

February 2007

# ASHRAE

## newsletter

The CNY Chapter of the American Society of  
Heating, Refrigerating and Air Conditioning Engineers

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### The President's Message

**P**unxsutawney Phil emerged from his hole this Groundhog's Day without seeing his shadow. The Germans believed that if a hibernating animal cast a shadow February 2, the Christian holiday of Candlemas, winter would last another six weeks. If no shadow was seen, legend said spring would come early. I personally don't put much faith in a groundhog.

Scientists say that global warming is here and continues to rise and we humans are to blame. It is difficult though to pinpoint a single reason for global warming. Is it solely the human factor or is the planet balancing itself recognizing the need for more water and warmer temperatures further North to support our growing population? Is it the fossil fuels we burn? Again with warmer climates moving northward, the need for heating is reduced and therefore less fossil fuel is burned. The Earth and its atmosphere are a lot more experienced than any of us humans and knows how to keep itself in balance. The question is, can we keep ourselves in balance with the Earth?

Our next meeting will be Wednesday, February 14, 2007 at the DoubleTree (formerly the Wyndham). Our program speaker will be David Belleville. See Chris Martin's article for more details. We will start between 5:30 p.m. and 5:45 p.m. and go no longer than 7:00 p.m. Meeting price is only \$10. Don't forget about the cash bar and great pizza!

If you have not made reservations yet, please do so now by logging on to <http://centralnewyork.ashraechapters.org/> or by contacting Paul Conti at 315-487-8791.

Tom Buswell,  
CNY Chapter President

<http://centralnewyork.ashraechapters.org/>

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# Historically Speaking

*I recently had the pleasure of visiting with William Shultes who served as the 56<sup>th</sup> President of the Central New York Chapter of ASHRAE during the 1981-82 year. Following are highlights of the interview:*

**B**ill was born and brought up in Middleburg, New York, south west of Albany, a small rural community of 1,400 people with no real job opportunities. He was the first in his family to go to college. His father worked at the General Electric factory in Schenectady building turbines. After high school he went to Hudson Valley Community College where he took Air Conditioning Technology. He graduated in 1968 with an Associate Degree in Applied Science, with a specialty in Air Conditioning. After graduation, his first job was working as an estimator for Loren V. Appleby, a manufacturers representative, in Albany, NY. Loren asked that Bill join ASHRAE and get involved in the local chapter as a way to get to know the engineers in the area and to become more familiar with the industry. In 1970, he was transferred to Syracuse to work with Bob Zoller in Appleby's Syracuse office, and was given the Utica, N.Y. sales territory. Business was good in the 70s with the ongoing construction of colleges, schools, hospitals and office buildings. After coming to Syracuse he joined the ASHRAE Central New York Chapter and became involved. He held several committee assignments as chairman for membership, education, newsletter, research promotion and refrigeration chairman and continued on, becoming Chapter President in 1981.



Bill's involvement with our industry spans 39 years, most of which was in several manufacturers rep. operations in the Syracuse area. Bill has been involved in promoting over 100 manufacturers products in our HVAC industry over the 39 years. At present he is a sales engineer with R. L. Kistler in their Syracuse office calling on area architects and consulting engineers. One item he is now selling is an induced air ventilation system, developed primarily for schools. It uses a newly designed overhead induced air ventilation module called the "Q Terminal," on which he and Jim Miller, a Central NY chapter member and past president of twin tiers chapter, hold a patent. This new product is made in East

Syracuse by NuClimate Air Quality Systems and is currently being marketed thru out the United States by regional representatives who call on Architects and Engineers. An application of this product is incorporated in the Syracuse Central Tech renovation designed by Thomas Associates. For the near future when he expects to retire, Bill has design thoughts of innovative air filtration products to improve Indoor Environmental Quality (IEQ) that also save energy. He foresees the ventilation aspects of indoor space conditioning becoming more important as our industry further embraces the benefits of improving IEQ.

ASHRAE is the backbone of our industry, as Bill sees it. He would advise young people and newcomers to the HVAC&R field to join ASHRAE and become involved as he did. He feels that programs on the technological advances of our industry, as well as the opportunity to meet and be with local people in the business, are just a couple of the important benefits of being a chapter member and attending ASHRAE chapter meetings. He sees ASHRAE as a real viable help in building a career in our industry.

*Paul Britton, Chapter Historian*



## Job Opportunity

### M/E Design Engineers

Sack & Associates is a well-established mechanical/electrical engineering design firm in Syracuse, NY, seeking engineers with BSME or BSEE, two-plus years experience performing mechanical or electrical building systems analysis and design.

More experienced candidates will quickly earn discipline responsibility or project management opportunities in this firm of 30 as the firm has a solid backlog of projects to be completed over the next few years.

Experience with system layout and AutoCAD a major plus. This position

will primarily involve client contact and site visits in the Central New York area.

Telecommuting with bi-weekly office visits is a possibility.

First established in 1971, S&A is a consulting firm with high-profile architectural clients in the Central New York area. It is conveniently located with on-site parking along the downtown Syracuse medical and university corridor. It provides specialized engineering services for a variety of markets including hospitals, nursing homes, colleges, schools, office buildings, and retail centers.

**Please forward a statement of interest with resume and contact information to [info@sack.pro](mailto:info@sack.pro).**

## Program Speakers

**T**his month's program we will be addressing Indoor Air Quality our speaker will be David Belleville the Northeast Regional Sales Manager for Aircuity, Inc. David has over 23 years experience in the building industry focused on HVAC systems serving commercial facilities, with a primary focus on technical sales, system design, and project management. David co-founded Aircuity in 2000, which provides multiplexed sensing and ventilation control solutions for commercial buildings that cost-effectively reduce building energy costs and operating expenses while simultaneously improving the building's indoor environmental quality (IEQ). Prior to that, David was the VP of Technical Services for Phoenix Controls, providing sales and technical support for their worldwide sales channel for laboratory ventilation control systems. David is an active member of ASHRAE, IFMA, and BOMA, and taught the Building Operation and Design class for the Boston BOMA chapter this past summer. David has both a BS and MBA degree from Southern New Hampshire College.

The March meeting is sponsored by Carrier Corporation and our speaker will be Tom Walker of Carrier Corporation. Tom will be discussing Geothermal Heat Pump System. With the rising cost of energy and the trend to build Green Geothermal (ground-source) Water Source Heat Pumps has become one of the fastest growing applications for renewable energy in the world.

— Chris Martin

### Society President to Visit in February 2007

**T**erry Townsend, 2006-07 ASHRAE Society President, is scheduled to speak at Twin Tier's February Chapter meeting. Although many details have yet to be ironed out, a "round table" type of discussion on the future of building designs and how sustainability will play a role is tentatively planned. This most certainly will be the highlight of the Region's Chapter meetings and you are encouraged to attend. The meeting will be held at the Holiday Inn in Ithaca, NY on February 20, 2007.

Terry E. Townsend, P.E., Fellow ASHRAE, is President, Townsend Engineering Inc., Chattanooga, Tennessee, and Panama City, Florida. As ASHRAE's president, Mr. Townsend directs the Society's Board of Directors and oversees the Executive Committee. During his term, Townsend is focusing on The ASHRAE Promise: A Sustainable Future, highlighting ASHRAE's efforts in sustainability in the building environment.

More information regarding Mr. Townsend's biography and the presidential challenges he has posed to the Regions can be found at <http://www.ashrae.org/aboutus/page/30>.

The CNY Chapter is now accepting business card advertising in this monthly newsletter. Send us your business card (or text for a line card) and we'll scan it in and for \$50 your card will run in the newsletter for the year. Send your ad and payment to:

**ASHRAE Newsletter, Advertising**, P.O. Box 2396, Syracuse, NY 13220  
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## Membership Information

updates

As I do my year end books for my business I get to reflect on how the past year went, where the money came from and where it went. A lot of it went to insurance: health, life, disability, commercial, professional, auto, home and retirement. Some of the insurance is required for my business or by law, some of it is so that my children are provided for if I can not work. It is frustrating because it is a lot of money and I will only get a return on investment if I have a tragedy. But without the insurance I would be in constant worry of the tragedy happening. So as a responsible person I have all of this insurance.

Membership and involvement in organizations has similarities to the insurance dilemma, you

have to expend time that you feel maybe would be better spent elsewhere. But then if there is no involvement/membership in organization you lose touch with advancements in your field, contact with colleagues and the ability to make improvements and be a part of. This could be ASHRAE, your church, little league, etc.

After review of the year I am going to keep all of the insurances I have in place and after review of your situation we hope you decide to participate and continue your membership.

Who have you recommended or mentioned ASHRAE to today?

— Rae Butler