

“REGIONAIRE”

Volume 3, Issue 1

July 2006

From the DRC

Dan C. Pettway, Region III Director and Regional Chairman ('06-'09)

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Changes

There have been some changes in my life in the past several months. As my time in Region III ASHRAE has grown I have been privileged to get to know the four past DRC's. As I worked in many Society positions with them, I developed a great deal of respect for Tom Sobieski, Julian DeBullet, Gary Debes, and Charlie Henck. I can tell you that from having just slipped on and briefly worn the shoes they have filled, that respect has deepened exponentially. Especially with the quality of leadership they have provided our region. It will be challenging to provide you that same quality of leadership, but I will give you the very best I can. I am also very fortunate to have had the total support of all four of these gentlemen as I have transitioned into my new position. I feel I am coming up to speed very quickly, but only because I have the four of them to provide guidance. I have heard Gary Debes make the statement about those who bleed ASHRAE blue. These guys all do! Thanks ever so much to each of you. While I am handing out Kudos, let me also say that I have gained a new appreciation for ASHRAE spouses. There are a tremendous number of those who take on a little extra so we dedicated ASHRAE volunteers can have time to support our Society. I know I am going to try to remember to thank mine a little more often for her support!

CRC - Pittsburgh

CRC is right around the corner! Starting on Thursday, August 10th, the Technical Sessions will be held during the day and the Regional Caucus that night. The Business Sessions follow on Friday during the day with a presentation by Society Vice President Hugh McMillan, Regional and
See from the DRC, continued next column

From the DRC, continued

Chapter Reports and Motions from the chapters. The Society President's message will be delivered by Society President Elect, Kent Peterson at the Presidential Lunch. The Welcome Party is Friday evening and the host CRC Committee is featuring a Texas Hold'em Tournament as part of the festivities. Saturday brings the Regional Workshops. I have planned a little something different for the Chapter Operations and Leadership Workshops. These two sessions will feature presentations by the above mentioned past DRC's, our most current past Director at Large, Andy Persily, and our two current DAL's, Tom Watson and Bill Bahnfleth. Society Vice President, Hugh McMillan is going to take part as well. Our Regional Vice chairs and others will round out the presenters of the remaining workshops on Saturday. To top off the CRC, the Awards Luncheon will recognize chapter and personal excellence in ASHRAE service. If you attended CRC Pittsburgh twelve years ago you will find Station Square has added many new activities and places for dining and entertainment. The CRC committee and those making presentations have worked hard to provide you with a great CRC. I am excited and I hope you will find this CRC an enjoyable one. I will see you soon in Pittsburgh!

Regards,
Dan
❖

Regional Historian

Carl Courtney, Region III

Regional Historian ('06 - '07)

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As Regional Historian, I look forward to seeing all Chapters represented at the Chapter Historian Workshop on Saturday August 12. In the past many Chapters have struggled to fill the Chapter Historian Chair by the time of the CRC. Let's try to have each Chapter send a representative to the CRC workshop. Some attendees might even learn a few things about the successes of other Chapters. I encourage you to bring a display which showcases the History of your Chapter. As always, please bring an open mind, fresh ideas, and a positive attitude.

Carl ❖

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From the ARC

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This issue contains a summary of ASHRAE activities that most people normally do not hear about, but might be of interest. Items such as Solar Decathlon, Student Design Competition, research spending, new member educational programs, electronic Journal and code activities. Hope you find it beneficial.

Career Resources: A new internship program will be available in the fall 2006 for student members. This will offer a guide for students seeking internships, a guide for employers who are seeking interns, and an online program where students can learn about available internships in ASHRAE-related businesses.

Undergraduate Senior Project Grant Program: Twenty six projects in the 05-06 Undergraduate Senior Project Grant program are underway totaling \$110,000. Twenty six projects totaling \$120,000 have been selected for the 06-07 program

Post-High: We have 225 active student branches. We are happy to announce we have our first two student branches in Pakistan. ASHRAE Society will be serving as a title sponsor to the 2007 Solar Decathlon in Washington, D.C. Planning is underway with the support of the Solar Decathlon Ad-Hoc Committee.

Student Design Competition: The 2006 competition of Dallas Power & Light recently concluded. Winners will be announced no later than Friday, August 4, 2006. The 2007 competition is nearing completion and will feature a recently redesigned building in New York City, USA.

K-12: ASHRAE promoted and supported E-Week 2006 and Introduce-a-Girl-to-Engineering Day (IAG). We offered buttons and certificates for participants in IAG programs our chapter members facilitated. The Atlanta Chapter co-sponsored Georgia Tech's annual Introduce a Girl to Engineering Day, which was held on Saturday, February 18, 2006. The program included more than 200 participating middle and high school girls, as well as the support of several businesses and engineering societies.

Promotion: The new version of the Careers in HVACR movie is currently being produced and is themed "It Ain't Cool to be Hot!"

See **News**, next column over

News cont'd

CTTC Satellite Broadcasts/Webcasts: The second CTTC Satellite Broadcast, "Sustainability and the Building Environment," was completed on April 19, 2006 with just over 8,900 viewers. Two Professional Development Hour (PDH) credits were awarded to participants and reported to the appropriate state licensing agencies.

Homeland Security Satellite Broadcast: November 14, 2006 satellite broadcast/webcast, "Multiple Benefits Solutions for Enhanced Building Security". This free ASHRAE program will provide information for building owners, occupants, and those who design and implement measures to reduce vulnerability to terrorist attacks as well as natural and accidental incidents in buildings.

Distinguished Lecturer Program: A total of 110 visits were made by the forty-one Distinguished Lecturers participating in 2005-2006.

Research: Year to date, 21 new research projects were approved for funding. Eleven projects were completed, leaving 81 projects under contract with a total value of \$8.2 million, of which \$2.8 million remains to be paid after accruals.

Technical Services: Technical Services has responded to an average of 15 technical inquiries per day related to ASHRAE publications and other general HVAC&R topics. The frequently asked question (FAQ) section on the Web site now addresses 92 questions.

Education: ASHRAE launched its first eLearning System in partnership with Elsevier, Ltd. The program offers online, on-demand interactive learning. The first course "HVAC Systems" was released in April. The second course "Fundamentals of 90.1" is scheduled for release in September.

Journal: In May, ASHRAE launched the digital edition of ASHRAE Journal. The digital Journal allows members to view and print complete issues of ASHRAE Journal as they are published.

Code Interaction Committee: CIS submitted ten code change proposals for the upcoming ICC hearings in September 2006. Three alternative proposals were written for Standard 62.1, two proposals were submitted for Standard 90.2 and five proposals were submitted for Standard 90.1.

Charlie❖

Nominating Committee

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Gary C. Debes, Region III Nominating Committee Alternate Member ('05-'08)
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Preparations for Caucus and Executive Session, CRC'06, Pittsburgh

The Caucus and Executive Session is scheduled for 7:30-10:00PM Thursday, August 10, 2006. Only Chapter Delegates and Alternates and the Region III Member and Alternate Member of the Nominating Committee are permitted to attend the closed Caucus (**Note: The proceedings of the Caucus are secret and are not to be discussed or disclosed outside the Caucus, even among Caucus attendees**). Chapter Delegates should bring letters of nominations and updated "bios" (14 copies) for:

(1) Nominations for a Society Office (President-Elect, Treasurer, four Vice Presidents and three Directors-at-Large).

(2) Nominations for Regional Office: Regional Vice Chair-Chapter Technology Transfer, to replace Ben Crowley ['05-'07] as well as 1st and 2nd backups for this position.

(3) Confirmation of 1st and 2nd backups for Dan Pettway ['06-'09], DRC, George Wells III ['05-'08], RVC-Membership Promotion, Paul Petrilli, ['05-'08], RVC Student Activities and Dan Wyrick ['06-'09], RVC Research Promotion.

(4) Recommendations for Society Committee positions.

(5) Nominations for Honors and Awards (see criteria at: www.ashrae.org/Honors).

Also, any issues that your chapter believes should be discussed in private may be addressed during the Caucus. These might include wording and/or appropriateness of motions to be made at Friday's business meeting, delicate personnel matters, chapter problems, etc.

The Caucus will be continued at 6:30-7:30AM Saturday if necessary.

This is your chapter's opportunity to advance your chapter's proven leaders to Regional and Society leadership positions and recognize and honor chapter members for their voluntary service to ASHRAE at the Chapter, Region and Society levels.

See you on August 10th.
Tom ❖

Can't Make the Annual or Winter Meeting Technical Sessions? The latest HVAC&R Technical Data from the ASHRAE Meeting Seminars now available Online or by DVD. Check it out at www.ASHRAE.org and go to the online Bookstore. ❖

Dr. Reinhard Radermacher, Ph.D of the Mechanical Engineering Department, University of Maryland has been elevated to the membership grade of Fellow. The award is scheduled to be presented to him at the Dallas Winter Meeting.

Keep your chapter Website updated. It is your members up to the minute link with what is going on in your local chapter.

CALENDAR OF EVENTS

ASHRAE WINTER MEETING

DALLAS, TEXAS JANUARY 27-31, 2007

INTERNATIONAL AIR CONDITIONING, HEATING, REFRIGERATING EXPOSITION (AHR EXPO)

DALLAS, TEXAS JANUARY 29-31, 2007

REGION III CHAPTERS REGIONAL CONFERENCE (CRC)

PITTSBURGH, PA AUGUST 10-12, 2006

Research Promotion

*Daniel E. Wyrick, Region III Vice Chairman
Research Promotion ('06 - '09)*
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Incoming RVC

A new training strategy has been established by Society for Research Chairs this year. The idea behind the plan is to attempt to employ 'best practices' theory by having three centralized training times and locations. Our location is Chicago - September 16th with Regions: **II, III, V, VI and VIII** at the

Holiday Inn Select
10233 W Higgins Rd
Rosemont, IL 60018
847/954-8622 phone
Cut off for registration is August 31st
All trainings will run from 8am – 5pm.

I know Patricia Adelman has been contacting Region III RP Chairs to confirm their plans. Just a reminder, that everyone can use American Express (ASHRAE's travel agent) to schedule transportation. All those meeting in Chicago are invited to meet for dinner on Friday evening. I'll have further details at CRC.

What this ultimately means this year is that RP Chairs are required to attend training in Chicago and not at CRC. Hopefully, you'll all come to CRC anyway. We will gather informally for some updates and confirmation of plans and contact information. If you can not make Chicago let me know ASAP.

2005-2006 Final RP results

I know the results came out this week. Being the new guy, I'll leave the communication of those results to Brad. He worked diligently during his three year term and has left some rather large shoes to fill. With your help, I'll work to continue the level of commitment that Brad has established in Region III.

At CRC and Centralized Training, I'll provide this year's Chapter goals and discuss the plans to achieve them.

I look forward to seeing you in Pittsburgh (and then Chicago – my kind of town)!

Dan ❖

Membership Promotion

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Membership Promotion ('05 - '08)*
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Membership Promotion Committee, cont'd

Quebec City

Thank you for your hard work this past society year by each of the Chapter Membership Promotion Chairs. Our region showed leadership in membership promotion by ending the year with positive membership growth, showing significant new membership, while minimizing delinquents.

CRC 2006

All Chapter Membership Promotion Chairs need to attend the upcoming Region III Chapters Regional Conference in Pittsburgh, PA. **This is the most important task the Membership Promotion Chairs will undertake this year!** This workshop provides the necessary grounding in order for the MP Chair to fully understand the task at hand. It is a proven fact that CRC attendance enables the MP chair to get off to running start, which will result in a successful year. The Membership Promotion Workshop will be held on Saturday afternoon, August 12, 2006. **Attendance at the CRC MP Workshop by Chapter MP Chair enables the chapter to receive 100 PAOE points.** In addition, CRC workshop is required for the chapter to receive the Top Gun Award. I am looking forward to seeing you all Chapter MP Chairs at the Region III CRC.

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. Your Chapter Board of Governor's participation is a must. 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 chapter's Membership Promotion 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 50 PAOE points available for chapters with active Mentoring Programs.

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. A willing volunteer who is not utilized is a tremendous waste of a valuable resource. A good Mentoring Program can eliminate this waste. If you need further assistance on developing your Chapter Mentoring Program, please feel free to contact me.

George ❖

Student Activities

*Paul E. Petrilli, Region III Vice Chairman
Student Activities ('05 -'08)
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"Since we don't have any ASHRAE Student Branches in our chapter, we really don't have anything we can do to earn Student Activities points."

Too often today, we are focusing most of our efforts on the post high school arena – colleges, universities, and technical schools with HVAC&R programs. We find it easier to work with the students who already have the interest in HVAC&R, whether it's maintaining relationships with existing branches, or forming new branches. Unfortunately, fewer students are choosing careers in engineering, which further squeezes the numbers that enter the HVAC&R field.

At the Student Activities Committee meetings held this past June at the Annual Meeting in Quebec, most of our efforts were spent addressing how we change this trend. Professional and Technical Societies throughout the United States, including ASHRAE have made promoting engineering careers to young people a priority. Studies have indicated that children are losing interest in math and science at about the sixth grade level. Speculation is that there may be a lack of qualified teachers for math and science above this level, as typically, people who are strong in these areas do not go into teaching careers. As a result, many of those who are teaching may be intimidated by the subjects and be less enthusiastic when teaching.

The Student Activities Committee consists of a Chair and Vice Chair, the SAC-RVC's, ABET Accreditation Representatives, and a representative of the Society Board of Directors and a Coordinating Officer. The SAC has been tasked with developing a virtual "cool science" kit that can be accessed on the internet. It will include target grade levels, a materials list, and will walk you through each experiment, including the lessons that are being taught. It is intended to make it easier to do your K-12 visits. We have specifically targeted the sixth grade, however, it is very important that the Chapter SAC Chair and committee members make these visits to supplement the teachers efforts.

See Student Activities Committee, next column

Student Activities Committee, cont'd

For this upcoming year, you will find three PAOE items related to K-12:

- 25 points for each K-12 activity (other than National Engineers Week) that the Chapter members participate in.
- 25 points for each K-12 activity to and for girls.
- 25 points for each National Engineers Week Activity

One other item that may be new to you is the Young Engineers in ASHRAE (YEA). It is important to get the young people in ASHRAE involved and heard. A YEA member is an ASHRAE member 30 years old and under. Members can become YEA members through the ASHRAE website. Two PAOE categories are specific to YEA members:

- 50 points for each YEA member assigned to a committee to provide YEA ideas and participation.
- 25 points for each YEA member that presents a YEA program to a student branch.

This years CRC will be held in Pittsburgh, August 10 -12, 2006. The student activities workshop will be held on Saturday, August 12. I plan to make it much different than any workshop that you have attended in the past. Please come with your ideas and experiences to share with the Region!

Paul ❖

New Members Join Regional Committee

The Regional Committee has new members. Dan Wyrick, joins us for a three year term as Region III Vice Chairman for Research Promotion and Carl Courtney joins us as Regional Historian. None of the above are unfamiliar names to those who have been active in Region III. All of these members have been active volunteers in Society leadership and continue to work to further the goals of Society. Do you ask why these people continue to serve? Why don't you try contributing to ASHRAE by volunteering? Most of us who are active started in a small way. Eighty percent of Society's work is done by volunteer members. Join us in ASHRAE's work.

Chapter Technology Transfer

*Benjamin W. Crowley, Region III Vice Chairman
Chapter Technology Transfer ('05 - '07)*
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Where the rubber meets the road! We are the bridge between the technical side of ASHRAE and the membership. As such our goal is to become an information superhighway – a highway where information travels in both directions.

Chapters Regional Conference (CRC)

The primary intent of this message is to invite the CTTC Chairs and the sub-Committee Chairs responsible for Chapter Programs, TEGA, and Refrigeration to the upcoming Region III Chapters Regional Conference (CRC). For those of you who may not know what CRC is all about, the CRC is an annual conference designed to fulfill two primary purposes.

First, it is a one-day (Friday) business meeting. ASHRAE is a grassroots organization, and CRC is an opportunity for delegates from the Chapters in the Region to come together and report on the state of their chapters, learn about other chapters, nominate regional and society officers for the coming year, and make suggestions about how the Society could be improved.

Second, it is a one-day (Saturday) training session for chapter officers and committee chairs. There are several sessions designed to cover issues related to the structure and state of ASHRAE Society as a whole; on a parallel track there are a series of breakout sessions for the grassroots committees and various other important chapter functions. In a nutshell, it is a one-day introduction to managing an ASHRAE Chapter.

CT² encompasses such a vast array of material, it has evolved into a half-day workshop on Saturday afternoon. Attendance at this session is vital to the success of the Chapter Programs, TEGA, and Refrigeration activities of your Chapter. Attendance is also part of your job description as a Chapter Committee Chair. It is mandatory, and there are PAOE points riding on your attendance at the session (Hopefully, you know about PAOE. If not, we'll talk about it in the near future.).

So first, if you haven't already, commit to attending the CRC Chapter Technology Transfer Committee Workshop on Saturday, August 12, 2006 at the Sheraton Station Square Hotel in Pittsburgh, PA. Contact the Pittsburgh Chapter or register on-line at http://xp20.ashrae.org/regions/reg_iii/reg_iii.htm.

See CTTC next column

CTTC continued

Second, let me know if there is anything in particular that you would like to cover during the workshop. We have a wide range of material to cover and information to disseminate, but if you have any particular questions feel free to contact me ahead of the Workshop and fire away.

In the past, we've spent a fair amount of time discussing program planning. This year I'm going to spend less time on that subject, and more time on resources, PAOE, and the practical side of Refrigeration, Technology Awards, and Government Activities. We'll only be meeting during Saturday afternoon, so come with a clear head and buckle your seat belts

Goal Setting Discussion

Since we are all in the process (hopefully) of finalizing our plans for the year in advance of CRC, let me warn you that I'll be calling each of you to have a discussion about your planning and to establish two or three primary goals you hope to achieve this year. Yes, this is part of the PAOE; and we need to have this conversation in order for you to get your points. I was a poor performer on this aspect of our program last year, and I'm resolved to do it right this year.

Distinguished Lecturer Series

Hopefully, everyone is familiar with the Distinguished Lecturer Program. I'll be talking more about this Program throughout the year, but let me give you a few highlights now. ASHRAE has pulled together a number of speakers who have been recommended as engaging and expert. Their topics relate to issues that are current and relevant. The Program was initially envisioned to be a way to bring more high-powered speakers to struggling Chapters, but it has blossomed into a program that is benefiting the majority of the Chapters in Society each year.

We have seven 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). One of these allocations is targeted for use at the Technical Sessions of the CRC. So if your Chapter is hosting a CRC in the future, plan on using a DL for one of the Tech Sessions. We will revisit and adjust the allocations based on our conversations at CRC.

This is a great program, and it's easy to take advantage of it. And you don't have to have an allocation to use a DL. But, if you don't have an allocation, your Chapter will have to cover any travel costs related to bringing the DL to your meeting. So every Chapter should plan to bring in a DL this year.

See CTTC Page 7

CTTC continued

If I have not received Participation Forms from the seven Chapters with allocations by October 31, the slots will be made available to the other Chapters on a first come, first served basis.

Awards

During Glenn Hourahan's tenure as RVC, there were 10 submissions for Regional Technology Awards. This past year there were only two. Come to the Awards Luncheon on Saturday to find out who won.

In addition, there will be a number of PAOE awards for the CTTC work done by the Chapters over the past year.

Finally

I'm looking forward to a big year for CT² in Region III. We should be nearing the end of our planning phase, and entering the execution phase. We (the Regional Leadership) are here to help you succeed; let us know how best I can help.

Ben❖

REGIONAL REFRIGERATION ACTIVITIES

Jimmy Carver, Region III Refrigeration Chairman
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Region III Chapter's Regional conference is just a few weeks away. The summer has rolled in the heat and for many of us this is a busy season. We would like to thank all of you for your hard work to promote ASHRAE, especially refrigeration

As the year came to a close, we requested that each chapter report any refrigeration activity that took place to the Regional Chair of Refrigeration. By reading chapter newsletters, ASHRAE Insights and by checking chapter WEB sites, Region III is still strong in refrigeration. Many of you will be saying "Hey, what about our chapter, we had refrigeration activity?" We would like to have published this activity, but some of the chapters simply did not report their work to the RC of Refrigeration. This is a shame, because this activity and the people, who made it happen, will not get the proper recognition they deserve.

Please mark your calendar for August 10-12, and please send your chapter refrigeration chair to the CRC. Why?

See CTTC next column
Refrigeration continued

To better equip them to promote ASHRAE and especially refrigeration in your chapter. Does your chapter really promote the R in ASHRAE? If not, a vital part of our Society is not being promoted. Region III is committed to promoting refrigeration, which is something to be proud of.

At the CRC this year, the ICEMAN award will be presented to a chapter refrigeration chair for the work of promoting refrigeration in Region III. This award is being presented not only for the refrigeration activity but also for timely reporting of this activity throughout the year.

We did not have a submittal this year for the Milton Garland Refrigeration Award in Region III. The next season will soon be upon us. Development of refrigeration technology and projects showcasing this technology should be a goal for Region III for years to come. We are home of some of the best engineers in Society.

It has been my pleasure to serve Region III of ASHRAE. All of us share the rewards of the volunteers who continually sacrifice their time and efforts to make ASHRAE the prime source for information. Thank You for your support, see you at the CRC in Roanoke Virginia.

Send your comments to Jimmy Carver, Regional Chair of Refrigeration via e-mail at carverj@colonialwebb.com. Or by phone at 757-962-9941

JIMMY ❖

We encourage you to distribute the Regionaire to your local chapter members, so that all may learn of our regional activities.

Have you made your Annual Contribution to ASHRAE Research