



ASHRAE
NEWSLETTER

September 2006



"News and Announcements from the Nashville Chapter of ASHRAE"

SEPTEMBER MEETING: "The Technical and Legal Aspects of Design Build"

**September 2006
Chapter Meeting**

**TOPIC:
"The Technical and
Legal Aspects of Design
Build"**

**Date:
Tuesday, September 12,
2006**

**Location:
TN Engineering Center
@ The Adventure
Science Center**

**Meeting Time:
11:30am-1:00pm**

**Speakers:
Michael C. Connor, PE
(ASHRAE
Distinguished Lecturer)**

Greetings and Welcome back! The new officers and Board of Governors have been working over the summer to set up what should be another successful year. I would like to thank Dan Leonard for his hard work as last year's president. Through Dan's leadership, we continued with successes in programs, attendance, research promotion including a presentation by local research grant recipients and another successful golf tournament. Members were also given a chance to tour the Schermerhorn Symphony Center, soon to open as one of Nashville's signature attractions.

Chris Williams, our new programs chair, has put together a full slate of nine technical programs for the upcoming year based on recommendations from the Board and from the membership. We appreciate and encourage your input and feedback regarding programs.

A thanks goes out to Matt Nicholson who has stepped up to fill the treasury office. Matt has already made a significant contribution by researching a higher return fund for the Nashville Chapter Scholarship fund. This fund was created started in the early 1990's with a goal of funding annual scholarships drawn off of return from the account. The fund is approaching this goal.

Rounding out the list of officers is: President-Elect - Don Reaville, Vice President - Chris Williams, Secretary - Chad Vaughn.

In our committee involvement: Mike Saunders has reactivated his involvement and will act as the Chapter Historian. Lynda Wimberly will serve as chair of the Research Promotion campaign. Earl Keith will take the place of Burkley Allen as student activities chair. Burkley is now serving as the Student Activities Regional Chair. Nate Kloock continues to perform an outstanding job in keeping pace with the chapter's membership. Jill Kueker has been working diligently in producing this year's installment of the ASHRAE directory. Barry Whitehead continues to do a "knock-out" job with the chapter website which can be viewed at www.ashraeregion7.org/nashville

The Chapter Regional Conference (CRC), this year was held in August in Birmingham. The Nashville chapter received several awards including PAOE Honor Roll, Research Promotion Silver Ribbon for chapter contribution and Full Circle awards. It was also recognized at this meeting that one of our Life members, Bob Bunn has received the status of Fellow for his contributions to the field of HVAC&R. John Olert received the Distinguished Service Award. Congratulations Bob and John!

As always, ASHRAE would not be a success without the involvement of the membership. In addition to Board of Governor and officer positions, there are several committees that would appreciate your involvement and/or leadership especially membership, social and research promotion committees. Please contact me or one of the officers if you would like to become more involved with our chapter.

Please do not forget to RSVP for upcoming meeting to: nashville.ashrae@gmail.com

I look forward to seeing you at the meeting,

Tim Grabbe
President, Nashville Chapter of ASHRAE

TOPIC – The Technical and Legal Aspects of Design/Build

Design/Build is the oldest construction delivery method dating back to the time when human beings began to engage in construction activities for delivery to an owner for reimbursement. Dating back to 1800 B.C., the Code of Hammurabi formed the basis of many of our laws today – including construction law. This presentation will trace the origins of design/build up to the methods and procedures for how this construction method is commonly executed.

The presentation will show where and why design/build is being used and what market sectors are growing in its use. Also presented will be profiles of the types of engineers who are well suited for design work under this procurement method and how selection of a design/build team is typically done.

Liability issues and differences from “traditional” methods will be presented so that the audience will have a clear understanding of the potential pitfalls of entering into design/build contracts.

SPEAKER – Michael C. Connor, PE (ASHRAE Distinguished Lecturer)

Mike is a principal of GRG Consulting Engineers, Inc based in Alpharetta, Georgia. Prior to going back into private practice, Mike was the Chief Engineer for McKenney’s Mechanical Contractors, located in Atlanta, Georgia. During his stay with McKenney’s, he participated in numerous design/build projects gaining the perspective of the contractor through the execution of these projects. These projects ranged from office buildings and hotels to laboratories and pharmaceutical manufacturing facilities.

He is currently chairman of TC 9.2 - Industrial Air Conditioning and is a member of TC 1.7 General Business and Legal Education.

Mike was awarded the “Engineer of the Year in Construction” by the Atlanta Chapter of ASHRAE for 1995 -1996 and has had several publications in the ASHRAE Journal the most recent being “Liability Exposure in Design/Build Explained” in August 2003. Mike is a frequent speaker at ASHRAE meetings on subjects as diverse as building commissioning to the design of process air systems and has been published in the journals of other engineering societies such as the International Society for Pharmaceutical Engineering (ISPE) and the Journal of Validation Technology.

Chapter OFFICERS and BOARD OF GOVERNORS

PRESIDENT
Tim Grabbe

PRESIDENT-ELECT
Don Reaville

VICE PRESIDENT
Chris Williams

SECRETARY
Chad Vaughn

TREASURER
Matt Nicholson

AT LARGE MEMBERS
Nate Kloock
Barry Whitehead

CHAPTER COMMITTEE CHAIRS

PROGRAMS
Chris Williams

MEMBERSHIP
Nate Kloock

WEBMASTER
Barry Whitehead

STUDENT ACTIVITIES
Earl Keith
Burkley Allen

DIRECTORY
Jill Kueker

CHAPLAIN
Kevin Haas

RESOURCE PROMOTION
Lynda Wimberley

HISTORIAN
Mike Sauders

REFRIGERATION
Kevin Haas

HONORS & AWARDS
Burkley Allen

GOLF TOURNAMENT
Matt Nicholson

NEWSLETTER
Chad Vaughn

ATLANTA – With a focus on ease of navigation and new technology, the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) has unveiled its redesigned Web site, www.ASHRAE.org.

An improved web site is a corner stone of fulfilling the Society's new Strategic Plan, which calls for sustainability leadership, world-class educational programs, a raised public profile and global access to technical information. A refined Google-powered search engine has been added, and site visitors will benefit from the site's 100% uptime and increased speed. The new, simpler design incorporates a technology that will integrate with the new member database that goes live this fall, allowing members to easily access subscription management tools for eLists and newsletters, and account history for events, purchases and dues.

"The ASHRAE web site is the key component of the Society's strategy to provide membership service and technical information to the industry," says Steve Comstock, director of publications and education. "With the new technology incorporated into the site, our members and key audiences will be able to access crucial information faster and with greater ease."

Upon logging into the site, members will have access to the MyASHRAE section where they will be able to use the site to reflect their specific interests. Members can sign up for e-mail updates when updated content has been added to a particular section, and a lost password function allows users to quickly retrieve forgotten passwords.

The simplified site navigation is now broken into six tabbed sections:

- Members (formerly Membership)
- Publications (formerly Education and Publications)
- Technology (formerly Technology and Standards)
- Education (formerly Education and Publications)
- Events (formerly Meetings and Events), and
- Students (formerly Student Zone)

Content from the previous site's About Us section now occupies a position at the top left of ASHRAE.org under a new About Us section. The upgraded site will also include a redesigned bookstore upon the section's completion in December.

CHAPTER PROGRAM SCHEDULE FOR 2006 - 2007

2006 - 2007

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|--------------------|--|
| October 10, 2006: | Patrick Jackson – "Ductless Air Distribution" |
| November 14, 2006: | Jim Bloom - "Clean Combustion/Ventilation Design for Boiler Systems" |
| December 12, 2006: | Dennis Jamison - "Condenser Water Filtration" |
| January 9, 2007: | Nolan Galloway - "Integrated Controls" |
| February 13, 2007: | (Evening meeting - Time TBA) Student Night – Results presented from the TTU ASHRAE Supported Research Project |
| March 13, 2007: | "Balancing Variable Primary Flow" |
| April 10, 2007: | Tony Rossi - "Design Considerations for Specialized and Lab Exhaust" |
| May 8, 2007: | Bob Gault - "Proper Sound Attenuation Design" |

The meetings are held at the Tennessee Engineering Center at 11:30 AM to 1:00 PM, except for Feb 13th Meeting. The Tennessee Engineering Center is located in the Adventure Science Center at, 800 Fort Negley Blvd., Nashville, TN 37203. Please RSVP to these programs. The meal cost is included in your yearly dues, but we still have to order the correct amount of food for each meeting. The monthly newsletter will give more details concerning these meetings.

Costs:

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| Members who have PAID local chapter dues: | Included |
| Members who have NOT PAID local chapter dues: | \$15.00 |
| Guests: | \$15.00 |