



# The A.S.H.R.A.E. Newsletter

American Society of Heating, Refrigeration and Air conditioning Engineers, Inc.  
Southwest Florida Chapter # 139

Voted Region XII Best Newsletter for ASHRAE Year 1998-1999

January 2004

Volume 9

Issue 5

**This Month's Topic:** :  
**IAQ From an Owner's Perspective**

**Presented by:**  
**Skip Camp, CFM**

Skip has been with Collier County Government since 1980 and the director of the Department of Facilities Management since 1986. Skip's responsibilities include overseeing a department with 4 major sections that include: Building Management (over 650 structures), Construction Management (over \$210,000,000 of current projects), Real Estate Management and Government Security.

Skip spent undergraduate time at Ohio State University; picked up an Associate Degree from the University of Akron; a Bachelor Degree from Barry University and a Masters Degree from St. Thomas with majors in Public Administration and Human Resources. Skip is also a Board member of the National Indoor Environmental Professional Association and Chairs the Ferris State University Advisory Board.

## **FROM THE EDITOR**

Greetings everyone, and Happy New Year!  
By now you probably all know that I am the new editor for our newsletter, however, this newsletter is everyone's and not just the editor's. Many of you have vast amounts of knowledge and experience that you can share with the rest of our members. Please feel free to submit letters voicing opinions about issues, or article regarding areas of interest as they come to your attention. The more you get involved, the better and more interesting our newsletter will become.

Additionally, I would like to start doing a Member Spotlight every month. This will be a Great way for us all to get to know each other a little better as well as a great way to get a free plug for your business. Anybody interested in submitting any information about you/your company please call me at 239-841-1323 or e-mail me at [l.salkoff@verizon.net](mailto:l.salkoff@verizon.net).

Thank you in advance for your interest and participation.

## **JANUARY MEETING NOTICE**

**Guest Speaker:**  
Skip Camp, CFM

**Meeting Location:**  
**Bogerts Chop House**

**Date:**  
Wednesday January 14, 2004

**Time:**  
5:00 - 6:15 Board of Governors  
6:00 - 6:45 Social  
6:45 - 8:30 Dinner, Meeting

**Cost:**  
\$25.00 Per Member

## **RESERVATIONS ARE A MUST!**

**Please R.S.V.P. to Mary Kay Gonzalez**  
**@ 239-939-9098** or send an e-mail to  
[BrantPE@aol.com](mailto:BrantPE@aol.com)

**Past Presidents of  
#139 Southwest Florida  
Chapter**

1982 - 1983 Edward O'Neal, P.E.  
1983 - 1984 Edward O'Neal, P.E.  
1984 - 1985 Dennis Holland  
1985 - 1986 Ross Montgomery  
1986 - 1987 Jeff Dorini  
1987 - 1988 Kermit Rood  
1988 - 1989 Bill Malphus  
1989 - 1990 Tom Delnay  
1990 - 1991 Nelson Tarbox  
1991 - 1992 Gary H. Griffin  
1992 - 1993 Gary H. Griffin  
1993 - 1994 Jeff Zenoniani  
1994 - 1995 Lisa A. Duritsch  
1995 - 1996 Jason Grabowski  
1996 - 1997 James Faulkner  
1997 - 1998 Robert Risley  
1998 - 1999 Winifred Denius  
1999 - 2000 Paul Martin  
2000 - 2001 Don Pine  
2001 - 2002 Randy Saul  
2002 - 2003 Jason Allen

**Please help us update the  
ASHRAE mailing list!**

E-mail to Lily Salkoff at [l.salkoff@verizon.net](mailto:l.salkoff@verizon.net),  
call 239-841-1323 or mail to:

Mark Brant  
1620 Medical Lane  
Fort Myers, FL 33907  
239-939-9098

Please include the following:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Membership # \_\_\_\_\_

# National Engineers Week 2004



National Engineers Week 2004 will be celebrated February 22-28. Once again, thousands of your fellow colleagues from all types of engineering disciplines throughout the country will be taking part in this exciting event. You will have an opportunity to gain public recognition from all engineering disciplines throughout the country will be taking part in this exciting event. You will have an opportunity to gain public recognition for the many ways that engineers have contributed to improving the quality of everyday life. Many of the outreach programs emphasize the importance of math and science to the "next generation" of children and young adults. Outreach efforts include Discover "E", mall events and contests. Special emphasis this year is being placed on going beyond U.S. borders. One program that fits this objective is *Introduce A Girl to Engineering*. *Introduce a Girl to Engineering Day* will be held on Thursday, February 26th. The goals for this special program are:

- Increase awareness and interest in engineering and technology among girls
- Educate girls and adults about the many opportunities available to women in these fields
- Create an appreciation among all young people of the importance of a diversity of perspectives in defining our technological future
- Dispel the myths that exist in our society regarding the interest and

capabilities of girls and women colleagues from all engineering disciplines throughout the country will be taking part in this exciting event. You will have an opportunity to gain public in science and technology

The NEW web site ([www.eweek.org](http://www.eweek.org)) can provide your local chapter or student branch with ideas for activities as well as organizational tips for hosting a public event on engineering. You may order an information kit through the NEW web site at <https://shop.eweek.org/eweek/product.asp?dept%5Fid=1&pf%5Fid=001> or by phone at 412-741-1393. As always, these kits will provide you with interesting program ideas for your group.

In closing, remember that National Engineers Week 2004 can only be effective if we get strong participation from engineers and engineering students at the local level.

## TEGA

Written By John Trowbridge

It is interesting to read about the much ballyhooed Energy Bill that is now being hammered out in the joint session. One of the more notable provisions that may have little chance for passage, considering only one of the two chambers sponsored it, is a tax incentive introduced by the Senate for commercial buildings that are more energy efficient than ASHRAE 90.1 to a tune of \$2.25 per square foot.

Unfortunately, the House did not seem as enthusiastic and had no comparable legislation. Yet another proposed tax incentive that has a better chance for success is for cogeneration, or as the government calls it, combined heat and power. As for the HVAC service industry, both houses on the hill are supporting a measure for homeowners and small businesses to aspire to higher efficient products. The DOE would be directed to provide education programs and work with the Small Business Administration to implement them.

With so much activity in the field of building efficiency, especially associated with the ASHRAE organization and its standards, it is a shame that there is not a standing reference library that not only the general public can access, but also HVAC professionals in Fort Myers. The TEGA committee is still seeking people and/or organizations to establish and maintain a library of ASHRAE standards

for universal access. power systems. This potential windfall would support systems of 50kW or more that meet specific energy criteria, the details to be fleshed out.

As for other society inroads, ASHRAE 90.1 will probably be adopted in the federal sector as a benchmark in that new construction must exceed that standard by at least 30 percent. Blanket legislation introduced by both houses appears to support a general reduction in energy use for the federal government by at least 2 percent per year. In all, it appears that there may be more than lip service for pushing higher efficiency buildings and systems, it would be interesting how all that savings will be verified.

Please contact John Trowbridge for details.

## **IAQ 2004 Critical Operations: Supporting the Healing Environment through IAQ Performance Standards, Tampa, Florida March 15-17th, 2004**

- ATLANTA -- Control of airborne infectious diseases, the value of indoor air quality (IAQ) programs and challenges faced by the design community will be addressed by keynote speakers at ASHRAE's IAQ 2004 Conference. This meeting is to be held simultaneously with the American Society of Healthcare Engineer's ([ASHE](#)) International Conference and Exhibition on Health Facility Planning, Design, and Construction (PDC). Registrants to

either conference will be entitled to attend any event included in the registration fee of the other conference. This will be a great opportunity to learn about the work and healthcare environment and the stress placed on infrastructure and those who are responsible for maintaining it.

- Andrew J. Streifel, hospital environment specialist, University of Minnesota, Minneapolis, Minn., Preparation for Emerging

Infectious Diseases in the Healthcare Environment. He will lead a panel discussion addressing infectious disease preparedness and the control of airborne infectious diseases through design and operation. relationship between ASHRAE and ASHE. Visit the [ASHE website](#) for more information on their conference.

- Veteran's Health Administration, Washington, D.C., Engineering and Health: Do We Know Where We Are Going. He will discuss the challenges faced by the design community in the healthcare setting.
- John F. McCarthy, Sc.D., Environmental Health &

Engineering Inc., Newton, Mass., Defining the Healing Environment: Risk, Reward, Reality. He will discuss the true value of IAQ programs in the hospital setting by reviewing the aspects of IAQ in the

The conferences will feature 30 scientific papers, tutorials and six panel discussions on IAQ in hospitals, ventilation requirements, infection control issues, chemical/bioterrorism, technical aspects of ventilation in hospitals and risk management.

Registration for the IAQ 2004 conference is \$500 prior to Feb. 20. After Feb. 20, the registration fee will be \$580. For more information or to register, visit [ASHRAE.org](#).

## ASHRAE 2004 Chapter Meeting Dates

| Meeting Date   | Location  | Speaker / Representative       | Program   |
|----------------|---|--------------------------------|---|
| Jan. 14, 2004  | Bogerts Chop House  | Skip Camp                      | IAQ From an Owner's Prospective                                 |
| Jan. 24, 2004  |   |                                | Envelope Seminar  |
| Feb. 11, 2004  | Bogerts Chop House  | Andrew Valente                 | Atria & Large Volume Smoke Exhaust Systems                      |
| March 10, 2004 | Bogerts Chop House  | Gil Avery                      | Maximizing the Cooling Plant Capacity of Central Plant Chillers |
| April 14, 2004 | C. H. Motorcars – * Dinner at Frascati's Italian Restaurant, Naples | Scott George & Brett McKinstry | Ice Storage Systems, Internet DDC & Historic Cars Tour          |
| April 17, 2004 | Cape Coral Yacht Club   | Don Pine                       | 7 <sup>th</sup> Annual Backwater Fishing Tournament             |
| May 12, 2004   | Shellpoint Village – Armstrong Pumps Dinner at Shellpoint Village   | Mark Smith & Dan Parker        | Pumping Seminar   |
| TBA – May      | Miscue Lounge   | Lisa Duritsch                  | 4 <sup>th</sup> Annual 8-Ball Pool Tournament                   |
| June 11, 2004  | TBA   | Mark Brant                     | President's Party   |

## A.S.H.R.A.E - Southwest Florida Chapter 2003-2004 Officers and Committee Directory

### Chapter Officers:

#### President

Mark Brant  
Ph. 239-939-9098  
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#### President Elect

Guy VanMuelebrouck  
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Fax. 239-694-4633

#### Vice President

John Pennington  
Ph. 941-627-8881 ext. 215  
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#### Treasurer

Guy VanMuelebrouck  
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#### Secretary

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### Chapter Board of Governors:

Don Pine  
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Robert Risley  
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#### ASHRAE

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### Chapter Committee Chairpersons:

#### Programs

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#### Technical, Energy, and Governmental Activities

John Trowbridge  
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#### Membership

Kurt Vega  
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#### Research

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### Chapter Committee Chairpersons:

#### Newsletter

Lily Salkoff  
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#### Honors and Awards

Don Pine  
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#### Historian

Randy Saul  
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#### Student Activities

*Statements made in this publication are not an expression of the Society.*