



TECHNOLOGY COUNCIL

MEMBERS FIRST!

2005-06, Volume 3

TECH COUNCIL NEWS *ASHRAE Technology is for ASHRAE Members. Members come first.*

This is the third of Tech Council's quarterly briefings for SY05-06. You will find information from all the committees that report to ASHRAE's Technology Council. Our goal is to make the work of the technical side of ASHRAE open to all ASHRAE members. Tech Council is trying to be accountable to the members. One way we are doing this is by making Tech Council Vice-Chair a liaison to the CTTC. *We ask that you look this over and give us feedback. Please direct any questions on any topic or feedback on this newsletter to Hugh McMillan, Vice-Chair, Tech Council at hugh_mc@mail.ashrae.org.*

STANDARDS NEWS

The ASHRAE Board of Directors approved the Title, Purpose and Scope (TPS) and formation of a new Standard Project Committee as follows: "Standard for the Design of High-Performance, Green Buildings Except Low-Rise Residential Buildings. This standard is to provide minimum requirements for the design of high-performance, green buildings to balance environmental responsibility, resource efficiency, occupant comfort and well-being, and community sensitivity plus support the goal of development that meets the needs of the present without compromising the ability of future generations to meet their own needs. The standard will be jointly developed by ASHRAE, the US Green Building Council and the Illuminating Engineering Society of North America. The BOD also approved the TPS and formation of a new guideline project committee for Building Operation and Maintenance Training for the HV AC&R Commissioning Process.

TECHNICAL ACTIVITIES NEWS

The fast track broad review of the ASHRAE Special Publication entitled "HVAC Simplified" by Professor Steve Kavanaugh was completed in record time following the 2005 Annual Meeting in Denver thanks to efforts by TC7.1 and the leadership of its chair, Charles Gulledge. TAC was instrumental in appointing a review committee with Mr. Gulledge as chair. The publication is now available for sale in the ASHRAE bookstore through ashrae.org. TAC established a Project Monitoring sub-committee to support a fast track collaborative project to document in a single publication existing building metering protocols that reflect best practices today. This effort is outlined in greater detail in the document entitled "Scoping Study: Protocols for Measuring and Reporting the On-site Performance of Buildings except Low-Rise Residential Buildings". This document was developed by volunteers from TC 4.7, 7.6 and 7.9.

RESEARCH ADMINISTRATION NEWS

The Board of Directors approved funding for scanning the final reports of the 700 plus research projects that ASHRAE has funded over the last 45 years. The reports will be made available to ASHRAE members and others through the ashrae.org. The updated Society Research Implementation Plan is now available on the Research page of the website. Members and others can now review details on the 51 project topics that are currently in development by the TCs and are competing for funding as a research project. 42 applications were considered for the Graduate Student Grant-in-Aid program which is funded by research promotion contributions. Eleven were selected to receive grant awards of up to \$10,000 each. Dr. Jeffrey Siegel was selected the winner of the New Investigator Award. He receives up to \$45,000 in funding for his HVAC&R related research.

ENVIRONMENTAL HEALTH NEWS

ASHRAE developed and recently published a Position Document on Environmental Tobacco Smoke (ETS). This document is available for free to members and the public. The PD can be downloaded at www.ashrae.org/content/ASHRAE/ASHRAE/ArticleAltFormat/20058211239_347.pdf. The document describes the health effects of ETS, the limitations of ventilation and air cleaning and the expected results from methods ranging from unrestricted smoking to complete smoking bans.

REFRIGERATION NEWS

In an effort to help establish the Refrigeration Committee as a resource for the chapters, four ASHRAE Meeting Program DVDs will be purchased to establish a refrigeration resource library for Chapter Refrigeration Chairs. Also, the committee plans to distribute a newsletter to the chapters following each ASHRAE meeting to highlight refrigeration related proceedings and new developments.