

THERMOGRAM BALTIMORE CHAPTER



Volume XLVI Issue 4

December 2011

www.ashrae-balto.org

Friday December 2nd 2011 ASHRAE BALTIMORE CHRISTMAS PARTY!!!

Come join us for the 62nd annual ASHRAE Baltimore Christmas party!!!

WHEN: Friday December 2, 2011; 5:00 PM -10:00PM

WHERE: Timonium Fairgrounds 4H Building

If you're interested in attending the ASHRAE Christmas party contact John Prusak at Christmas@ashrae-balto.org (410.527.2612)

Tickets are \$50 and include dinner and beer for the evening.



ASHRAE

Advancing HVAC&R to serve humanity
and promote a sustainable world



The December meeting will take place at the Maryland State Fairgrounds in Timonium in the 4H Building. 2200 York Road Timonium, MD 21093



2011 Chapter Leadership Roster

Officers

President P:410-254-5800	Cory Colassard F:410-254-7091	Spears Votta and Associates president@ashrae-balto.org
President –Elect P:410-792-4230	Rich Goins F:301-490-7156	Cummins-Wagner vp@ashrae-balto.org
Treasurer P:410-579-8100	Mike Lamdin F:410-540-9041	Leach Wallace Associates treasurer@ashrae-balto.org
Secretary P:410-645-1552	Dave Lawson F:410-645-1616	Siemens Bldg Technologies secretary@ashrae-balto.org
Board Member P:410-265-6100	Adam Fauver F:410-298-9820	James Posey Associates, Inc. asstsecretary@ashrae-balto.org
Board Member P:410-356-3108	Dave Reese F:410-356-3109	Tourgee and Associates gov2@ashrae-balto.org
Board Member P:410-296-6500	Steve Trageser F:410-296-6501	Henry Adams senioradvisor@ashrae-balt.org
Past-President P:410-403-2200	Jason Kaduk F:410-403-2225	The Trane Company pastpresident@ashrae-balto.org

Committee Chairs

Attendance/Recpt. P:443-561-1658	James Cote F:443-561-1604	Chesapeake Systems reservations@ashrae-balto.org
Chapter Programs P:410-792-4230	Rich Goins F:301-490-7156	Cummins-Wagner vp@ashrae-balto.org
Historian P:443-478-6008	Max Singer F:410-527-2730	Johnson Controls, Inc. historian@ashrae-balto.org
Membership P:410-880-0850	Brad Watkins F:301-490-7156	Cummins-Wagner Co. membership@ashrae-balto.org
Refrigeration P:410-403-2200	Jon Olmstead F:410-403-2225	The Trane Company refrigeration@ashrae-balto.org
Research Promotion P:410-254-5800	Alexander Clark F:410-254-7091	Spears/Votta & Assoc. Inc research@ashrae-balto.org
Scholarship P:410-527-2634	John Baker F:410-472-4928	Johnson Controls, Inc. scholarship@ashrae-balto.org
Student Activities P:410-579-8100	Craig Parks F: 410-540-9041	Leach Wallace Associates studentacts@ashrae-balto.org
Student Chapters P:410-579-8100	Matt Brewster F:410-540-9041	Leach Wallace Associates studentchaps@ashrae-balto.org
TAAEE P:410-265-6100	Adam Sontag F:410-298-9820	James Posey Associates, Inc. taaee@ashrae-balto.org
Thermogram P:410-316-2463	Pat Harrilal F:410-472-0958	Johnson, Mirmiran & Thompston newsletter@ashrae-balto.org
Web Technician P:410-579-8100	Dave Brackett F:410-540-9041	Leach Wallace Associates ashtech@ashrae-balto.org
Christmas Party P:410-527-2612	John Prusak F:410-472-4928	Johnson Controls, Inc. Christmas@ashrae-balto.org
Spring Event P:443-977-9741	Sherry Abbott-Adkins F:410-374-5471	A Squared Plus Engineering Support Group, LLC springevent@ashrae-balto.org
Golf Outing P:443-561-1600	R L Gladden F:443-561-1601	Chesapeake Systems golf@ashrae-balto.org
Engineers Week P:410-646-5747	Craig Parks F:410-540-9041	Leach Wallace Associates engweek@ashrae-balto.org
YEA P:410-880-0850	Brad Watkins F:301-490-7156	Cummins-Wagner Co. yeac@ashrae-balto.org
CRC P:443-561-1600	Tyler Lee F:443-561-1601	Chesapeake Systems crc@ashrae-balto.org
Chapter Tech Xfer P:410-792-4230	Richard Goins F:301-490-7156	Cummins-Wagner cttc@ashrae-balto.org

In alignment with the “Green Trends” of ASHRAE we have eliminated the paper copies of the Membership Roster. An electronic copy will be available at meetings, upon request.



President's Pen



The November meeting was well attended and those present learned about the history and future of economizer operation and control. Thanks to Ms. Adrienne Tholme of Honeywell for doing a very nice job in presenting the advancements in technology and the control options that are available.

The next Chapter meeting is January 5, 2012 at the Engineering Society of Baltimore and the topics will be:

Technical Seminar: Anchoring Systems

Main Meeting: Future Trends in Buildings

Make sure to mark your calendar now to attend and improve your knowledge with respect to all aspects of design and construction as well as understand how the future will impact your approach to your career.

The 1st Annual Rockfish Fishing Tournament will have occurred by the time this issue of the Thermogram is issued. Any profits raised from this event will be donated to Research Promotion. The results will be presented in the January Thermogram. Congratulations to Alex Clark and his committee for putting this event together and let's hope that this inaugural event is a success so this event can continue.

The next event for the Baltimore Chapter is the Annual Christmas Party on December 2, 2011. This year marks the 62nd year of the very successful event that allows the Baltimore Chapter to provide over \$15,000.00 annually in high school and college scholarships to very deserving and qualified applicants. Make sure that you assist the interns in your office in completing and submitting an application. If you have any questions contact John Baker at scholarship@ashrae-balto.org There are still some tickets available so if you need tickets make sure you get yours; information is contained in this issue of the Thermogram.

The Annual Christmas Party also enables the Baltimore Chapter to reach the Research Promotion goal set by National every year. The Chapter donates approximately 50% of the goal annually. The Baltimore Chapter goal is \$31,300.00 this year and the members currently have donated \$3,060.00. Let's see if we all can personally donate a little more to Research Promotion this year so that the Chapter can provide more for scholarships. If you would like to donate, visit the National ASHRAE website at ashrae.org or contact Alex Clark at research@ashrae-balto.org When you donate, make sure that you identify your affiliation with the Baltimore Chapter so that that Chapter gets credit against the goal set by National.

The Young Engineers in ASHRAE will be holding events on February 16, 2012 and May 17, 2012. These events are for those under 35 years of age; however, all members are welcome to attend and meet the new and younger members and make them feel welcome. There will be a raffle for tickets to the April 20, 2012 Spring Event for those 35 and under. Additional information concerning the events will be included in upcoming issues of the Thermogram. If you would like to participate contact Brad Watkins at yeac@ashrae-balto.org

The Baltimore Chapter will be hosting the Region III Chapters Regional Conference (CRC) in August 2012. This event is an annual event that is rotated between the twelve chapters in our Region. It is our chance to show how involved the members of our Chapter are and to show that we are the best Chapter in the Region. While it may seem like it is a long way in the future, planning the CRC is a major undertaking. Please contact Tyler Lee crce@ashrae-balto.org or any CRC committee member to sponsor the event or see how you can become involved or assist in the planning process. There is a flyer with sponsorship information in this issue of the Thermogram. Let's all work to make the Baltimore CRC the standard for all future CRCs.

There are also announcements for the following included in this edition of the Thermogram, including:

62nd ANNUAL CHRISTMAS PARTY (Chairman-John Prusak Christmas@ashrae-balto.org)

What more needs to be said?

Tickets are on sale now.

\$50.00/ticket

DATE IS DECEMBER 2, 2011

COLLEGE SCHOLARSHIP APPLICATION INFORMATION (Chairman-John Baker scholarship@ashrae-balto.org)

The Baltimore Chapter awards multiple scholarships to college students annually.

The process is simple and painless.

APPLICATION DEADLINE IS DECEMBER 31, 2011



President's Pen

TA/AEE (FORMERLY TEGA) SUBMISSION INFORMATION (Chairman-Adam Sontag taee@ashrae-balto.org)

This is your opportunity to get recognized for innovative, energy saving projects.
The Baltimore Chapter did not submit a single application last year-WE CAN DO BETTER!!
APPLICATION DEADLINE IS MARCH 12, 2011

SPRING EVENT (Chairman- Sherry Abbott-Adkins specialevents@ashrae-balto.org)

Casino Royale Night
Change of venue-Baltimore Museum of Industry
DATE IS APRIL 20, 2011

2012 CHAPTERS REGIONAL CONFERENCE (CRC) (Chairman- Tyler Lee crc@ashrae-balto.org)

Baltimore Chapter is Host
August 10-11, 2012
Let's all support this CRC and make it the best ever!!

Contact information, reservation forms, applications, etc are all included in this edition of the Thermogram. Contact the appropriate committee chair or contact person or print and complete the forms to participate. Increased participation in the Chapter meetings, and events as well as the various opportunities is a goal of the Board this year. The information will be provided but you have to take it from there. Let's all do our part to continue the great success of our Baltimore Chapter.

The Chapter Leadership Roster is part of each Thermogram. Feel free to contact anyone with comments, questions or concerns. Also, if you are interested in volunteering and providing your support at any level contact any Board member or the Committee chair of your interest. You can also contact us through the Chapter website at www.ashrae-balto.org

Thanks for your support of the Baltimore Chapter! Have a Happy Thanksgiving and Christmas. Enjoy the Christmas party and be safe.



ASHRAE 2011-2012

Meeting Schedule

Please mark you calendar with the following dates for the 2011 through 2012 Baltimore Chapter meetings. A complete schedule indicating seminar, technical session and main meeting topics will be published in the coming month's Thermogram and is also available on the chapter website www.ashrae-balto.org.

August 12 & 13	Chapter Regional Conference	Scranton, PA
September 8, 2011	2nd Annual Product Show	ESB
October 6, 2011	Main Meeting: Energy Audits Tech Session: Understanding the Audit Process	ESB
November 3, 2011	Main Meeting: Evolution of Economizer Controls Tech Session: The History of Airside Economizers	ESB
December 2, 2011	Christmas Party	Timonium Fairgrounds
January 5, 2012	Main Meeting: Future Trends in Buildings DL Tech Session: Anchoring Systems	ESB
February 2, 2012	Tour: Refrigeration Systems- Phillips Seafood	Off- Site
March 1, 2012	Main Meeting: Energy efficiency in pumping systems Tech Session: TBA	ESB
April 5, 2012	Main Meeting: Legal pitfalls in Sustainable Designs Tech Session: TBA	ESB
May 3, 2012	Main Meeting: HCFC-22 Phase out and the Next Generation Refrigerants Tech Session: Lessons Learned	ESB
June 8, 2012	55th Annual Golf Outing	Turf Valley CC

Main: Main meeting 6 pm social hour, 7pm dinner & meeting (\$25 Dinner Fee for Full Members, \$10 Dinner Fee For Students)





Attention College Students

Are you currently an engineering student planning a career in the Baltimore Area? Let ASHRAE Baltimore help you with your education!

The Scholarship Committee is accepting applications for the 2011-2012 school year. Applications will be accepted until December 31, 2011, for award during the first quarter of 2012.

Last year, the Baltimore Chapter awarded twelve scholarships ranging from \$250 to \$2,000 to students working towards careers in ASHRAE related fields in the Baltimore Area. It's 2011, and once again, we're looking for the best and brightest students to apply.

For information please contact John Baker at 410-527-2634 or via email at john.j.baker@jci.com.

62nd Annual ASHARE Christmas Party

Date: Friday December 2, 2011

Time: 5:00pm to 10:00 pm

Price: \$50.00, Table of 10 - \$500.00

Location: Timonium Fair Grounds – 4H Building

Raw Oysters – Beef on The Rod – Beer

For tickets contact: John Prusak (john.prusak@jci.com) or Cory Colassard (ccolasard@sv-a.com)

ASHRAE Society Technology Awards

The deadline for submission for the ASHRAE Chapter/Regional Technology Award applications is March 12 2012.

In the past the Baltimore Chapter has had a number of firms submit applications for some of their projects. Those firm received mention at the regional level and several went on to the National level.

The Board of Governors of the Baltimore Chapter would like encourage as many firms a possible to consider submitting application this year.

We have included a copy of the short application form and would encourage you to contact Adam Sontag of James Posey & Associates for more details.

**ASHRAE****CHAPTER/REGIONAL TECHNOLOGY AWARD APPLICATION SHORT FORM****(Revised June 2011)****INTRODUCTION:**

*This Short Form has been developed to stimulate more participation in chapter and regional competition. **This form is not intended to replace the full Society Technology Award Application form.** Regional winners using the short form will be required to complete the full Technology Award Application form before their applications can be forwarded for Society Competition. (This form does not require extensive narrative, plans or photographs.)*

INSTRUCTIONS:

- A. The individual submitting the Technology Award Application must be a current member of ASHRAE who had a significant role in the design or development of the project.
- B. Complete the "Short Form" and use it as the cover page.
- C. Provide a system schematic/diagram not larger than 11" x 17" in size. In addition, attach a brief narrative (maximum of 2 pages). The narrative should include the gross and net building areas applicable to the project, a description of the major building areas (i.e., operating rooms, laboratories, computer rooms, industrial processes, offices, warehouses) and a brief discussion regarding the following five criteria (if a criterion is not applicable, state accordingly):
 - Energy Efficiency
 - Indoor Air Quality
 - Innovation
 - Operation & Maintenance
 - Cost Effectiveness
 - Environmental Impact
- D. Submit your schematic, brief narrative, and completed form to your Chapter Technology Committee Chapter (CTTC) Chair for judging at the chapter level in accordance with their instructions.
- E. The ASHRAE Technology Award program is intended for built projects. First place winning projects should be eligible for submission to the Society level competition on September 1st of the following Society calendar year. Therefore, a project submitted to a Chapter or Regional competition shall be occupied prior to September 1st of the current Society year in order satisfy the proceeding Society level competition requirement of one full year of occupancy.

First place winners in each category from chapter competition will be submitted by the CTTC Chapter Chair to the CTTC Regional Vice Chair for judging in the Regional Technology Awards competition. At the discretion of the CTTC Regional Vice Chair, this may require completion of the full Society Technology Award Application form if the chapter submission was done on the Short Form Application.

The CTTC Regional Vice Chair will invite first place winners in each category from regional competition to submit them for judging in the Society level Technology Awards competition. The regional winners will be given the opportunity to incorporate new information or otherwise improve their submittal before submitting it to the society level competition (e.g., by addressing comments from regional judges). At the discretion of the judging panels at the chapter and regional competitions, more than one first place winner may be awarded in each category.

For the regional competition, submit the number of copies requested by the Regional CTTC Vice Chair. The CTTC Regional Vice Chair may require entries into the regional competition to be done on the full Society Technology Award Application form. In any case, all submissions to the Society level competition must be done on the full Society Technology Award Application form.

- F. It is highly recommended that each entrant confirm by letter (and retain a copy for record) to the owner that the owner has granted permission to submit this project to competition.

NOTE: ASHRAE Technology Awards are the HVAC&R industry's most prestigious honor for efficient energy use in buildings and environmental system performance. While the awards do not certify responsible charge or professional license status, they do recognize outstanding design innovation and successful implementation.



CASINO ROYALE NIGHT



Friday, April 20, 2012

7:30 pm—11:30 pm

Baltimore Museum of Industry

Business Casual Attire

Free Parking, Food, Drinks, Gaming, Entertainment,
Door Prizes, Giveaways

7:30 pm -9:30 pm

Visit the Galleries

(No Food or Drinks in Galleries)

7:30 pm -11:00 pm

Dinner and Dessert

8:00 pm -11:00 pm

Casino

Opportunity to win
2 free tickets to
Casino Royale Night at
YEA Meetings



TICKETS \$150 EACH

Includes parking, food, drinks, start-up gaming chips

Transportation Gallery Sponsor	\$2,500
<i>(Includes 4 tickets to event; advertisement; recognition in program; signage at event)</i>	
Machine Shop/Oyster Cannery Gallery Sponsor	\$2,000
<i>(Includes 4 tickets to event; advertisement; recognition in program; signage at event)</i>	
Print Gallery Sponsor	\$2,000
<i>(Includes 4 tickets to event; advertisement; recognition in program; signage at event)</i>	
Garment Loft Gallery Sponsor	\$2,000
<i>(Includes 4 tickets to event; advertisement; recognition in program; signage at event)</i>	
Premium Bar Sponsor	\$1,500
<i>(Includes 2 tickets to event; advertisement; recognition in program; signage at event.)</i>	
Craps Table Sponsor	\$1,500
<i>(Includes 2 tickets to event; advertisement; recognition in program; signage at event.)</i>	
Roulette Table Sponsor	\$1,200
<i>(Includes 1 ticket to event; advertisement; recognition in program; signage at event.)</i>	
Texas Hold Em Table Sponsor (2 Available)	\$1,200
<i>(Includes 1 ticket to event; advertisement; recognition in program; signage at event.)</i>	
Let It Ride Table Sponsor	\$1,000
<i>(Includes 1 ticket to event; advertisement; recognition in program; signage at event.)</i>	
Blackjack Table Sponsor (3 Available, 1 table has been sponsored)	\$1,000
<i>(Includes 1 ticket to event; advertisement; recognition in program; signage at event.)</i>	
DJ Sponsor	\$1,000
<i>(Includes 1 ticket to event; advertisement; recognition in program; signage at event.)</i>	
50/50 Raffle Sponsor	\$1,000
<i>(Includes 1 ticket to event; advertisement; recognition in program; signage at event.)</i>	
Ticket Sponsor	Sponsored
<i>(Includes 1 ticket to event; advertisement on tickets.)</i>	
Program Sponsor	\$800
<i>(Includes 1 ticket to event; full page advertisement in program.)</i>	
Attendee Gift Sponsor	Sponsored
<i>(Includes 1 ticket to event; advertisement on gift; recognition in program.)</i>	
Door Prize Sponsor	\$650
<i>(Includes 1 ticket to event; advertisement; recognition in program.)</i>	

Ticket and Sponsor Sales

Contact: Sherry Abbott-Adkins, Phone: 443-977-9741

Email: sadkins@a2esg.com



**BALTIMORE CHAPTER
IS HOSTING THE CHAPTER REGIONAL CONFERENCE (CRC)
ON AUGUST 10-11, 2012**

There are 13 local ASHRAE chapters in our region covering Pennsylvania, Delaware, Maryland and Virginia; each year the CRC rotates from chapter to chapter.

**HELP MAKE THE CRC A SUCCESSFUL EVENT
AND BECOME A SPONSOR.**

Ravens Sponsor.....	\$1,500
<i>(Includes 4 tickets to the Welcome Party; Recognition Board; Recognition on CRC printed materials at the CRC)</i>	
Orioles Sponsor.....	\$1,000
<i>(Includes 2 tickets to the Welcome Party; Recognition Board; Recognition on CRC printed materials at the CRC)</i>	
Terrapins Sponsor	\$500
<i>(Includes Recognition Board; recognition on CRC printed materials at the CRC)</i>	
Retriever Sponsor	\$250
<i>(Includes Recognition Board; recognition on CRC printed materials at the CRC)</i>	
Blue Crab Sponsor	\$100
<i>(Includes recognition on CRC printed materials at the CRC)</i>	

Sponsor Sales

Contact: Sherry Abbott-Adkins, Phone: 443-977-9741

Email: sadkins@a2esg.com



**ASHRAE Baltimore Chapter
GOLF OUTING & BANQUET**

Friday, June 1, 2012

**TURF VALLEY COUNTRY CLUB
ELLCOTT CITY, MARYLAND**

\$135/PERSON

\$150 FOR HOLE SPONSOR

**\$650 FOR FOURSOME
(including hole sponsor)**



10:00 AM	SHOTGUN START
10:00 AM—5:00 PM	CASH BAR & LUNCH AVAILABLE
5:00 PM—4:00 PM	RECEPTION
4:00 PM—6:00 PM	DINNER
5:00 PM	AWARDS & PRIZES

Golf & Dinner Reservations:

R.L. GLADDEN
CHESAPEAKE SYSTEMS
TEL: 443.561.1600
GOLF@ASHRAE-BALTO.ORG

MAKE CHECKS PAYABLE TO *ASHRAE Baltimore Chapter* NO TICKETS WILL BE ISSUED.

COMPANY: _____

CONTACT: _____

PHONE: _____ EMAIL ADDRESS: _____

NAMES OF FOURSOME: _____

(PLEASE INCLUDE
EMAIL ADDRESS AND PHONE) _____

NO. OF PLAYERS _____ @ \$135/EA

HOLE SPONSOR: YES _____ @ \$150/EA

TOTAL FOR PLAYERS: _____

TOTAL FOR HOLE SPONSOR: _____

TOTAL AMOUNT OF CHECK: _____

PLEASE NOTE THAT ALL CORPORATE LOGOS FOR HOLE SPONSORSHIPS MUST BE SUBMITTED
ELECTRONICALLY

EMAIL R.L. GLADDEN AT GOLF@ASHRAE-BALTO.ORG OR FAX TO R.L.'S ATTENTION: 443-561-1601



THANKS TO OUR 2010-2011 RP DONORS FOR THEIR SUPPORT!!!!

The 2011-2012 Research Promotion Campaign is in full swing and runs from July 1, 2011 to June 29, 2012.

Ways to contribute:

Online at WWW.ASHRAE.ORG. On the right side go to Quick Links, click on online contribution. Fill in all the required information. Please remember to put **BALTIMORE CHAPTER** in the Assigned Ashrae Chapter area so **your chapter** can receive credit.

OR

Make your checks out to **ASHRAE RESEARCH FUND**. Please remember to add **BALTIMORE CHAPTER** to the memo line. Send to 1791 Tullie Circle NE, Atlanta Georgia 30329-2305.

OR

Contact me. Phone: 410-254-5800

Email: research@ashrae-balto.org

Baltimore Chapter Research Promotion Campaign night is scheduled for April 5th. We will be accepting donations.

Anyone interested in becoming part of the Research Committee, contact Alex Clark (410-254-5800) or Sherry Abbott-Adkins (443-977-9741)

Sincerely your Research Promotion Chair,

Alex Clark



ASHRAE Research Donors '11-'12

\$1,000

Tithe Corp. – Skil-Aire Div.



\$500 TO \$999

Baumgartner Inc.

\$31,300

\$250 TO \$499

Gipe Associates, Inc.

\$100 TO \$249

Rich Goins

Cory Colassard

Michael Lamdin

Alex Clark

Michael Sichel

Charlie Henck

Dave Lawson

David Reese

State Mechanical Contractors, Inc.

John Schenck

\$3,060

\$0

\$10 TO \$99

Theresa Schroeder

Michael Dean

Steven Emmerich

Lauren Baker

Laurence Claggett, Jr.





2011-12 MONTHLY PLEDGE REPLY FORM

Response Requested by 12/01/2011

ATTENTION: Candace DeVaughn
CDevaughn@ashrae.org
404-636-8400 x1147
678-539-2147 (fax)

SUBJECT: Monthly RP Donation

For about 30¢ a day, you can become an Honor Roll Level RP donor!

I authorize ASHRAE RP to charge my credit card through June, 2012:

- Monthly \$_____ per month
- Bi-Monthly \$_____ per month

This should be credited as a(n):

- Individual Donation
- Company Donation

FROM: Name _____

Member/ Donor Number _____

Company _____

Address _____

City/State/Zip _____

Phone _____

Email _____

Credit Card # _____ Exp. Date _____

____ American Express ____ MasterCard ____ Visa

Signature _____

HONOR ROLL INVESTOR CATEGORIES

- \$1,000 - \$2,499: Major Investor
- \$500 - \$999: Major Donor
- \$250 - \$499: Honor Roll Investor
- \$100 - \$249: Honor Roll Donor

ASHRAE, Inc. is a qualified 501(c)(3) organization.
100% of every dollar contributed is invested in HVAC&R research.



Scholarship Application

The Baltimore Chapter of the American Society of Heating, Refrigeration and Air Conditioning Engineers offers scholarships each year to students pursuing their Bachelor’s Degree in an ASHRAE related field. Eligibility is determined in order of importance based on the following criteria:

- ASHRAE field of training.
- Accredited course in recognized college (or program pre-approved by ASHRAE Board)
- Matriculating for a degree in an ASHRAE related engineering field
- Residing in, or moving to the Baltimore Chapter assigned area (Permanent resident)
- Working in the Heating, Ventilating, Air Conditioning, and Refrigeration (HVACR) field.
- Son or daughter of a Baltimore chapter member, living or deceased.*
- High Scholastic standing or average from previous year.
- Financial need.
- A veteran with an Honorable Discharge or member of United States Armed Services.

*Note: If you are acquainted with an existing Baltimore Chapter Member, please note this as well.

Applications are reviewed by the Baltimore Chapter of ASHRAE Scholarship Committee anonymously. Scholarship funds are made available to students directly during the first quarter of the calendar year.

Instructions:

Please return completed application and a **current transcript** by December 31, 2011 to:

ASHRAE Scholarship Committee
 c/o John J. Baker
 Johnson Controls, Inc.
 60 Loveton Circle
 Sparks, MD 21152
 Email: john.j.baker@jci.com
 Fax: 410-527-2730

Name: _____

Permanent Mailing Address: _____

Phone #: _____ Email: _____



What is your major? _____

Are you Matriculated in a 4 year (Bachelor's) Degree Program at an accredited institution? _____. School: _____

What is your cumulative GPA in all courses taken through the end of the Spring, 2011 semester? _____.

What is your GPA in all engineering courses taken through the end of Spring, 2011 semester? _____.

List the courses that you are taking this semester (Fall 2011) and the instructors:

Course #	Course Title	Instructor
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Are you related to an ASHRAE Baltimore Chapter member (Living or deceased)?
_____ Yes _____ No (Please DO NOT name chapter member at this time).

Are you a veteran (with an Honorable Discharge) or currently serving in the United States Armed Services?
_____ Yes _____ No

Are you a member of any professional societies or clubs (either regional chapter or student chapter)? If so, list them below. Include offices held, committees on which you have served, activities in which you participated, etc. (Attach additional sheets if needed.)



ASHRAE Region III

"REGIONAIRE"

Volume 8, Issue 1

November 2011

From the DRC

*Kevin W. Fallin, , Region III Director and
Regional Chairman ('09-'12))*
(703) 267-9537; kwf@fallin.com

At the end of the summer, we continued our training and support of our chapter volunteers at the Chapter's Regional Conference in August at the Lackawanna Station Marriot in Scranton, PA. The event was hosted by the Anthracite Chapter, and was a huge success. A special thanks to Walt Janus and Eric Zanolini who served as Co-Chairs for the event, and their entire committee for the excellent work that was done in support of this conference. We hope you enjoyed the program and were able to visit some of the local attractions. Next Year, Tyler Lee will Chair the CRC to be hosted by the Baltimore Chapter on August 12-13, 2012 at the Peabody Court Hotel with meetings/events at the Engineer's Society Building in Baltimore, MD. Please note that after trying a compressed meeting schedule in Scranton, several changes will be made for Baltimore in order to improve the timing and quality of programs. The revised schedule has been posted on the Regional Website. Mark your calendars and stay tuned to the Region III website for more information and registration links.

I am pleased to announce the Region III was one of the first regions to achieve Regional Full Circle. Your Regional Officers are committed to supporting the great work done by ASHRAE Research, and we hope that you will show your support as well.

Congratulations to the University of Maryland for winning the 2011 Solar Decathlon with their WaterShed House. The Solar Decathlon is held every two (2) years, and was held on the National Mall at West Potomac Park in Washington, D.C. at the end of September. Twenty teams from around the world competed in this years' competition.

If you were unable to attend, and are interested to know how they did it, additional information can be found at http://www.solardecathlon.org/team_maryland.html#noeq

Please join us in Chicago for our Regional Dinner to be held at the Rock Bottom Brewery on Monday January 23rd at 6:30p.m. We hope you can join us for a night of fellowship and good food. Additional information and reservation form are available on the Region III website.

Planning is now underway for the President Elect training to be held in Baltimore, Maryland on April 28, 2012. Please mark your calendars, and stay tuned to the Region III website for additional information and schedule.

Kevin ☺

Region III Chapters Regional Conference (CRC) Schedule

- 2012** Baltimore Chapter
August 10–11, 2012
- 2013** Lehigh Valley Chapter
August 16–17, 2013
- 2014** Richmond Chapter
TBD
- 2015** Johnstown Chapter
TBD

2012 ASHRAE Winter Conference January 21-25, 2012 Palmer House Hilton Chicago



Conference Home

Palmer House
Hilton
150 N Dearborn
Chicago, IL 60610
Tel: 312.427.1234
www.palmerhousehilton.com

Events

Chicago, IL
Jan 21-25
President Elect Training
Conference Report
Regional Dinner
Tel: 312.427.1234
www.palmerhousehilton.com

Education

ASHRAE Research
ASHRAE Research

Programs

ASHRAE Research
ASHRAE Research
ASHRAE Research
ASHRAE Research

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Regional Historian

Rennie Tisdale

Regional Historian 2010-2013

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At the CRC in Scranton in August, there were 7 of the 12 chapters represented at the historian's workshop. Six chapters had historical displays – Baltimore, Central PA, Hampton Roads, National Capital, Richmond and Roanoke. For those who did not attend, I can email you the power point presentation if you are interested.

Now is the time to set your goals and determine how to reach 200 points for par in historical PAOE for the year. Plan a historical program for a meeting. Plan a leadership recall for a past president in your chapter to add to your chapter history. Ensure your chapter history is up to date, is properly indexed and is digitized. If you don't have a plan, it won't happen. Be sure to enter your PAOE points on the society webpage as you earn them.

To get a copy of the PAOE historical criteria, go to the ASHRAE website and download a copy. Use the shortcut and select PAOE. The point requirements are in Ron Jarnigan's newsletter located on the PAOE page. You can also download a copy of the Historian's Guide if you don't have one. Under the tab Membership, select Committees. Scroll down and select the Historical Committee to find the guide. There is a lot of useful information in this guide.

I would also encourage all chapter historians to seriously consider participating in the Gold Ribbon Award program this year. A three year update for the history of the chapter will satisfy the requirement for the award. The history of a person, a system or a company are also eligible for consideration and could also qualify you for society's Lou Flagg Historical Award.

Please contact me if I can be of any help.

Rennie ☺

**WE ENCOURAGE YOU TO DISTRIBUTE
THE REGIONAIRE TO YOUR LOCAL
CHAPTER MEMBERS, SO THAT ALL
MAY LEARN OF OUR REGIONAL
ACTIVITIES.**

Research Promotion

Jim Grant, Region III Vice Chairman

Research Promotion ('09 - '12)

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After only 2 months into our campaign, our region is already 11% above where we were last year; thank you! And there seems to be a lot of emphasis this year dedicated to RP throughout all of the chapters.

Thanks to all of the RP chairs who attended Regional Training in Chicago. Like previous years, many responded with positive remarks and left with the tools to have a very successful year.

Regional Goal

The goal for the region this year is \$200,000.00.

The October 2011 spreadsheet has been uploaded to the RP website (www.ashraerp.com). Both Roanoke and Hampton Roads have jumped out of the gate early and are very close to achieving 50% of their goal before Jan. 1st!

Congratulations to the Johnstown Chapter who just concluded a very successful fall RP fundraiser. The chapter left their golf clubs in the garage in exchange for skeet shooting. The event was well attended and other chapters are looking at this event as another way to bring in RP dollars and welcome those members that don't golf. Word on the street is that Baltimore is planning a fishing tournament this year! If your Chapter is contemplating any new events, please contact myself or other RP chairs. We all would be glad to assist.

Thanks also to the Philadelphia, Baltimore and Roanoke Chapters for achieving Full Circle already! Way ahead of the 11/15 deadline.

The hottest topic that came out of RP training this year was **Endowing ASHRAE Research through ASHRAE Foundation**. This is a great way for you to support research into perpetuity. Here is the basic information:

Minimum of \$2,500 to start new restricted research fund

Can be added to every year, at any amount

Full amount counts toward your RP Goal

5% interest earned and invested, in your name every year starting with Year 2 ... forever

This is a great way to honor past presidents of chapters or members who have contributed a lot towards a chapter.

Region III has always been very successful when it comes to the RP campaign and it is largely due to the efforts of everyone within the chapters.

Again, thank you for your continued commitment to ASHRAE!

Jim ☺



Chapter Technology Transfer

Mark Tome, Region III Vice Chairman Chapter Technology Transfer Committee ('10 - '13)

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Thank-you to those who attended the CTTC workshop at the CRC in Scranton. Judging by the review forms it appears that those who attended were able to take some information away, and also express what was needed in future workshops. Also thank-you to those who have been communicating with me through goal setting sessions and sending speaker evaluation. Both are relatively easy tasks and can yield PAOE points.

I am missing some chapter chairs in the RIII CTTC google groups membership. Please e-mail me and I will send you an invitation.

Distinguished Lecturers

Region III has five DL allocations remaining. If these allocations are not used by November 30th, they will be forfeited and other regions will have a first come first serve chance at using them. I am very pleased with the coordination that is being done between chapters when scheduling DL's for multi-chapter visits. Many non-allocated visits have been scheduled by Region III chapters and I applaud that as well.

Technology Awards

It is not too early to set an entry deadline for your chapter's technology award competition. The Region III entry deadline is May 15. Set your chapter deadline to provide ample time for judging and post judging revision to meet the Region deadline. After participating in the judging panel for the society awards, I have a few pointers for entries wishing to continue to the society level competition:

- Clearly state why the designer/team believes the project was innovative.
- Double check the entry to make sure the requirements have been followed. (specifically, make sure text is double spaced and limited to 10 pages)
- Remove all commercialism
- If the actual energy consumption is significantly different than calculated, please comment on the difference.

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Webcast

The annual CTTC webcast will be broadcast on April 19th. The topic is Dedicated Outdoor Air Systems and Dr. Stanley Mumma of Region III will one of the three panelists. I encourage each chapter to host a viewing location. Each chapter event is an opportunity to recruit the next generation of ASHRAE leaders and gain input from chapter members. There is no harm in getting sponsors for the event to cover the costs.

In closing, I must remind you keep planning in advance, delegate to your committee, and communicate with your members and region.

Mark ☺

Student Activities

Jennifer Leach, Region III Vice Chairman Student Activities ('11 - '14)

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We're off to a good start in the Region with six of the twelve Chapters attending the CRC in Scranton. This year's PAOE places a particular focus on K-12 activities with double points for middle school activities. Studies have shown that children who become interested in science and technology in grades 6-8 go on to study in these areas during college. Please encourage all of your members to talk to young people about careers in science and technology. For ideas on what kind of activities to present to K-12 students check out the Student Zone on the ASHRAE website at <http://www.ashrae.org/studentzone/k-12-activities>

Congratulations to Chris Albright of the Johnstown Chapter for being the first chair to achieve PAR in Student Activities. Ashley Lester of the Philadelphia Chapter is hot on Chris' heels and it looks like a battle between these two chapters for regional student activities award.

At this time every chapter should be preparing for Engineer's Week that will take place during February 19-25th. This is a good opportunity to partner with other engineering organizations to reach large groups of kids. As always, refer to <http://eweek.org> for ideas and materials.

Jennifer ☺



