



# Mississippi Valley Chapter Newsletter

April 2007

<http://www.mississippivalleyashrae.org>

Monthly Newsletter

## Event Schedule

- September 21, 2006  
Daylighting and Its Impact on HVAC
- October 19, 2006  
Commissioning for LEED Projects
- November 16, 2006  
RP 1219 HVAC Acoustics
- December 20, 2006  
Social Night – Dinner Theater at Circa 21
- January 18, 2007  
Air Barriers for Building Envelope
- February 15, 2007  
Dedicated Outdoor Air Systems
- March 15, 2007  
Variable Primary Flow Pumping Strategy
- April 26, 2007  
History of Steam Heat
- May 17, 2007  
Building Tour – John Deere Harvester Works
- June 1, 2007  
Golf Outing

## The History of Steam Heat

This month our meeting program will be on the history of steam heat. Dan Holohan will present on this topic. He is well known throughout the heating industry for his entertaining, anecdotal style of speaking.

Dan Holohan began his love affair with older heating systems in 1970 by going to work for a New York-based manufacturers representative that was deeply involved in the steam and hot-water heating business. He studied hard, prowled many basements and attics with seasoned old-timers, and paid close attention to what they had to say.

Today, Dan operates the popular website, HeatingHelp.com. He writes monthly columns for *Plumbing & Mechanical*, *PMEngineer*, and *Supply House Times* magazines. His articles have also appeared in *Old-House Journal*. He's written 15 books on subjects ranging from steam- and hot-water heating, to teaching technicians. His degree is in Sociology, which Dan believes is the perfect preparation for a career in heating.

From Maine to Hawaii, and from Florida to Alaska, Dan has taught over 200,000 people at his seminars.

Whether you're involved in heating buildings with steam or commercial steam systems you're going to enjoy Dan Holohan's lighthearted look at the world of contracting and engineering. Dan dishes out incredibly useful (and often hard to find) technical information in a *most* delicious way. We know you're going to enjoy his stories about the situations that folks manage to get themselves into when it comes to steam. You will not fall asleep at this one. Guaranteed!

Dan has written several best-selling books about steam heating, and he's spent years in the real world watching heating professionals do borderline obscene things to some of America's most mysterious systems.

### April 26<sup>th</sup> Program

**Location:** *The SteepleGate Inn  
100 W 76th St  
Davenport, IA*

**Program:** *The History of Steam Heat*

**Agenda:** *4:30-5:30 Program  
5:30-5:45 Meeting  
5:45-6:45 Dinner*

**Menu:** *Famous Fish Fry  
Coleslaw  
Rye Bread  
Relishes  
Desert*

**Cost:** *Members: Free  
Others: \$15*

**RSVP:** *[Online](#) or call Pat Igou  
at 309-748-5903 by  
Monday, April 23.*

Here are the Top Ten Dumb Things Folks Do with Steam (just in case you can't wait!):

1. They believe they're just working on a part of the system.
2. They remove the insulation from the steam lines.
3. They don't figure the time it's going to take to clean the system.
4. They make believe that old vacuum pump isn't important.
5. They line-size steam traps and pressure-reducing valves.
6. They oversize the replacement boiler.
7. They don't think like air.
8. They install one-pipe steam vents on two-pipe steam radiators.
9. They try to "Master Trap" the system.
10. When they get frustrated, they raise the steam pressure.

### *ASHRAE Announces Healthcare Design Professional as First Certification*

A program to certify healthcare facility design professionals is being launched by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). The first examination to earn the credential will be held on June 28 in Long Beach, Calif., immediately following ASHRAE's Annual Meeting there. Subsequent examinations will be Web-based at testing facilities nationwide.

ASHRAE's Healthcare Facility Design Professional (HFDP) certification will designate understanding of a body of knowledge identified by ASHRAE as being critical to successful facility design.

"An ASHRAE certification will let employers know that the certification earner has mastered a significant body of knowledge in a specific aspect of HVAC&R design, as determined by industry professionals in that field and has met specified eligibility requirements," says ASHRAE President Terry Townsend. "Firms who employ ASHRAE-certified engineers will be better able to promote their services. This is an invaluable benefit to ASHRAE members to help them stand out from the competition."

The technical content for the healthcare facility design certification exam was developed in conjunction with the American Society for Healthcare Engineering (ASHE) of the American Hospital Association (AHA). ASHRAE will work with other industry organizations to develop additional certification programs, including sustainability, commissioning, and building operations and management.

Persons interested in earning the certification must meet certain eligibility requirements and submit a completed application. Membership in ASHRAE is not required to participate.

The first offering on June 28 consists of a two-hour, multiple choice, 100-question written exam. Participants will receive their scores within six weeks. Each exam program will have its own recertification or renewal requirements, potentially including such professional development activities as attending meetings or taking courses sponsored by ASHRAE and other organizations.

Optional resources, such as online sample exam questions, are available to help candidates prepare for the exam. Other resources include the ASHRAE publication HVAC Design for Hospitals and Clinics and two short courses will be offered at the 2007 ASHRAE annual meeting: Healthcare Facilities Best Practice HVAC Design Considerations and Criteria and Healthcare Facilities Best Practice Applications of HVAC Systems.

The exam cost is \$275 for ASHRAE members and \$395 for non-members. For more information, visit [www.ashrae.org/certification](http://www.ashrae.org/certification) or e-mail [certification@ashrae.org](mailto:certification@ashrae.org).

*ASHRAE Sponsors One-Year Washington Fellowship*  
*Applicant to work in government advisory role*

Forget Mr. Smith Goes to Washington. This year, Mr. or Ms. HVAC Engineer is going as well.

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) is sponsoring a one-year fellowship in Washington, D.C., that will allow the participant to work in the federal government in a technical advisory role. Possible placement areas include the White House Office of Science and Technology Policy, Congress or a federal agency such as the Department of Energy or the General Services Administration

The fellowship is designed to educate participants on the inner workings of federal policy-making, to provide scientific guidance and analysis to decision-makers, and to increase the visibility and involvement of scientists and engineers in the public policy arena.

“Federal government fellowships provide engineers with a unique opportunity to participate directly in the policy making process,” says Doug Read, ASHRAE’s program director of government affairs. “This experience enables Fellows to bring back to their employers an insider’s perspective on government decision making that can contribute significantly to the mission and vision of the organization.”

The fellowship runs from September through August 2008, and an orientation is conducted through the American Association for the Advancement of Science.

Candidates should possess a doctoral or other terminal degree in engineering or a scientific discipline. Final placement of the selected fellow depends on the needs of the government offices and agencies at the time as well as on the skills and experience of the applicant.

ASHRAE members interested in applying for the Fellowship can contact Doug Read, at (202) 833-1830 or e-mail [dread@ashrae.org](mailto:dread@ashrae.org). The deadline is June 1.

2006-2007 Officers/Board of Governors

President: Bruce Britson  
Vice President: Jim Nonnenmann  
Treasurer: Andrew Price  
Secretary: Pat Igou  
Past President: Gary Lange  
Member at Large: Eric Granzow  
Member at Large: Brian Hodgins

2006-2007 Committee Chairs

CRC Delegate: Jim Nonnenmann  
CRC Alternate: Andrew Price  
Historian: Sherm Sweeney  
Membership: Tracy Van Damme  
Programs: Jim Nonnenmann  
Resource Promotion: Gary Lange  
Seminar: Bruce Davis  
Student Activities: Matt Schneider  
CTTC: Jon Bovenkamp  
Webmaster: John Schaub

Monthly Meetings

The regular monthly meetings for the Mississippi Valley Chapter of ASHRAE are held on the 3rd Thursday of each month from September to May unless otherwise noted. Meetings are located at the Steeplegate Best Western in Davenport Iowa unless noted otherwise.

Only You Can Help!!!

In order for our chapter to grow and maintain the great membership we have enjoyed, we need volunteers to help with the running of the chapter. Volunteers are needed for the following committees:

**Membership**                      **CTTC**  
**Student Activities**              **History**  
**Resource Promotion**

Contact any officer or committee chair to Volunteer!

Check-out the Updated Chapter Website at:

[www.mississippivalleyashrae.org](http://www.mississippivalleyashrae.org)

Region VI Chapter Regional Conference (CRC)

Region VI CRC will be held May 3-5, 2007 in Madison, Wisconsin at the Monona Terrace Convention Center. The theme for the event is Sailing into the Future; Infuse Innovation, Research, and Development into Sustainability. For full information go to [www.ashraemadison.org/crc2007.htm](http://www.ashraemadison.org/crc2007.htm).



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