

From the DRC

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Our future is in good hands based upon what I witnessed at the Solar Decathlon in Washington, DC on the mall. There were 18 teams from various universities from around the world that competed in various categories for the best house. The college students were inventive and clever. Most did their own fund raising and many took time off from college for the three week competition that culminated 18-24 months of work. Our Region was one of the sponsors of the ASHRAE student night. ASHRAE President-elect Terry Townsend was one of the judges and encouraged the students to continue to search for answers to our energy problems. He also told them about ASHRAE's advanced energy guide and the need for more innovation and research to reach ASHRAE's goal of saving 75% over our 2001 Standards energy savings.

Please be aware that ASHRAE offers each member the option of paying three years dues at once. You can write one check to pay for the next several years dues and do not have to worry about a dues increase during that time.

Each chapter should nominate one or more young engineer for the New Faces of ASHRAE program. ASHRAE will be selecting one candidate to represent ASHRAE for National Engineer's Week.

The CRC in Roanoke was excellent this year. I would like to thank the chapter and CRC committee for a great time. All chapters were represented in the business meeting on Friday. President-elect Terry Townsend presented the President's Address and moved all the attendees.

See from the DRC, continued next column

From the DRC, continued

Based upon his presentation the Region adopted the theme “When you drink the water, remember the spring” for this year and all chapters agreed to promote the theme at their chapter meetings throughout the year.

The only disappointing part of the CRC was the lack of attendance at the Saturday workshops for the grassroots committee. Even when transportation costs to the CRC are paid by ASHRAE and some chapters pay for the hotel expenses attendance is very low. Please send me your ideas on how we can improve attendance of the grassroots committee members, suggestions on how to improve training or new ways to conduct the training.

Thanks for your continued involvement in ASHRAE.
Charlie ❖

Regional Historian

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The Society year has now kicked off following a fine CRC hosted by the Roanoke Chapter, a perfect location with a great Welcome Dinner full of History to fill the mind.

Hard to believe that we are already close to the half way mark. I encourage all Chapters who have not yet filled the Historian Position for this year to continue to strive towards that goal. At the very least, contacts should now be made in trying to find a Historian for next year. The last minute scramble to fill the position is always a recipe for disaster as you usually end up just coercing someone who is not all that interested to fill the slot with little or no support and generally without a long term commitment. Now is the time to begin mentoring and grooming, if you will, someone who has a genuine interest to serve and support the local chapter. Be prepared to respond to questions about work commitments, home commitments, and other time consuming "extra-curricular" commitments. Being willing to offer thoughtful, honest answers will enable you to make inroads into securing an interested and dedicated volunteer. I encourage all Chapters to continue updating their PAOE reports and as always do not hesitate to contact me with any questions you may have regarding your Chapter History- Past, Present, and Future.

Tom ❖

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From the ARC

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Strength in Chapters

This past year I shared with you my thoughts on Communication, Enthusiasm, Motivation, and Leadership. The idea was to start my year as Assistant Regional Chairman sharing my thoughts with what characteristics were needed by our chapter leaders to develop and maintain strong, local chapters. This past year I have seen some renewed enthusiasm in many of our region's chapters. Society year 2004-2005's Region III President Elect Workshop and CRC has shown an increase in regional participation. These are indications of a promising start towards a more active Region III. This year I am going to base my articles on what things I believe are necessary to develop and maintain a strong chapter.

- **Effective Chapter Meetings**
- **An Active Chapter Board**
- **Knowledge of ASHRAE and it's Mission**
- **An ASHRAE Community**

Those of you who have read my past articles or have talked with me know that my major goal in ASHRAE is to dispel the perception I have referred to as "Us and Them". By that I mean that the local chapter and Society are separate entities. They are not. The local chapter is the local assembly of Society Members and the local mechanism by which the mission of Society is performed. That is why it is important that a local chapter makes its best efforts to have an active Board and Grass Roots Committees. The Officers are to serve the needs of the local membership and to provide leadership to direct local Society activities. The Grass Roots Committees are there to perform the local activities of ASHRAE's work. That work includes the development of our future industry professionals (Student Activities Committee); the sharing of the technology Society develops (Chapter Technology Transfer Committee); the procurement of funds to further ASHRAE Research (Research Promotion Committee); and the recruitment of people entering our profession into Society and most important they become volunteer members (Membership Promotion Committee). These efforts are the importance of your local chapter. I hope this insight helps you to view your chapter meeting as more than a monthly get together and listening to some sales rep push his wares. I also hope that it may give you a reason to get involved in your local chapter.

See *Effective Chapter Meetings*, next column over

Effective Chapter Meetings, cont'd

Your investment of a couple of hours can make a big difference in the quality of your chapter's efforts.

I hope I have shown you the importance of the local chapter and its meetings. What comprises an effective local chapter meeting? The first thing that comes to mind is a good technical program. Whether it is a review of established technology or something new, it should be informative to the membership. It has been said the most important thing involving the success of a local chapter is the quality of its programs. You are asking your members to make a considerable investment of time and money to attend your meetings. The quality of the meeting is must and can make or break the success of your chapter. The program should not be commercial in nature and should comply with established ASHRAE Commercialism Policy. Your Programs Chair should be familiar with the guidelines in the Manual for Chapter Operations and should make the speaker aware of what is expected of them. He should also make the speaker aware that his presentation should be meaningful and well prepared and should be worthy of the investment of the members time to attend. The second thing that comes to mind is a meaningful Chapter Business Session where the activities of the chapter are communicated to the attendees. It should feature the highlights of recent chapter board meetings, major items of interest from regional activities, and items of interest from Society or its publications. The third thing that comes to mind is that the meal and venue should encourage membership attendance. Is the meal pleasant and a good value? Is the meeting time and location convenient? An active local ASHRAE presence is important to the mission of Society. The effectiveness of those efforts depends on active participation of members in the local chapter. The amount of activity and participation by chapter members is directly related to the quality of the local chapter meetings. Good meetings are the first step in a strong local chapter and an active region.

In closing, I would like to invite any comments or suggestions as to what might be included in future editions of the "Regionaire" This is the newsletter of Region III. The "Regionaire" is produced to give direction and assistance to officers and committee members of the local chapters. It is also to inform and draw our membership closer into ASHRAE by being better informed of regional activities. Significant articles I see in your local chapter newsletters will be included in future editions. In this edition I have included an article by Chapter President, Manish Patel, from the Anthracite Chapter Newsletter. If you have an article you wish to share or a question involving ASHRAE, please forward it to me. I will review your submissions with our DRC, Charlie Henck, for publication. Your questions will be directed to the Regional Officer best suited to supply the answer in a future edition.

Yours in ASHRAE,
Dan ❖

Nominating Committee

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The importance of the Nominating Committee can not be overstated. The very life and vitality of ASHRAE depends on the leaders that are nominated at the CRC Caucus for the various Regional Offices (DRC and RVC's), Society Officers (President-Elect, Treasurer and Vice Presidents) and recommendations to the Society President-Elect of qualified members to fill vacancies on the standing Society Committees: Admission and Advancement, Electronic Communications, Environmental Health, Finance, Handbook, Historical, Honors and Awards, Meeting Arrangements, Refrigeration, Research Administration, Planning, Professional Development, Publications, Society Program, Society Rules, Standards, Standard Advisory and Technical Activities.

The CRC Caucus is also responsible for making recommendations for Region III Awards, which are the Regional Award of Merit (3 maximum per year) and the Chapter Service Award (limit 2 per chapter per year), and Society Honors and Awards which are Honorary Member, Fellow, F. Paul Anderson Award, ASHRAE-ALCO Award, Distinguished Service Award, Exceptional Service Award, Andrew T. Boggs Service Award, Louise and Bill Holladay Distinguished Fellow Award, ASHRAE Hall of Fame and the John F. James International Award.

(Please note: Submissions of Fellow nominations must be complete and in to the Society Honors and Award Committee by December 1 to be considered at the Society Winter Meeting. Please make sure your complete submission is transmitted to Tom ASAP before this deadline).

Participating in the CRC Caucus is your opportunity to recommend your chapter's leaders for higher office at the Region III and Society levels, to recommend interested and qualified chapter members for service on Society committees and to recognize and honor chapter members who have provided outstanding service at the chapter, region and the Society levels.

Although our next Region III CRC in Pittsburgh, August 10-12, 2006 seems far off, it's not too early to organize your chapter's CRC Action Committee.

See *Nominating Committee*, next column over

Nominating Committee, cont'd

This committee should be composed of two past Delegates, the present Delegate and Alternate Delegate and is responsible for preparing the chapter's annual report, preparing the chapter's motions (regional and Society), preparing nominations for regional and Society Offices, preparing recommendations to fill Society Committee vacancies, preparing candidate submissions for Honors and Awards and finally to train future Delegates.

Here is a suggested planning schedule for your chapter's CRC 2006 Action Committee:

1. Organize and appoint committee members ASAP (if not already done).
2. March 2006: Activate Committee.
3. April 2006: Hold meeting and assign tasks.
 - Regional Officers and first and second backups.
 - Society Officers.
 - Society Committee positions.
 - Regional and Society Honors and Awards candidates.
4. May 2006: Contact candidates and confirm their willingness to serve if elected/appointed. Prepare biographies, histories and letters of nomination on chapter letterhead signed by the chapter president or president-elect or vice president.
5. June 2006: Prepare chapter's annual report and motions to be presented at the CRC business meeting. Review all documentation for submission of items listed under (3) above and identify gaps and weaknesses and take appropriate action(s) to remedy.
6. July 2006: Review and complete final preparation of all items to be presented at the CRC Caucus and business meeting.
7. August 10-12, 2006: Attend Executive/Caucus sessions (Thursday evening and if necessary Saturday morning) and present your chapter's nominations, recommendations and Honor and Awards submissions and also vote on positions representing your chapter. Attend the business meeting (Friday) and present your chapter's annual report, make your chapter's motions and vote your chapter's position on motions and other business brought before the meeting.

Please feel free to contact your Nominating Committee members for any questions or help in preparing your candidates' submissions.

Tom ❖

Research Promotion

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Resource Promotion Results as of October 28, 2005

Regional Summary

Region III has collected **\$35,135** toward ASHRAE Research. Our annual goal is **\$195,710**, so don't let up – we can reach it!

Chapter Summary

Chapter	Chair	YTD	Goal
Philadelphia	Bill Hart	\$2,775	\$26,567
Central Penn	Dan Wyrick	\$3,339	\$10,918
Johnstown	Barry Rains	\$500	\$2,379
Pittsburgh	Kurt Scheer	\$750	\$6,336
Baltimore	Mike Ford	\$1,806	\$25,107
Nat'l Capital	Lee Guill	\$20,805	\$42,302
Hampton Rds	Tim Patterson	\$365	\$8,281
Richmond	Terrance Kerner	\$1,310	\$10,192
Lehigh Valley	Stuart Heisey	\$600	\$3,387
Delaware	Bob Schunke	\$465	\$11,393
Roanoke	Chris Beverly	\$1,945	\$10,784
Anthracite	Frank Kilyanek	\$475	\$8,064

PAOE Activities to Date:

1. Attend the CRC workshop – 7 of 12
2. Conduct a planning session with the RVC and turn in an Action Plan – 12 of 12 Chapters
3. Turn in Volunteer Committee Worksheet – **ONLY 4 of 12 so far**
4. Donor Recognition 6 of 12 Chapters
5. Full Circle – 3 Chapters so far have reached Full circle before I reach Regional Full Circle. (15 Bonus PAOE Points)
1st (9/8) - Roanoke – Chris Beverly
2nd (9/9) – Richmond - Terrence Kerner
3rd (9/29) - Central PA - Dan Wyrick

The FTP site has been populated with the October campaign reports. Also, the Expo list is on the FTP site. For a 1,000 donation, these companies can get marketing recognition at the Chicago AHR Expo – See the RP Training Manual for details.

Thanks for all your hard work and communication so far!
Let's keep it up!

Brad ❖

Membership Promotion

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Mentoring: Mentoring means different things to different people. By definition (according to Webster's), a mentor is a trusted counselor, guide, or coach. In the world of ASHRAE, mentoring plays a crucial role in the development of an individual, local chapter, and Society as a whole. When people are engaged, they feel a sense of belonging. This will keep them coming back, and participating. Assigning a mentor to new Chapter members is the quickest way to get them involved and keep them active. In addition, it will assist in the professional development of the individual.

I encourage each of you to request your chapter Board of Governor's participation, and assign a BOG Member (or other Senior ASHRAE Member) to every new member of your Chapter. Make sure that the mentor contacts the new member, helps answer any questions they may have, and gets them involved with the local chapter. Serving on the MP committee is a great way for new members to meet people, and become engaged in ASHRAE activities. In addition to sustaining and growing your chapter membership and providing your new members with a valuable service, there are PAOE points available for chapters with active Mentoring Programs.

Additional information on Mentoring activities can also be found in your Membership Promotion Chairman's Resource Manual and on the CD provided at CRC. One of the most common reasons for not renewing ASHRAE Membership is that the member was not active and did not feel connected to the group. The mentor and other chapter members need to make new members feel welcome and a part of the group.

Remember, ASHRAE is a volunteer organization, as are many other trade organizations, and we rely on the active participation of our membership to provide the technical expertise, develop the standards and provide the programs currently offered. If you need further assistance on developing your Chapter Mentoring Program, please feel free to contact me.

George❖

**Have you made your
Annual Contribution to
ASHRAE Research
Promotion?**

Student Activities

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CRC 2005

While only one chapter student activities chair was attended the Student Activities Workshop in Roanoke this past August, surprisingly, we had a very productive meeting. Both Society President Elect, Terry Townsend and Society Vice President, Gordon Holness contributed to a lively discussion on what we as a committee need to do to bring more young people into our industry. Many of your chapter presidents have some great ideas on reaching out to our students. Our goal for next year is to have all twelve chapter student activities chairs attend CRC in Pittsburgh. Anything less will not be accepted.

PAOE

Calling all chairs – Remember, you can earn an easy 25 points by simply reporting your activities by November 1.

Unbelievable!!! - Four of the twelve chapters have completed their individual planning sessions prior to October 1 (and as of the 11th) to earn an easy 50 points. While the rest of you missed out on the points, please . . . send me your MBO's!

Student Activities Points as of October 11, 2005:

Lehigh Valley	225
Pittsburgh	175
Roanoke	100
Baltimore	50
Johnstown	50
Philadelphia	50
Anthracite	0
Delaware	0
Central PA	0
Hampton Roads	0
National Capital	0
Richmond	0

Keep up the good work Mr. Walker!

SCHOLARSHIPS

Student Activities Chairs – Please notify your student members of the many scholarships that ASHRAE has to offer.

See Student Activities Committee, next column

Student Activities Committee, cont'd

For information on scholarships go to:
<http://www.ashrae.org/template/AssetDetail/assetid/23628>
Here is a listing of the available scholarships:

UNDERGRADUATE ENGINEERING SCHOLARSHIPS – APPLICATION DEADLINE: DECEMBER 1

ASHRAE Scholarships (2) - \$3,000
ASHRAE Memorial Scholarship (1) - \$3,000
Alwin B. Newton Scholarship (1) - \$3,000
Duane Hanson Scholarship (1) - \$3,000
Henry Adams Scholarship (1) - \$3,000
Frank M. Coda Scholarship (1) - \$5,000
Reuben Trane Scholarships (4) - \$10,000 (2 years - \$5,000/year)

UNDERGRADUATE REGIONAL & UNIVERSITY- SPECIFIC SCHOLARSHIPS – APPLICATION DEADLINE: DECEMBER 1

Associate Degree Engineering Technology Scholarship (2) - \$3,000
Bachelor Degree Engineering Technology Scholarship - \$3,000

GRADUATE RESEARCH FELLOWSHIP

Willis H. Carrier Graduate Research Fellowship - \$21,000

Paul ❖

CALENDAR OF EVENTS

ASHRAE WINTER MEETING

CHICAGO, ILLINOIS JANUARY 21-25, 2006

INTERNATIONAL AIR CONDITIONING, HEATING, REFRIGERATION EXPOSITION (AHR Expo)

CHICAGO, ILLINOIS JANUARY 23-25, 2006

REGION III CHAPTERS REGIONAL CONFERENCE (CRC)

PITTSBURGH, PENNSYLVANIA AUGUST 10-12, 2006

Regional Planning Meeting

Baltimore, Maryland To be announced

President Elect Workshop

Baltimore, Maryland To be announced

Where is my Research Promotion contribution going?

Just in case this is something you have been wondering, a good bit of it is being invested right here in our region. Below is a list of active research projects in Region III

1051-RP **PROCEDURES FOR RECONCILING COMPUTER CALCULATED RESULTS WITH MEASURED ENERGY DATA**

September 2003 – March 2005
Drexel University
Principal Investigator, T. Agami Reddy
TC 4.7, Energy Calculations

1091-RP **DEVELOPMENT OF DESIGN STRATEGIES FOR RAINSCREEN AND SHEATHING MEMBRANE PERFORMANCE IN WOOD FRAME WALLS**

September 2000 – September 2004
Pennsylvania State University
Principal Investigator, E.F.P. Burnett
TC 4.4, Building Materials and Building Envelope Performance

1212-RP **AIRFLOW MEASUREMENT OF BIOLOGICAL SAFETY CABINETS**

September 2002 – October 2004
Micro-Clean, Inc. Principal Investigator, James T. Wagner & Donald J. Clarke TC 9.10, Laboratory Systems

1252-RP **INTERACTIONS BETWEEN DYNAMIC ELECTRICAL RATES AND THERMAL ENERGY AND STORAGE**

April 2004 – November 2005
Field Diagnostic Services, Inc.
Principal Investigator, Todd M. Rossi
TC 7.4, Building Operations Dynamics
TC 6.9, Thermal Storage

1260-RP **REFRIGERANT DISTRIBUTION IN EVAPORATOR MANIFOLDS**

June 2003 – December 2004
University of Maryland
Principal Investigator, R. Rademacher
TC 8.4, Air-to-Refrigerant Heat Transfer Equipment

Active Research Projects continued

1270-RP **PERFORMANCE CHARACTERISTICS OF SELECTED REFRIGERANTS IN FLAT MICROSCALE CONDENSERS**

December 2004 – December 2006
University of Maryland
Principal Investigator, Michael Ohadi
TC 1.3, Heat Transfer and Fluid Flow

1275-RP **EVALUATION AND ASSESSMENT OF FAULT DETECTION AND DIAGNOSTIC METHODS FOR CENTRIFUGAL CHILLERS – PHASE II**

January 2004 – June 2005
Drexel University
Principal Investigator, Agami Reddy
TC 7.5, Smart Building Systems

1312-RP **TOOLS FOR EVALUATING FAULT DETECTION AND DIAGNOSTIC METHODS FOR AIR-HANDLING UNITS**

September 2005 – August 2007
Drexel University
Principal Investigator, Jin Wen
TC 7.5, Smart Building Systems

What's in it for me?

A reprint of Anthracite Chapter's October Newsletter Article by Chapter President, Manish Patel

I would like to take this opportunity to answer the question "What can ASHRAE do for me?" ASHRAE membership provides free management training. Employee involvement in ASHRAE increases the 3 "P's"; Profitability, Productivity, and Proficiency. ASHRAE improves employee communication and management skills by improving ability to conduct a business meeting and developing the ability to delegate and assign tasks. ASHRAE improves your ability to work with a wide spectrum of people and helps you learn to monitor the progress of tasks. ASHRAE also teaches us to solve problems without confrontation and to differentiate between leadership and management. Simply put, management deals with speed and efficiency where as leadership deals with direction and problem solving. Also, ASHRAE can contribute to continuing education through Continuing Education Units for professional development. In short, the few hours you spend being involved with ASHRAE can improve the quality of all the other hours in your week. Now that's a high leverage activity! Thank you

Chapter Technology Transfer

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Chapter Technology Transfer ('05 - '07)
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The year is well underway and I trust you're all proceeding (with or without me)...

Goal Setting Discussion

I have not forgotten about the goal setting sessions! While I have been snowed under and I have not been able to complete the goal setting phone calls as previously advertised, I still intend to complete the task and award you the points as appropriate. The points are up to my discretion, and I promise that my failure to complete the task on time will not prevent you from collecting points and succeeding in your appointed task. So stay tuned....

Distinguished Lecturer Series

As previously discussed, we have five Distinguished Lecturer allocations for the coming year. An allocation means that if you follow the procedures of the Program, Society will pay the travel costs related to getting the DL to your Chapter (and home again). Four of the allocations were originally targeted at the Anthracite, Baltimore, Delaware, and Hampton Roads Chapters.

The horse-trading started almost before I could get the announcement out of my mouth. Several Chapters indicated that they would like to host a Distinguished Lecturer. Others announced that they would like to participate at their own expense, if necessary.

Baltimore will be hosting Julian DeBullet in his presentation of "Selection Criteria Affecting the Chiller in a Chilled Water System" on February 23, 2006. Johnstown will also be host Julian in a presentation on "Energy Analysis: Option or Necessity?" on March 14.

Soon it will be first come, first serve. Get your Participation Forms into me as soon as possible.

I'm still encouraging all of the Chapters in our Region to use at least one Distinguished Lecturer this year! Many of them reside in our Region and would be more than happy to come speak to your Chapter at no expense to ASHRAE or to the local Chapter. All you have to do is ask! Pick up the phone, and give it a try!

See CTTC next column

CTTC continued

Awards Update

There were a number of Regional Technology Awards distributed at CRC. Of those finalists, two chose to submit for Society level award consideration. Unfortunately, neither of those submission were finalists at the Society level. Each of the entrants was sent a politely worded, customized letter indicating that their entries lacked innovation and did not include enough supporting documentation regarding the energy performance of their buildings.

Do not lose hope! There is lots of innovative and interesting work being produced in our Region. The Technology Awards are an opportunity highlight that work both for the benefit of the designer and for the benefit of the facility owner. Your challenge is to encourage the members of your Chapter to participate and share their innovative designs and their wealth of experience with the rest of Society.

Regional Speakers List

Following CRC, I asked each Chapter to provide me with a list of the Programs and Speakers used last year so I could compile a little historical data to make our lives easier moving forward. I've gotten cooperation from a number of you, but a few (and I won't name names...yet!) still need to get me that information. Please help me, so I can help you.

Ben ❖

**Please redistribute the
Regionaire to your local
chapter members. It informs
them of what is being done at
the regional level of Society
here in Region III and
reinforces your efforts in your
local chapter!**