

October 2006

# ASHRAE

## newsletter

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

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## The Presidents Message

**D**id you know that the first air conditioned hospital just happened to be a boat? “The Boston Floating Hospital had been established more than a decade before, but had been occupying a rented boat and did not have inpatient services. In 1906, a permanent boat, complete with air conditioning, was created to house patients and be used as a teaching facility”, as reported in ASHRAE Insights, September 2006. It is incredible to think that, 100 years ago, comfort air conditioning was available.

Makes you wonder where we'll be in another 100 years!

Sustainability and the environment are being focused on now more than ever.

Technology is making it easier to specify and provide “green” products that are affordable and long lasting. Compressor technology continues to improve where systems are more efficient and reliable. It is our responsibility to provide systems and equipment today that will not damage the environment in the years to come. We must

strive to build a sustainable future for generations to come.

In the more immediate future, our first meeting will be Wednesday, October 11, 2006 at the Wyndham. Our program speaker will be Eric App who will be discussing Design Criteria and Considerations for Laboratory Exhaust. 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.

As mentioned in last month's newsletter, there is no dinner but there will be cookies and a cash bar. The meeting charge is

now only \$10. Our hope is that the shorter meeting format will attract more ASHRAE members that could not make the Wednesday night time commitment before, while still retaining the regular attendees. We're open for ideas; please don't hesitate to mention them to us!

Tom Buswell,  
CNY Chapter President

Next meeting:  
Wednesday,  
October 11, 2006

# ASHRAE Program

We are looking forward to an excellent year of informative main topics. As mentioned in the President's message, there will only be a main program for each meeting.

The main program is sure to be an interesting topic and one we have not talked about in some time. This month's meeting on October 11 will be about Design Criteria and Considerations for Laboratory Fume Hood Exhaust System Design. Eric App from Strobic Air Corporation will be putting on the presentation. Eric is the Eastern Regional Sales Manager and has been with

Strobic Air for five years. Eric is a graduate from Delaware University with a Bachelors of Science degree in Mechanical Engineering.

For next November's program, we will get an update on the Syracuse Center of Excellence. Ed Bogucz, the Executive Director of the Syracuse Center of Excellence has agreed to give us an update on the progress of the Center of Excellence. Don't miss your chance to learn everything you wanted to know about the Center of Excellence!

Chris Martin



I am proud to announce that two student branches are going to submit entries for the student design competition this year. I would like to thank John Bertram of Trane for being a mentor to S.U. Students.

The faculty at S.U. & Canton would like to ask area engineering firms if they would be interested in allowing students to interen at their facilities or if any engineer is willing to be a mentor. Please let me know if you are interested, you can contact me at 315-564-7725 or contact the SU Advisor or Jim Smith at 491-9788, or Canton Advisor Charlie Stead at 386-7157.

Thank You, Steven Sill

## Membership Information

There has been a change in ASHRAE's policy with regard to membership and delinquent payments. ASHRAE used to allow dues to go unpaid for a year before removal from society rooster. Starting this year delinquencies will only be allowed to go for six months. Please take note of this and keep your dues up to date. I will notify people when they are four or five months overdue. If you are removed from membership you can over course join again but you will have to reapply.

In the last newsletter I said I would notify people who were eligible for Life Membership, however this

grade advancement occurs automatically and no action is required on your part. In order to be a Life Member you have to be a member of ASHRAE for 30 years and 65 years old. There are quite a few people who will become life members this year, *Congratulations and Thank You* for your life long commitment to ASHRAE. For each of you who do become Life Members find someone to replace you in the lower ranks of ASHARE membership. Life Members and New Members will be highlighted in upcoming newsletters.

Rae Butle

# Historically Speaking (50 Years Ago...)

**I**n 1956, there were two Central New York engineering groups holding monthly membership meetings in the Syracuse area from October through to May, with interests in the fields of refrigeration, air conditioning, ventilating and heating. The senior group was the American Society of Refrigerating Engineers (ASRE) Section, formed in 1941, largely through the efforts of Willis Carrier. The other group was a Chapter of the American Society of Heating and Ventilating Engineers (ASHVE) co-founded in 1944 by Carlyle Ashley, a senior research engineer at Carrier and Carl Woese, a local consulting engineer. In 1955, the ASHVE Society changed its name to the American Society of Heating and Air

Conditioning Engineers (ASHAE), due to the rapid growth of air conditioning in those days.

Each Central New York group of ASRE and ASHAE had about 140 members in the 1950s, and were coming closer together in many of their activities, both technical and social. They jointly sponsored an annual clambake at Hinerwadel's in the spring, and also held a joint dinner-dance in the winter for their members. Many engineers held memberships in both ASRE and in ASHAE. Carlyle Ashley, who co-founded the ASHVE Central New York Chapter in 1944, was the President of the ASRE Society in 1956.

Ultimately, it became evident that there was enough overlap in the interests of the two Societies to warrant the formation of a single Society embracing heating, ventilating, air conditioning and refrigeration. A merger of ASRE and ASHAE on a national and local basis to form ASHRAE took place in 1959, and resulted in the formation of the present Central New York Chapter of ASHRAE. By 1960, our Central New York Chapter of ASHRAE had over 300 members.

*Paul Britton*  
Chapter Historian

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**  
If you have a digital card (or questions), email it to us [atcnashrae@verizon.net](mailto:atcnashrae@verizon.net)

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# Cazenovia Engineer Receives ASHRAE Distinguished Member Award

Quebec City — Gerald C. Groff, Fellow ASHRAE, Life Member, has received a Distinguished 50-year Member Award from the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).

The award was presented at the Society's Annual Meeting held here June 24-28.

The award is given to individuals who have been a member of the Society for a minimum of 50 years, and are a past Society president, Fellow ASHRAE, Distinguished Service Award recipient or have performed outstanding service to ASHRAE or its predecessor societies.

Groff is principal, Groff Associates, Cazenovia, NY. His professional accomplishments include development of procedures for testing, rating and predicting sound power levels for centrifugal fans. He also managed research laboratories, international product development and an international electronic switch

manufacturing company, where he supervised completion of the most advanced laboratory in the world (at that time) for testing air-conditioning and refrigerating products.

Groff's ASHRAE service includes chair of technical committee 6.3, HVAC Systems, during which time he oversaw reestablishment of the

committee. He also served as chair for three years of the Society's International Committee to stabilize relations with groups outside North America after ASHRAE began forming chapters overseas. He also served on the Board of Directors as a director-at-large from 2003-03.

He was elevated to the grade of Fellow in 2004.

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration (HVAC&R) to serve humanity and promote a sustainable world.

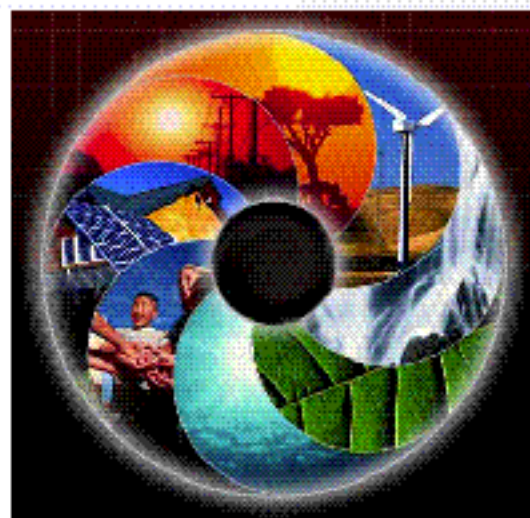


## October is set to be Resource Promotion Recognition Night

I would like to thank everyone that contributed last year and I hope to see the following list grow for the upcoming year. On October 11 I will present the following investors with their ASHRAE 05-06 Donor Recognition Certificate: David Wildrick, Meinhardt Engineering, James Walker, Richard Hicks, Donald Rich, John Bertram, Ronald Westbrook, George Yamamoto, Christopher Martin, Thomas Buswell, Mark Rabbia, Bruno Morabito, Lois Graham, Joseph Rogers, and Modular Comfort

Systems Inc. The antique coin for investors that is generally given out at this meeting will now be mailed directly from ASHRAE. Starting in November I will start the calling campaign, if anyone would like to volunteer please feel free to contact me. I hope to see everyone that donated last year at this months meeting!

**P**aul Conte



## Two locations for your convenience

Carrier Corporation, Bynum Center, Syracuse, NY  
Empire Room, Monroe C.C., Rochester, NY

## Strategies Series in Sustainable Design:

# Strategies for the Use of Sustainable & Renewable Energy

Expect to  
earn 7  
PDHs per  
workshop

## FACTOID:

In September 2004, The New York State Public Service Commission adopted a renewable energy portfolio standard (RPS) that requires 25 percent of the state's electricity to be supplied from renewable energy sources by 2013. The NY RPS will require about 3,700 megawatts of new renewable fueled electricity projects to come on-line between 2006 and 2013.

## Are we ready?

Workshop Dates and Topics	Subject Matter Experts
<b>Biomass / Biofuels</b> <b>10/20 Syracuse</b> <b>3/ 2 Rochester</b>	<b>Dr. Timothy Volk</b> , Senior Research Scientist, SUNY-ESF <b>Dr. Thomas Amidon</b> , Chair, Paper Science & Engineering, SUNY-ESF
<b>Photovoltaics and Wind Power</b> <b>10/27 Syracuse</b> <b>3/ 9 Rochester</b>	<b>Dr. Gay Canough</b> , President, ETM Solar Works <b>Dr. Bruce Bailey</b> , President, AWS Truewind
<b>Economics and Energy in Buildings</b> <b>11/ 3 Syracuse</b> <b>3/16 Rochester</b>	<b>John Vasselli</b> , Executive Vice President, New York Indoor Environmental Quality Center, Inc. <b>Diane Brandli</b> , ASID, CID, LEED Accredited, Director of Interior Design, Ashley McGraw Architects, PC

## Each workshop is completed in one day.

All workshops begin with a continental breakfast starting at 8:00. The educational program runs from 8:30 - 4:30

## Workshops will apply to re-licensing for professionals.

It is anticipated that participants will earn seven (7) Professional Development Hours (PDHs) or (.7) Continuing Education Units (CEUs) for each workshop he/she attends (a total of twentyone (21) PDHs or (2.1) CEUs for all three (3) workshops). Earned PDHs count toward the required New York State-mandated professional development training.

Contact us today to register!

## Certificate Costs

**\$250 for all three workshops**

**\$95 for individual workshops**

Prices include all program materials, continental breakfast, and lunch.

## To register and for more information

contact **Susan Palé**

[sspale@pobox.com](mailto:sspale@pobox.com)

ph: 315-469-1736

[www.reinventcny.com](http://www.reinventcny.com)

# ASHRAE Satellite Broadcast/Webcast

## “Multiple Benefits Solutions for Enhanced Building Security”

**November 14, 2006**

**1:00 – 4:00 P.M. EST**

This broadcast will inform the audience of the many efforts that can be taken to reduce vulnerability to terrorist acts that also provide reduced vulnerability to natural and accidental incidents, and may provide improvements in reliability, safety, comfort, energy use, and operating cost of the building and its systems. This **free** program is sponsored by ASHRAE's Building Safety and Security Special Committee with support from the Alfred P. Sloan Foundation. For complete details, visit our website at

<http://www.ashrae.org/homelandsecuritybroadcast2>.

### How to Participate

- You may host a Satellite Broadcast site for your colleagues.
- You may register to view with others at a site near you.
- You may register to view the Webcast on your PC.

### PDH Credits

Two (2) Professional Development Hours (PDHs) or two (2) AIA Learning Units will be awarded to viewers who complete the "Participant Reaction Form" after the broadcast.

### About the Presenters –

(Visit <http://www.ashrae.org/homelandsecuritybroadcast2> for details)

- |                          |                              |
|--------------------------|------------------------------|
| • Richard Bielen, P. E.  | • Andrew Persily, Ph.D.      |
| • William Coad, P. E.    | • Patrick Spahn, P. E.       |
| • George Glavis, P. E.   | • Lawrence Spielvogel, P. E. |
| • D. Scott Fisher, P. E. | • Ronald Vallort, P. E.      |
| • Stuart Knoop, FAIA     | • James Woods, Ph.D., P.E.   |

### New Member Discount

Non-member participants will be given a \$50 discount for applying for ASHRAE membership. A special membership application will be available at satellite broadcast sites or by request at [membership@ashrae.org](mailto:membership@ashrae.org).

### Registration

Online registration for Satellite Broadcast Site Coordinators and Webcast Participants will begin October 2, 2006, at

<http://www.ashrae.org/homelandsecuritybroadcast2>.

Site participant registration will begin October 16, 2006.

There is no fee for registration. If you have any questions, call us at 678-539-1139 or email

[ashrae-SatelliteBroadcast@ashrae.org](mailto:ashrae-SatelliteBroadcast@ashrae.org).

