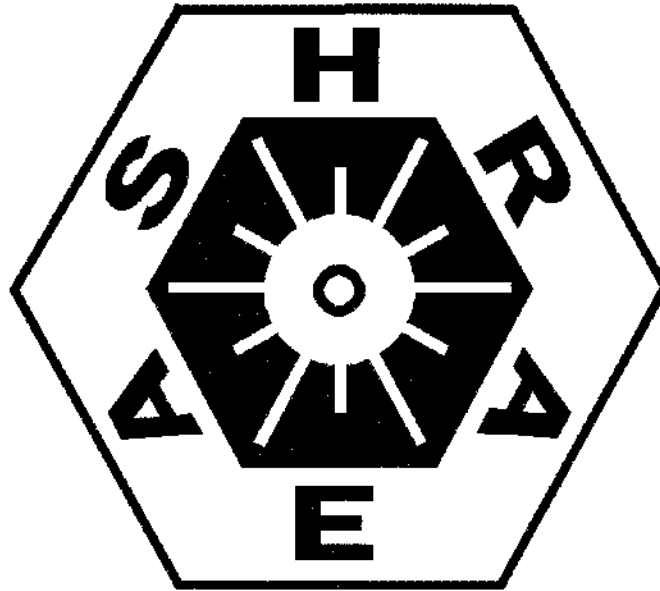


**2001 – 2002 Year End Report**

*Hampton Roads Chapter*



**Richmond, Virginia  
September 19 – 21, 2002**

*Delegate: William Lakin, P.E.*

*Alternate: Scott Almond*

**Chapter Regional Conference 2002  
Region III**

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# ASHRAE CRC CHAPTER SUMMARY REPORT FOR 2001-2002

REGION	111		
CRC LOCATION	RICHMOND		
CHAPTER	HAMPTON ROADS		
CHAPTER NUMBER	027	CHAPTER WEBSITE	HRCASHRAE.ORG

## 1. MEMBERSHIP PROMOTION

	CURRENT YEAR 2001-2002	REPORTED 2000-2001
NUMBER OF AREA-ASSIGNED MEMBERS (AAM)	123	186
NUMBER OF CHAPTER DUES PAYING MEMBERS (CDPM)	128	123
NUMBER OF NEW MEMBERS TO DATE (CDPM)	13	26
NUMBER OF MEMBERS DELINQUENT TO DATE (AAM)	18 (14%)	33 (27%)

## 2. STUDENT ACTIVITIES

NUMBER OF NEW STUDENT MEMBERS	* 32 ✓	5
NUMBER OF ACTIVE STUDENT BRANCHES IN WHICH FACULTY ADVISOR IS CHAPTER MEMBER	2 YES	2 YES

## 3. TECHNICAL, ENERGY AND GOVERNMENT ACTIVITIES

NUMBER OF CHAPTER TECHNOLOGY AWARDS	* 1	1
NUMBER OF PRESENTATIONS ON REFRIGERATION TECHNOLOGY	0	0

## 4. RESEARCH PROMOTION/FUNDRAISING

CHAPTER GOAL	\$ 7,651	\$ 5,440
TOTAL DOLLARS CONTRIBUTED	\$ 7,735 +	\$ 7,351

## 5. CHAPTER HISTORY

CHAPTER HISTORICAL DISPLAY AT CRC	YES	YES
CHAPTER HISTORY MOVED TO WEB SITE	NO	NO

## 6. CHAPTER PROGRAM ACTIVITIES

NUMBER OF CHAPTER TECHNICAL SESSIONS, TECHNICAL SEMINARS, PROGRAMS OR TOURS	7	8.5
NUMBER OF SOCIAL EVENTS HELD SEPARATE FROM A TECHNICAL PROGRAM (I.E., GOLF TOURNAMENTS, CHRISTMAS PARTY, PICNICS, ETC.)	3	2
CHAPTER MONTHLY MEETING ATTENDANCE (AVERAGE)	* ↑ 43	39.3

## 7. FINANCES

TOTAL FUNDS BALANCE	→ \$ 47,870	\$ 41,185.67
CHAPTER DUES	\$ 30	\$ 30
MEMBER COST OF MEALS	\$ 20	\$ 20
DATE OF LAST CHAPTER AUDIT	6/2002	N/A

\* ↑  
\$41,000 SCHOOL

**THE "CURRENT" SOCIETY IS THE YEAR BEING REPORTED, WHICH FOR REGIONS WITH FALL CRCs IS THE YEAR JUST COMPLETED AND FOR REGIONS HAVING SPRING CRCs IS THE YEAR ABOUT TO BE COMPLETED.**

## SECTION II

# ASHRAE Hampton Roads Chapter Leadership Roster Society Year: 2001 – 2002

### OFFICERS:

President .....	William H. Lakin, P.E.
President Elect .....	Scott D. Almond
Vice President .....	Nancy Mitchell-Veeck
Secretary .....	Eric Jones
Treasurer .....	Greg Prose

### COMMITTEE CHAIRS:

Membership .....	Ted Ambrose, P.E.
Student Activities .....	Harlan Krepcik
Student Advisor (TCC) .....	Kelly Krepcik
Student Advisor (ODU) .....	Dr. S. K. Chaturvedi
Historian .....	Melanie Page
Refrigeration .....	Reinhold Kittler
Research Promotion .....	Al Veeck
TEGA .....	W. C. (Bill) Watts

### BOARD OF GOVERNORS:

Governor .....	Timothy A. Patterson
Governor .....	Kelly Mason
Governor .....	Steve Stevenson
Governor .....	Jim Rudiger
Governor .....	Joseph E. Hahn

## SECTION III

### OVERVIEW:

Although we are one of the smaller chapters, The Hampton Roads Chapter of ASHRAE continues to do well, including placing Third Overall in both PAOE and Full Circle, and receiving an “Exceptional” rating in several categories.

We are also blessed with some members who are active at the Regional and Society Levels, and who have helped our local chapter at times.

The year started out with our Secretary/Newsletter Editor having to go out of town for training for six months. This put us in a tight spot, but we divided up the job between several people and managed to keep up with the meeting minutes and get the newsletter out in ample time to our membership. This would not have been possible without the addition of committee members to help the board and chairmen of TEGA, History, and other committees. Our goal was to have one extra person help in each department. We were unsuccessful in our efforts to find that many people to help on a regular basis, but the individuals we did find helped cover for the absence of the Secretary. They also started a welcoming committee and some of these people will transition into board members and committee chairmen for the upcoming year.

To help increase students’ awareness of the HVAC Industry we encouraged two Chapter members to join the Old Dominion University Industry Council. The program’s first step was to have speakers from local consulting engineering firms give presentations and discussions about HVAC engineering to ODU students. The next step in this program is to hire students on a co-op basis into our field and get them interested, with the ultimate goal to get them employed in our industry after they graduate.

### MEMBERSHIP:

The Top Gun Award was achieved and we had two membership promotion nights. Ted Ambrose is serving his last year as membership chairman, and he will be greatly missed. Every meeting membership applications were available at the check-in desk, all guests were announced and the board made an extra effort to talk to the new guests and potential members. Our annual Golf Tournament for Student Scholarship attracts more than 50 guests each year. To give more incentive to join the Chapter, we offered two strokes for every team that had someone join ASHRAE.

Delinquencies still were a challenge; even with each board and committee person taking some of the names and calling we only had minimal success.

## **STUDENT ACTIVITIES:**

Despite being a transition year, with Skip Krepcik taking over for Jim Francis, we got a lot more done and used some outside the box thinking. The ODU Industry Council helped raise awareness of the HVAC&R Engineering Field (see overview for additional information). Although Jim Francis stepped down from being the chairperson, he stayed on the committee and took on a project to increase the membership of the Student Chapter at ODU: Our student membership was getting low and we had a lot of people graduate at one time. Many meetings with pizza and a speaker were held at ODU to help that student branch. One of our chapter members taught an air conditioning class at the school and often used the Fundamentals Manual as a guide for his teaching. This helped increase the student membership at ODU.

For the first time we failed to give away any scholarships to ODU due to no one applying. We voted and increased the scholarship amounts and quantity to the Tidewater Community College.

## **TEGA:**

To raise awareness of the Design Awards available, our chapter ran articles in the newsletter, announced information at the meetings and made flyers available. With all this we were able to come up with one application for a design award at the last minute. Bill Watts, after approximately five years of service, will be stepping down. From what our lessons learned from this year's Design Awards application have made us look into finding projects that may be eligible, then talking to the engineers, instead of vice versa.

## **RESEARCH PROMOTION:**

Al Veeck, who is already very busy at the society level chairing technical committees and speaking at conventions, took over this job at the Chapter and did a great job. He exceeded our goal and worked hard to get the Full Circle Award. One innovative item Al Veeck implemented this year is to have a large committee help him. Howard Webb is a longtime ASHRAE member that everyone knows, and he has spoken at many chapter meetings. He wrote a letter to chapter members explaining the long-term benefits of supporting ASHRAE research promotion. Al Veeck also expanded our new Golf Tournament for Research Promotion and utilized all of his committee members to help the campaign.

## **REFRIGERATION:**

Hampton Roads Chapter has kept very active in Refrigeration. Reinhold Kittler, our chairman, often speaks at meetings and is on some technical committees, so it only made sense to have him speak at our Annual Refrigeration Night on Heat Recovery for Ice Skating Rinks. This was set up as a joint meeting with the Local RSES Chapter. There were many people who stayed after to ask additional questions and talk to Reinhold.

## **HISTORY:**

J. V. Powell, a long-time ASHRAE member, passed away last year. He was very active in the Chapter and was one of the first people involved with air conditioning in our area. Melanie Page spent time gathering information about J. V. Powell to apply for a Society Posthumous Award. Mr. Cox was also interviewed for his accomplishments and recent engineering award. He was a good friend of J. V. Powell and is also an ASHRAE Fellow. Pictures were taken at most of our functions and our chapter board was updated.

## **CHAPTER PROGRAMS:**

Since starting the Distinguished Lecturer Program, we have had one every year, including two Society Presidents. This year it was William J. Coad, PE, who spoke on Ethics and Economics of Energy Conservation for our March meeting. One of our most informative and interesting programs was Marketing 101 in 2001 by Bob Mills, PE. He owns the largest Architectural Firm in Virginia, which concentrates on schools and municipal buildings. What made his program excel was that a lot of the information provided could not be found in books. It primarily dealt with keeping clients happy even when there are problems. To make it more interesting there was a problem with the overhead projector so he ad-libbed, and it was still that good.

## **CHAPTER WEB PAGE:**

Our chapter web page was changed to more closely conform to the Society Guidelines. The links on the advertising page were modified and the address was changed from .com to org. The web page also changed every month to update meeting information and provide flyers for Golf Tournaments or other activities. Often links were provided with directions and home pages of tour locations or golf courses, so chapter members could easily find additional information. The CRC was also linked when it was made available. The web page was off line for a short period to register the new address, but is now back on line.

## **FINANCES:**

Our scholarship fund is self-supporting so the principal will not need to be touched. The meeting location had a large renovation and removed our ability to have our own bar. This meant we had some meetings that had a shortfall.

We researched the possibility of having a cook out or other function to help raise money for operations or research promotion. The Golf Scholarship Tournaments raised approximately \$4,000.00 thanks to Scott Almond's efforts. This coming year we will have the same treasurer, who has become proficient at the new copy of QuickBooks the chapter has purchased.

## **CHAPTER CHALLENGES:**

Several individuals that our Chapter has been fortunate to have had as long time committee chairpersons have decided to step down over the last year: Ted Ambrose with Membership, Jim Francis with Student Activities, Bill Watts with TEGA and Jimmy Carver a while ago with Refrigeration. All of these individuals have won awards and served the Chapter from five to more than ten years. They will be missed, but all are still contributing to ASHRAE in other ways. Some of the other challenges for the chapter are as follows:

- Increase student scholarship applications at Old Dominion University.
- Increase design award applications.
- Renegotiate meeting location and bar contract to eliminate monthly shortfall.
- Remove open bar.
- Increase meeting attendance.
- Increase committee members.
- Make newsletter fully electronic.



## SECTION IV

# HAMPTON ROADS CHAPTER Financial Report

Research Promotion Golf Income: (all funds go to RP Fund)	\$ 2,500.00
Research Promotion Total Contribution:	\$ 8,985.00
Scholarship Fund Golf Income:	\$ 4,607.46
Scholarship Fund (Paine Webber Income Fund of America):	\$ 41,332.82
Chapter Operating Account Balance:	\$ 6,537.31

## PROFIT and LOSS

### EXPENSES:

Christmas Social:	\$ 2,295.50
CRC:	\$ 375.70
Gifts and Awards:	\$ 280.51
TCC Scholarship:	\$ 1,000.00
Web Site:	\$ 314.80
Postage:	\$ 681.17
Bank Charges:	\$ 11.00
Golf Expense:	\$ 12,837.64
Monthly Meetings:	\$ 8,151.24
Miscellaneous:	\$ 245.98
<b>TOTAL EXPENSES:</b>	<b>\$ 26,193.62</b>

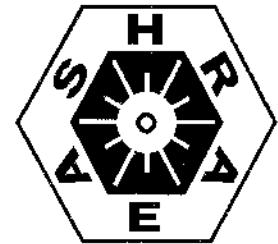
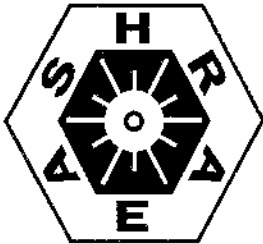
### INCOME:

Golf Income:	\$ 11,840.00
Meeting Income:	\$ 15,053.31
<b>TOTAL INCOME:</b>	<b>\$ 26,875.31</b>

**NET INCOME:** - \$ 318.31

# ASHRAE MONITOR

www.HRCASHRAE.com



### Today's Thought

*"Your job is to try to determine what the people in your life are trying to teach you."*

*-Anonymous*

In this Issue  
This Month's Program  
Page 1 This Month's Program  
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Page 3 Meeting Schedule  
Page 4 Meeting Fax Back

### Refrigeration and Joint Meeting with RSES

**Who:** Members, Prospective members and all interested HVAC&R Associates

**Date:** Wednesday, April 10, 2002

**Place:** Lake Wright Inn—Chesapeake Room  
6280 Northampton Blvd. Norfolk, VA

**Menu:** Tossed salad, London Broil, complemented by chef's selection of potatoes, garden vegetables, rolls, apple pie, coffee and iced tea.

**Cost:** Members \$20.00, Guests \$25.00 and Students \$8.00

**Events:** 5:00-5:45 Board Meeting  
5:45-6:15 Social  
6:15-6:45 Dinner  
6:45-7:00 Business Meeting  
7:00-7:45 Program

**Reservations:** Please confirm your reservations via faxing us the attached reservation form or by going to the Hampton Roads Chapter of ASHRAE's Website at [www.HRCASHRAE.com](http://www.HRCASHRAE.com) before noon, Monday, April 8, 2002.

*President - William H. Lakin, P.E.  
President Elect - Scott D. Almond  
Vice President - Nancy J. Mitchell-Veeck  
Secretary - Eric Jones  
Treasurer - Greg Prose*

*Chapter cannot act on behalf of the Society.*

### Energy Recovery from Make-Up Air in Artificial Ice Rinks

Our presentation this month will focus on Artificial Ice Rinks in southern climates. These recreational centers have become more popular recently and their year round operation create unique energy recovery opportunities. Their size and the presence of ice, a natural dehumidifier, create a challenge for the designer seeking proper ventilation to achieve proper indoor air quality that complies with ASHRAE Standard 62.



Our speaker will explain how to use these two factors in your favor and save energy. Reinhold Kittler, P.E., founder of Dectron Inc. and inventor of the Dry-O-Tron Dehumidifier, joins us to

*Continued on pg. 2*

## From the Presidents Pen



address energy saving methods when treating outdoor air with mechanical dehumidifiers.

Mr. Kittler has worked for over 40 years in the HVAC and Refrigeration Industry as an Application Engineer. He is an ASHRAE Fellow, contributor to five ASHRAE journal articles, author of symposium papers, and co-author of the "Humidity Control Design Guide."



## FREE ASHRAE Alias:

ASHRAE web site [www.ASHRAE.org](http://www.ASHRAE.org) has a free e-mail alias. How many times has your e-mail address changed and you had to inform everyone or even have business cards, etc. reprinted. An e-mail alias will remedy this by having your own ASHRAE e-mail address that will never change. This address will simply route your e-mail to your current e-mail address. If your e-mail address changes you simply go to the ASHRAE web site and tell your alias your new e-mail address. You can choose just about any name for your alias, mine is [bill-lakin@mail.ashrae.org](mailto:bill-lakin@mail.ashrae.org)  
 Bill Lakin, PE  
 Chapter  
 President



With only two functions remaining, it has been a very quick year leading up to our summer break. This month we are very lucky to have one of our own chapter members present the program on refrigeration. Reinhold Kittler, as you can see in his bio, has been active in the HVAC industry for many years, including technical committees (TC's). We are blessed with many individuals in our chapter who are active with TC's, give presentations at regional and national conventions and have made substantial contributions in our field. Don Larson is very active with sustainable/green design; Al Veeck is Chairman of the filtration TC; Jim Cox, PE, just came to our last meeting and has made many contributions and is also an ASHRAE fellow; Jim Rudiger and Calvin Gallop, PE, have spoken to our chapter over the years on balancing and common design problems. Anyone who has been active will remember many of Howard Webb's programs on ammonia and industrial refrigeration. There are others that have been a big influence to our chapter who are no longer with us, including Gordon W. Zipperer III and more recently J.V. Powell, PE.

Our chapter has done well with PAOE (Presidential Award of Excellence) in our region. This time of year we are working on wrapping up our programs and assessing what needs to be completed to reach our goals.

There is still time to donate to the Research Promotion Fund or submit an application for a Technology Award. Depending on how much you donate you can be eligible for a coin or plaque, besides helping promote ASHRAE research. The design applications do not take long to fill out and there are many categories, so it is not too hard to come away with an award. Contact any board member or chairperson for information. Our e-mail addresses are on the web site.

## Committee Chairs

**Membership-** Ted  
 Ambrose, P.E.

**Student Activities--** Harlan Krepcik  
**Student Advisor (TCC)-** Kelly Krepcik  
**Student Advisor (ODU)-** Dr. S.K.  
 Chaturvedi

**Board of Governors--** Timothy A. Patterson, Kelly Ma-  
 son,

Steve Stevenson, Jim Rudiger

**Historian-** Melanie Page

**Refrigeration--** Reinhold Kittler

**Research Promotion-** Al Veeck



### Meeting Announcement

To All Region III Members—

I am forwarding this notice of a joint Regional Dinner to be held in Hawaii during the Annual Meeting this June. This is a new venture for our Region as well as for the others in the Society, but we felt it was a great idea to gather together like this. We will not therefore, be holding a separate Region III Dinner at this meeting.

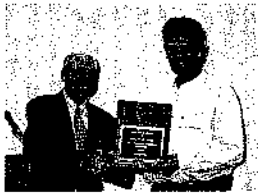
If you plan on attending the meeting and would like to join us click on the link in the body of this e-mail and look at the planned festivities. You can register online by secure credit card transaction or follow the other payment instructions. If you register early the cost is \$40 per person, \$45 per person after June 1, 2002, children are only \$15.

Presidents please see that this information gets in your newsletter for all to see. Thanks, see you all in Hawaii.

Gary C. Debes  
Project Manager  
Bruce E. Brooks & Associates  
2209 Chestnut Street  
Philadelphia, PA 19103  
Voice: 215-569-0400 Fax: 215-569-2664  
E-mail: gary.debes@brucebrooks.com

### Research and Promotion

Jimmy Carver of H. M. Webb accepts a plaque on behalf of



Howard Webb from Society President Bill Coad. The plaque is in recognition of Howards work as chairman of the Research Promotion campaign for 2002.

We would like to conclude the campaign prior to the June deadline. Please review your corporate commitment and send a check to either Howard or Al Veeck as your part of ongoing ASHRAE research.

## ASHRAE 2001- 2002 Meeting Schedule

**"R" for Refrigeration  
Energy Recovery from  
Make-Up Air in Artificial  
Ice Rinks  
Reinhold Kitter  
April 10, 2002**

**Special Thanks to Shultz &  
James for sponsoring April's  
Meeting.**



**ASHRAE Annual  
Scholarship Fund Benefit  
Golf Tournament  
At Cypress Point Golf Course  
Virginia Beach  
May 3, 2002**



### Social Sponsorship



**Special Thanks To MK Technology &  
IDG for sponsoring March's meeting.**

# ASHRAE MONITOR

MAR 28, 2002  
Volume XXIII, Issue 8

c/o Damuth Trane  
1100 Cavalier Blvd  
Chesapeake, VA 23323

ASHRAE MONITOR

To: Hampton Roads Chapter , ASHRAE MEETING  
Fax: (757) 558-9715



I Will Be Attending the April 10th meeting

My e-mail address is \_\_\_\_\_

For meeting reservations please fax this page to Hampton Roads Chapter, ASHRAE or contact Nancy Mitchell-Veeck at (757) 558-3330.

Deadline for reservations and cancellations: Monday, April 8 - Noon.  
Late cancellations and "no shows" will be billed to the appropriate individuals.

Cost: Members \$20.00, Guests \$25.00 and Students—\$8.00

This FAX will confirm my reservation for the dinner meeting.  
This FAX will also confirm the reservations for the following members/guests indicated below:

1. Name on Label (cross out if not attending) 3. \_\_\_\_\_

2. \_\_\_\_\_ 4. \_\_\_\_\_

## SECTION VI

### 2001 – 2002 Programs Hampton Roads ASHRAE Chapter

<i>Date</i>	<i>Theme</i>	<i>Program</i>	<i>Speaker</i>	<i>Location</i>
9/12	Student Night	Sustainable Design	John McLaughlin	Lake Wright
10/10	Membership#1	Marketing 101	John Devan	Lake Wright
11/14	Research Pro#1	BACNET	Richard Fellows	Lake Wright
12/10	Tour & X-mass Social	Chrysler Museum	Stewart Howard	Chrysler Museum
1/09	Membership#2	IAQ-62	Dr. Wayne Thoman	Lake Wright
2/13	Past Presidents Night	Utilizing the IAQ Procedure	Steve Ziton	Lake Wright
3/13	Research Pro#2	Distinguished Lecturer The Ethics & Econ of Energy Conservation	William J. Coad Society President	Lake Wright
4/10	“R” for Refrigeration	Energy Recovery from Make-up Air in Artificial Ice Rinks	Reinhold Kittler	Lake Wright
5/7	Fund Raiser Scholarship	Golf Tournament		Cypress Point