



April 16, 2009

May 21, 2009

June 18, 2009

## Coming Events 2008/2009



**October 13, 2008** – Dinner - "Net Zero" Energy Buildings, Membership Promotion night.

**October 27, 2008** - **RESCHEDULED!** Young Engineers in ASHRAE lunch (35 and younger)

**November 10, 2008** – Dinner - Dedicated Outdoor Air Systems (ASHRAE Distinguished Lecturer) Student night and research promotion night. *Tech session: "Standard 62 — What Now?"*

**December 8, 2008** – Lunch - Heating Systems. *Tech session before meeting: Psychrometrics, Part II*

**January 17, 2009** – Holiday Bowling Party at Woodman Lanes in Kettering

**February 9, 2009** – Lunch - Variable Volume Refrigerant Systems *Tech session before meeting: ASHRAE Standard 90.1.*

**March 9, 2009** – Dinner - Integrated Building Design *Tech session before meeting on IBD*

**April 13, 2009** – Bus tour to Emerson Climate technologies plant with Dinner.

**April 22, 2009** - ASHRAE Webcast - Indoor Air Quality at Sinclair Community College

**May 14, 2009** – Dayton ASHRAE Golf Outing at Heatherwood

**May 30, 2009**— Dayton ASHRAE at the Dayton Dragons

**June 20, 2009**—Blue Star Mothers Golf Outing, Pipestone

**June 25, 2009** - Green Expo at Heapy Engineering

**July 31 – August 1, 2009** - Chapters Regional Conference in Akron, Ohio. Chapter officers and committee chairs required to attend - all other members are

## Research Promotion News



Check out the new Research Promotion Honor Roll on page 4. It's not too late to add your name to the list—there is a contribution form on page 6 for your convenience.

## Coming This Month:

**Monday, April 13th**

Bus trip to Emerson and tour

**Thursday, April 16th**

Board of Governors Meeting

8 AM at Heapy Engineering

**Wednesday, April 22nd**

ASHRAE Webcast

1 PM at Sinclair Community College

## Clean, Lean, and Green: IAQ for Sustainable Buildings

April 22, 2009, 1:00 p.m. - 4:00 p.m. EDT

Using the guidance provided by the *IAQ Guide: Best Practices for Design, Construction, and Commissioning* developed through collaboration with ASHRAE, AIA, BOMA, EPA, SMACNA and USGBC, this broadcast will challenge the building community to use enhanced IAQ practices to create a more sustainable built environment. Join ASHRAE in learning more about your role in transforming mid-range practice into best practice for healthy, productive, sustainable indoor environments.

### Tentative agenda:

**1:00 p.m.** Introduction – Don Rheem, Moderator

Opening Remarks – Bill Harrison, ASHRAE President

**Roundtable Discussion** – Presenters

**Martha Hewett** – “Practical, Proven Strategies to Deliver Better IAQ”

**John McFarland** – “Integrating Good IAQ into the Design & Construction Process”

**George DuBose** – “Avoiding Costly IAQ Problems in the Building Envelope”

**Approx. 2:20** Break

**H.E. Barney Burroughs** – “Keeping Buildings Clean: Avoiding and Building Control of Contaminants to Attain and Maintain IAQ Acceptability”

**Hoy Bohanon** – “Improving Your IAQ and Reducing Your Energy Costs through HVAC Design”

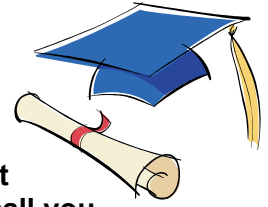
**Audience Question and Answer Session**

**3:55 p.m.** Closing – Don Rheem, Moderator

**Join us at Sinclair Community College in Building 14, Room 130 for snacks and viewing on the big screens.**



## Student ASHRAE News



We now have an official Student Chapter at the University of Dayton to go along with the one at Sinclair. Won't you agree to help when they call you about a student activity?

The Chapter gets PAOE points if regular members attend student branch meetings. Watch for announcements of meetings at UD and Sinclair and help the students and the chapter with your support.

## Dayton Chapter History



Ever wonder where all of the wonderful history information comes from? Tom Ferdelman prepares it based on input from past presidents.

Without your help, this section will be blank. So, if you see your name on the list below, get your history information in to Tom, or this blank space will remain . . . Blank!:

### Histories needed from:

|                 |         |
|-----------------|---------|
| Dennis Helmig   | 1989/90 |
| Rick Huff       | 1990/91 |
| Phil Van Styn   | 1991/92 |
| David Schmenk   | 1992/93 |
| Chris Hampel    | 1993/94 |
| Mark Neiheisel  | 1994/95 |
| John Mosgo      | 1995/96 |
| Dennis Lewis    | 1996/97 |
| David Deger     | 1997/98 |
| Jim Hocker      | 1998/99 |
| David Patterson | 1999/00 |
| Joe Ferdelman   | 2000/01 |
| Jeff Evans      | 2000/02 |
| Russ Marks      | 2002/03 |
| Bart Gruernwald | 2003/04 |
| Bruce Knapp     | 2004/05 |
| Mike Kirchens   | 2005/06 |
| Tom Ferdelman   | 2006/07 |

# Research Promotion Honor Roll 2008-2009

## Corporations

### PLATINUM

*Emerson Climate Technologies*

### GOLD

*Waibel Energy Systems*

### SILVER

*Heapy Engineering*

*Uptime Solutions Associates*

### BRONZE

*Allied Supply*

*Contech Design*

*Helmig Liensch LLC*

*Weber Huff*

## Individuals

### HONORS

*Richard L. Pavlak      Colleen Haun    Jeremy Fauber*

*Larraine Kapka    Greg Cohron    Denny Lammlein*

*John R. Patterson, Jr.    Frank Mauro    Tom Ferdelman*

*Russ Marcks*

### DONORS

*Richard B. Pavlak    Tom Monnig*

**DAYTON ASHRAE**



# Dayton Chapter ASHRAE

<http://www.daytonashrae.org>

## Membership Application and Roster Information 2008-2009

\_\_\_\_\_  
Your Name

\_\_\_\_\_  
Your Company Name

\_\_\_\_\_  
Home Address

\_\_\_\_\_  
Business Address

\_\_\_\_\_  
City State Zip

\_\_\_\_\_  
City State Zip

( ) - \_\_\_\_\_  
Home Phone Spouse Name

( ) - \_\_\_\_\_  
Business Phone Ext. Fax Number

\_\_\_\_\_  
Home e-mail address

\_\_\_\_\_  
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
- CTT (Refrigeration; Technical, Energy & Government; Programs)  Golf Outing  Communication
- Holiday Party  Honors & Awards

### Please Check 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, 2008 and ending June 30, 2009 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!**



# ASHRAE RESEARCH Dayton ASHRAE

## Contribution Form

Thank you in advance for your commitment to ASHRAE Research! Remember, this is 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 the future HVAC&R research and professional development.

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

\_\_\_\_\_

**Phone Number:** \_\_\_\_\_

**Member Number (If known):** \_\_\_\_\_

**Amount:** \_\_\_\_\_

**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**

