

# The Central New Yorker

## ASHRAE Newsletter

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

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## THE PRESIDENT'S Message

I'd like to thank Mark Capriotti from Flex-Hose for coming in and speaking at last month's meeting. Mark put on a very interesting presentation about isolating building joints and different techniques that could be used to accomplish this task. He gave everyone a lot to think about when it comes to applying building movement to the piping systems in a building.

This month's meeting will be a joint meeting with ASHE (American Society of Hospital Engineers). Danja McMillan from Camfil Farr Co. will be discussing ASHRAE Standard 52.2-2007 (B) Appendix J. ASHRAE Standard 52.2 is the Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size. Appendix J is considered a conditioning step that deals with testing the filter with an Aerosol that neutralizes the electrostatic charges left from manufacturing or that may naturally occur that may effect the MERV rating of the filters.

This should be a great presentation. I hope to see you at the meeting.

*Jim Walker*

CNY Chapter President

### ASHRAE Monthly Meetings

Meeting Date: February 10, 2010

Location: Doubletree Hotel Syracuse

6302 State Route 298, Carrier Parkway East, Syracuse, NY 12205

Times: 5:30 – 6:00 p.m. Social Hour (cash bar)  
6:00 – 6:30 p.m. Dinner  
6:30 – 6:45 p.m. ASHRAE Business  
6:45 – 8:00 p.m. Main Program

Cost: \$25.00 per person.

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

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

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# 2010 CNY ASHRAE Programs

*I would like to thank Mark Capriotti for being our guest speaker in January. We had a great turn out!*

## February Meeting Topic: ASHRAE 52.2-2007 (B) Appendix J

In February we will have a joint meeting with ASHE (American Society of Hospital Engineers). The guest speaker will be Mrs. Danja McMillan, Northeast Regional Sales Manager for Camfill Farr. Mrs. McMillan has been serving the HVAC and air filtration industry for 20 years and has been a member of the American Indoor Air Quality Council and a certified indoor air quality technician (CIAQT). She has been the featured speaker for numerous ASHRAE/ASHE chapters across the country, speaking on ASHRAE Standard 52.2-2007, ASHRAE 62.1-2007, the latest filtration guidelines and requirements. She was one of the featured IAQ panelists at (AFEC-Denver, CO).

## Upcoming Programs

February 10	ASHRAE Standard 52.2 – 2007 (B) Appendix J — Joint Meeting ASHE (Speaker provided from EDCO Filters) SU Night
March 10	Carrier History Night
April 14	Tour — Cornell Combined Heat & Power Plant
May 12	Julian DeBuliet — Variable Refrigerant Flow/Joint Meeting RSES
June	Clambake & Golf Tournament

**Congratulations** to the 6 new members who joined the Central New York ASHRAE chapter between November 2009 and January 2010. When you see these individuals, please join me in extending them a warm ASHRAE welcome

If you or anyone that you know is interested in joining ASHRAE, please have them sign-up at [www.ashrae.org](http://www.ashrae.org). Or, if they would like to sign-up in person, the local chapter website (<http://centralnewyork.ashraechapters.org>) is a great place to find meeting times and locations.

John Mix  
ASHRAE New Membership Chair

### NEW MEMBERS

Name	Membership Start Date	Type
Mr. Matthew Murphy	11/24/2009	Associate
Mr. Joseph O'Connor	12/7/2009	Associate
Mr. Thomas Davis	1/13/20	Associate

### NEW STUDENTS

Name	Membership Start Date	Type
Mr. Brandon S. Baxter	11/5/2009	Student
Miss H. B. Gibson	11/5/2009	Student
Mr. Kieth Hamblin	11/5/2009	Student

# Thank You!

With the support of thousands, ASHRAE Research would like to extend a special thank you to these top investors in the Central New York Chapter and invite others (individuals AND companies) to add their names to the 2009-2010 Honor Roll of Investors at [https://www.ashrae.org/aboutus/resource\\_promotion.asp](https://www.ashrae.org/aboutus/resource_promotion.asp). Consider one of our higher levels of support as a way to show your commitment to ASHRAE Research!

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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:

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## ASHRAE Honors Syracuse Professor as New Fellow

**ORLANDO** — ASHRAE elevated H. Ezzat Khalifa, Ph.D., (*photo, center*) to the grade of Fellow at the Society's 2010 Winter Conference held here Jan. 23-27.

Fellow ASHRAE is a membership grade that recognizes distinction in the arts and sciences of heating, ventilating, air conditioning or refrigeration and is earned through achievement as a researcher, designer, educator or engineering executive. Approximately 500 of ASHRAE's 50,000 members are Fellows.



Khalifa is the NYSTAR Distinguished Professor of mechanical and aerospace engineering and director of the Star Center for Environmental Quality Systems, Syracuse University, N.Y.

He has successfully developed innovative personalized environmental conditioning systems to provide personal microenvironments. Khalifa also has contributed to the intelligent distributed control of the indoor environment and the development of reduced order models of air, energy and contaminant flows in the indoor air environment.

As research and development director at United Technologies Corp., he oversaw a \$13 million diversified portfolio of an advanced R&D program aimed at HVAC&R products, services and business processes. This portfolio resulted in the development and deployment of several Carrier and UTC products and services, including advanced screw compressors, photo-catalytic air purifiers, energy recovery ventilators and advanced internet-enabled thermostats.

ASHRAE, founded in 1894, is an international organization of 50,000 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 to serve the evolving needs of the public.

### Membership Renewal Reminder

**W**ith the start of the new year, we want to remind everyone to not forget about renewing their membership. Your membership in ASHRAE is important to this effort and your career. You can easily renew online by visiting [www.ashrae.org](http://www.ashrae.org) and clicking on the Renew Membership button. Note that you will need your e-mail address and password to log in. If you do not have them, please call ASHRAE Customer Service at 1.800.527.4723 (U.S. and Canada) or 404.636.8400 (worldwide), or by sending an e-mail to [loginquestions@ashrae.org](mailto:loginquestions@ashrae.org).

If you wish to print the renewal notice and mail/fax it in, please login to the ASHRAE member home page (<http://www.ashrae.org/members/>) and then select the link at the top of the screen "My ASHRAE." Then select "My profile/bio" and then select the link in the middle of the screen "Member Dues Renewal Notice."

John Mix  
ASHRAE New Membership Chair



## Cazenovia Engineer Receives ASHRAE Anderson Award

**ORLANDO** — ASHRAE honored Gerald C. Groff (*photo on right*), Fellow ASHRAE, Life Member, with the F. Paul Anderson Award at the Society's 2010 Winter Conference held here Jan. 23-27.

The F. Paul Anderson Award is given for notable achievement of outstanding services performed in the HVAC&R field. The award, ASHRAE's highest given for technical achievement, is named in memory of Presidential Member F. Paul Anderson, who was a pioneer in the study of environmental conditions for comfort.

Groff is principal, Groff Associates, Cazenovia, N.Y.

Groff's contributions to the HVAC&R industry go back more than 50 years when, as an undergraduate student at the University of Minnesota, he participated in the installation of a solar-assisted heat pump.

He has authored more than 30 technical papers on heat pumps, fans, building energy use and solar energy applications. Groff also has directed pioneering heat pump development for northern climates in the United States and Europe.

Groff has organized all but one International Energy Agency (IEA) Heat Pump Conference and has served as keynote speaker at most of them. His leadership was recognized in 2008 when he was awarded the 2008 Rittinger Medal, considered the highest international award in the air conditioning, heat pump and refrigeration field, at the IEA Heat Pump Conference

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## 8TH ANNUAL GREEN BUILDING CONFERENCE

**REGISTER NOW – Thursday, March 11 & Friday, March 12, 2010 at the Oncenter Complex in Syracuse, NY. *FREE* parking in the Oncenter Garage**

### Thursday, March 11

- Pre-conference Workshops     \$115 until Feb. 25<sup>th</sup> – lunch and reception is included!  
9:00 am – 2:00 p.m.     Building in Nature's Image, Kevin Stack, earns 4 LEED AP CEs
- 12:00 – 4:00 p.m.     Organizational Sustainability – A step by step approach, Mike Arny, CEO Leonardo Academy
- 4:00 p.m.     Book Signing – meet Sarah Susanka  
Follett Books will offer new releases: "More Not So Big Solutions for Your Home," and "Not So Big Remodeling"
- 5:00 – 6:30 p.m.     Reception and exhibitor visits – don't miss it!  
Included in Friday registration rate \$125 until Feb. 25<sup>th</sup>

### Friday, March 12

Keynote **Sarah Susanka** sponsored by Turner Construction  
**Not So Big: The First Step in Sustainability for Home, Community and Life**



At no time in recent history have so many been interested in building better rather than bigger. The economic crisis has awoken in people the need for more energy efficient and sustainable structures to live in. Since her first book, *The Not So Big House*, came out in 1998, Sarah Susanka has been helping readers understand how they can make their own homes sustainable through right-sizing and sustainable construction practices. Now she extends that message beyond the house to how we create community and how we inhabit our lives. *Not So Big* may be about making our homes and our lives a bit smaller, but it is in fact a very big idea – one that's perfectly tailored to today's challenging conditions.

**Shannon R. Magari**, Principal and Vice President, Health Sciences, Colden Corporation  
A principal owner of Colden, Shannon Magari serves as vice president of health sciences and co-chair of the litigation support practice. She aids clients in determining the origin and nature of workplace health concerns and provides litigation support in suspected cases of occupationally or environmentally induced illnesses.



Dr. Magari continues to perform air quality research and teaches and advises students through academic appointments at the Harvard School of Public Health, SUNY Upstate Medical Center and the L.C. Smith College of Engineering and Computer Science at Syracuse University.

Shannon will discuss indoor air quality and real results and issues related to healthy buildings.



**Rick Fedrizzi**, President, CEO & Founding Chairman

Rick Fedrizzi, founding chairman of the U.S. Green Building Council (USGBC) in 1993, was appointed President & CEO in April 2004. Under his leadership, the Council has tripled its membership, broadened its influence, and cemented its role as a leadership voice in the global sustainability movement.

Expanded outreach and education, advocacy support for public policy initiatives, and a heightened emphasis on green building's role in social equity progress are part of Rick's vision for the organization. A founder of the World Green Building Council, Rick is now an active member of its board. He also serves on the board of the United Nations Environment Programme's (UNEP) Sustainable Buildings and Climate Initiative.

## **Speakers and Tracks**

### **Green Housing and Communities:**

- ◆ Paul M. Driscoll, City of Syracuse
- ◆ Peter King, King & King Architects
- ◆ Josh Stack, Northeast Natural Homes
- ◆ Terry Brennan, Camroden Associates

### **Building Science, Systems and Integrated Design**

- ◆ Tim Toland, Landscape Architecture, SUNY ESF
- ◆ Diane Brandli, dbdesign
- ◆ Peter Yost, BuildingGreen, LLC
- ◆ Ellen Watts, Architerra Architects

### **Energy Efficiencies and Renewable Energy**

- ◆ John Jones, NYSERDA
- ◆ Panel: John Jones, Dan Farrell, NYSERDA, Roger Bradley, Melvin & Melvin, David Stapleton, David Homes
- ◆ Matt Broderick, Pete Lawson, Ashley McGraw Architects
- ◆ Linda Hartsock, Technology Garden

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Maureen Wakefield on behalf of the Green Building Conference Advisory

Associate Director

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One Forestry Drive

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# Conference Information



## IAQVEC 2010 *The 7th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings* August 15-18, 2010, Syracuse, New York, USA

Hosted by:



National Research  
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### Invitation:

We cordially invite you to participate in IAQVEC 2010 at the picturesque campus of Syracuse University!

IAQVEC is a premier international conference series, held once every three years. It has previously been held in Montreal, Canada (1992, 1995), Lyon, France (1998), Changsha, China (2001), Toronto, Canada (2004), and Sedai, Japan (2007).

The theme of IAQVEC2010 is "Innovation and Integration". IAQVEC2010 will provide a forum for:

1. Presentations of original research work and findings,
2. Demonstration and displays of innovative technologies, and
3. Discussions of future challenges and opportunities.

It will cover a wide range of key research areas with the goal of simultaneously improving indoor environmental quality and energy efficiency, and enhancing wellbeing and sustainability.

We are looking forward to your participations and contributions!

<i>Jensen Zhang</i>	<i>Suresh Santanam</i>	<i>Hans Schleibinger</i>	<i>Robert Thompson</i>
<i>Conference</i>	<i>Co-Chairman</i>	<i>Co-Chairman</i>	<i>Co-Chairman</i>
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[Abstract submission deadline extended  
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