

INSIDE THIS ISSUE

RP Award.....	2
PAOE .....	2
Members Council .....	2
Membership Promotion .....	3
About PAOE .....	3
HFCs.....	3
CRC.....	3
Chapter Updates .....	4
YEA.....	5
Student Activities .....	5
Upcoming Events.....	6

SPECIAL POINTS OF INTEREST

Triangle's 5K Run, Jog, Walk at Wake Med Soccer Park—See attached flyer



## Arthur Mason Suggs Money Bags Award

Arthur Mason Suggs was born in the small town of Spencer, North Carolina and raised in Clover, South Carolina where he was educated in the public school system. His education was delayed by service in the Army Air Corps in World War II where part of Art's time was spent at Shaw Air Force Base in Sumter, South Carolina after the war was over; Art attended Clemson College where he received a Bachelor of Science in Mechanical Engineering. The Trane Company office in Greenville provided the first taste of employment and later he left to go to Columbia, South Carolina to establish a sub office.

Trane Company was fortunate to have a man of the caliber of Art Suggs. Over the years he conducted his business with an honesty and integrity that few have managed. Dave Mangan, the Climatic/Carrier representative, remembers Art as

a very good friend since the early 1950's. "Art had an ability to compete with you while still maintaining your friendship," said Dave. Ed McMurray, a mechanical contractor also remembers Art was able to forsake the "dog eat dog" of the business world and take time off to have fun.

ASHRAE and its forerunner AHVAE were a very important part of Art's life. According to Harry McDowell with W.O. Blackstone, Art made a practice of inviting every new sales person to participate in ASHRAE. They attended each and every meeting and served as Chapter President 1964/5.

Art passed away August 26, 1992 at the age of 67. Region IV renamed the Money Bags Award for Research Promotion to the Arthur Suggs Money Bags Award shortly after his death.

## *How is your chapter stacking up in PAOE points?*

### Current Region IV PAOE Standings

As of 11/3/2016

1. North Piedmont- 4496
2. Charleston- 1598
3. Southern Piedmont- 1338
4. Triangle- 1220
5. Greenville- 960
6. Atlanta- 860
7. South Carolina- 345

### Members Council Update

We had three motions go forward to the Members Council:

- That ASHRAE create an annual stipend of \$100,000, paid monthly to the President of Society.
  - This motion has been forward to the Society Executive Committee for their review, I will keep you updated.
- That DRCs, ARCs and RMCs be given read only access to all chapter online activities at ASHRAE.org and ASHRAERP.com to be able to monitor the Chapter activities within their respective Regions.
  - This motion was defeated, the individual will ask for access as required.
- That ASHRAE extend chapter reporting access to outgoing chapter president.
  - This motion was also defeated. Your Chapter President can add anyone to ASHRAE.org under Chapters and appoint the past President or anyone for that matter to Chapter Administrator and then you will have full access.

I am also in a group looking into the following issue in society; our report is due at the Annual Meeting in Las Vegas. Please forward me your thoughts; I think everyone's in put on this would be very valuable.

#### Members Council - MBO #4

Over the past several years, Society and Members Council have received recommendations from various committees, subcommittees, and ad hoc committees related to increasing ASHRAE's diversity both in membership and in participation in all aspects of Society (including technical activities) and making Society more inclusive. Identified target audiences include young engineers, women, and professionals from all geographic areas outside the U.S. and Canada (particularly from Developing Economy countries). Instead of focusing on how Society can address specific target groups, the Council should take a more holistic approach to encouraging diversity.

Please email me or call with any questions or thoughts,

Thanks,

Steve Marek, PE

Region Members Council Representative

(843) 534-6264 [Stevemarek.pe@gmail.com](mailto:Stevemarek.pe@gmail.com)

## Membership Promotion

We are getting closer to end of 2016 year. As you all know we don't have monthly Chapter meeting in month of December. Make your best effort to recruit new members during this month Chapter meeting. I also encourage you to make calling campaign to reduce delinquents.

Below spread sheet shows your chapter MP progress. Don't get discourage with negative number in Net Growth.

### Region IV Chapter Activity Summary - as of 10/31/16

Chapter	Beginning of Year	Current	Unpaid	Del	New Members	Cancel	Net Growth	Net Growth Percent	Transfers
Atlanta	1006	1007	101	47	48	43	5	0.5	-4
Charleston	140	138	13	6	2	6	-4	-2.9	2
Greenville	179	172	14	8	3	11	-8	-4.5	1
North Piedmont	199	193	19	15	5	9	-4	-2	-2
South Carolina	137	135	7	2	4	7	-3	-2.2	1
Southern Piedmont	359	366	46	22	22	20	2	0.6	5
Triangle	439	443	39	23	14	18	-4	-0.9	8
<b>Total</b>	<b>2459</b>	<b>2454</b>	<b>239</b>	<b>123</b>	<b>98</b>	<b>114</b>	<b>-16</b>	<b>-11.4</b>	

I would like to thank congratulate for following Chapter Chair & Co-Chair:

1. South Piedmont Chapter for ranking number 1 for Net Positive Growth.
2. South Carolina Chapter for reducing percentage Delinquents. Net growth is negative, but I am confident that you will do better in coming month.
3. South Piedmont for ranking number 1 for highest %New member recruitment.

Following activities I would like you to do this month:

1. Update your PAOE points. If you have not started, open up ASHRAE website and enter your points.
2. Calling campaign for getting new members.
3. Calling campaign for reducing members delinquent list. Your list is small. With the help of your membership committee, you can reduce the list.
4. Let me know when will be your Chapter Membership promotion night for this year. Please note that you require to have two membership promotion night within society year.

If you have any question, please feel free to call me at my cell (404)-803-6464. I am here to help you.

Samir Sheth—Region IV MP RVC

Phone- (404)-848-5691

ssheth@itsmarta.com

## All About PAOE

Chapter success is measured by PAOE (Presidential Award Of Excellence). Each function on the operation of the chapter is governed by PAOE points. It is said that if you are doing what is required, the points will come and not need to be chased. Over the years here has been much consternation over these points, but it is still the best and most viable system to measure the performance of a chapter. There are six categories which include Chapter Operation, Chapter Technology Transfer (CTTC), Membership Promotion, Research Promotion (RP), Student Activities and the newest grassroots committee Grassroots Government Advocacy (GGAC).

There are rewards for obtaining the PAOE points which includes a Minimum and a PAR or low and high points.

- Special Citation: Minimum in 5 of the 6 categories, with a minimum of 5500 points.
- STAR Award: PAR in all categories.
- Honor Roll: PAOE for at least four consecutive years.
- High Honor Roll: STAR for at least four consecutive years.
- Premier Award: PAOE every year since the chapter's inception or since 1970; minim of four years; chapter's first year is excluded.
- Sustainability Activities Award Is available for each chapter that obtains a total of at least 200 PAOE points from the items listed under Sustainability Activities in the Chapter Operations category of the PAOE.

The Chapter with the highest PAOE Sustainability point total (excludes the Community Sustainability Project points), will receive a Regional Award in the form of a plaque and all chapters satisfying this criteria will receive a certificate.

Pam Immekus

RVC History

## ASHRAE Commends Montreal Protocol Amendment to Phase Down HFCs

ASHRAE commends the governments involved in the adoption of the HFC amendment to the Montreal Protocol, which will result in a global phase down of production and consumption of hydrofluorocarbons (HFCs). The agreement was signed earlier this week.

The move comes as ASHRAE and leading U.S. government agencies, built environment associations and companies launch a multi-million dollar research program that will establish a more robust fact base about the properties and the use of flammable refrigerants.

The research is part of a \$5.8 million program funded by ASHRAE, the Air-Conditioning, Heating, and Refrigeration Institute (AHRI), the U.S. Department of Energy (DOE), the Association of Home Appliance Manufacturers (AHAM), the California Air Resources Board (CARB), and Johnson Controls. This program is part of an ongoing global effort to phase down the use of high global warming potential (GWP) refrigerants and identify appropriate climate-friendly alternatives.

"Flammable refrigerants hold great promise for reducing the use of HFCs in refrigerants and thereby lowering the environmental impact of air-conditioning and refrigeration systems," ASHRAE President Tim Wentz, said. "ASHRAE applauds the Kigali Amendment and is pleased to be a partner in cutting edge research effort to better understand how to safely deploy flammable refrigerants."

The agreement calls for reduction of HFCs equivalent to 80b metric tons of carbon dioxide through 2047 and will thereby avoid almost a half degree C of global warming. Several ASHRAE members were among those attending the Protocol meetings. Among them were ASHRAE Presidential Member Jim Wolf and ASHRAE Director-at-Large Bill McQuade.

"The update of product safety standards and building codes to include A2L refrigerants is essential to the success of this agreement," McQuade said. "The interest in our A2L research program by the parties was very high. In fact, several indicated to me interest in becoming a partner and funding additional research in the future."



## Plan Ahead; Region IV 2017 CRC

Region IV CRC for 2017 is hosted by the North Piedmont Chapter.

CRC will be August 10-12, 2017 in Greensboro, NC at the Grandover Resort & Conference Center.

This event will be fun for the whole family! The resort features a spa, pools and golf. The chapter is planning even



## Chapter Updates

### Atlanta

[www.ashraeatlanta.org](http://www.ashraeatlanta.org)

October was a great month of events for our ASHRAE Atlanta Chapter. It was a month of collaboration as we begin to work with other local organizations in our industry including the USGBC and AIA. We also had our Fall Golf Tournament on October 26<sup>th</sup> with another great turnout from our members.

Our Young Engineers of ASHREA (YEA) have been very active as well. We kicked off the year with a successful joint mixer with AIA young professionals and had over 40 people show up. A big thanks to Parker Brunelle and Meghan McNulty, our YEA chair and co-chair, for helping organize this event. Last weekend we also continued our volunteer efforts with Habitat for Humanity on what will be a recurring sustainability project, so be on the lookout for the next one!

### Charleston

[charlestonashraechapter.wildapricot.org](http://charlestonashraechapter.wildapricot.org)

The Charleston Chapter has been abuzz with activity. We had our first sustainability activity volunteering with the local Habitat for Humanity, where we assisted with digging holes, hurricane strapping, flashing, decking and much more. We are excited to volunteer again in the Spring! The Charleston Chapter hosted an ASHRAE booth at the Lowcountry STEM High School Career fair where we did science experiments and talked about sustainability with the students. We recently launched our new facebook page, please follow us at [facebook.com/CharlestonASHRAEChapter](https://facebook.com/CharlestonASHRAEChapter) to keep up with our activities and see more pictures!



### Greenville

[www.ashrae4greenville.com](http://www.ashrae4greenville.com)

### North Piedmont

[www.northpiedmont.org](http://www.northpiedmont.org)

Things have been busy for the chapter over the past two months. After having two great meetings featuring Distinguished Lecturers Dr. Julia Keen and Tom Phoenix, we are looking forward to our third meeting featuring Dr. Bruce Hunn, a DL from the Triangle Chapter.

Our chapter has also participated in two sustainability events; Green Apple Day of Service and our local Winterization project with USGBC. We were happy to have students from our NC A&T branch participate along with us. If that wasn't enough, we've also had a refrigeration tour and our fall golf outing.

Now we're looking forward to wrapping up 2016 with our Annual Christmas Party, which will be December 15, in a new location, Natty Greene's Bunker (Brewery).

Last, we'd like to take a moment to recognize our YEA Chair and SA Co-Chair Miguel Marquez who was selected as the first recipient of the Region IV scholarship to attend YEA Leadership Weekend.

### South Carolina

[www.southcarolina.ashraechapters.org](http://www.southcarolina.ashraechapters.org)

### Southern Piedmont

[www.spashrae.com](http://www.spashrae.com)

The Southern Piedmont Chapter's first Sustainability Event of the year was on Saturday, October 15<sup>th</sup>, at Freedom Park in Charlotte. With the help of our Rowan-Cabarrus Community College Student Chapter, we had 27 volunteers come out to support our efforts. Due to the large turnout, we split up into three groups to accomplish various tasks across the park.

We are currently working with Freedom Park to have a Memorial Plaque placed at the main entrance, in recognition of the ASHRAE Southern Piedmont Chapter, for our ongoing sustainability efforts at this location.

Our Fall Golf Tournament had a great turnout this year, with 82 total golfers in attendance. The tournament was hosted at Pine Island Country Club on Wednesday, October 19<sup>th</sup>. With sunny blue skies and highs in the 80's, we could not have asked for better weather!



### Triangle

[www.triangleashrae.com](http://www.triangleashrae.com)

We were very successful 10/24 at North Carolina State University with 12 people turning out for the visit. We generated lots of great interest in resume building review and desire to apply for ASHRAE scholarships. Thanks to Weston Hockaday, Tim Ashby, and Emily Armstrong for the GREAT work! We will be holding the same event at East Carolina University on 11/14.

We toured the Dell/EMC Data Center facility 11/2. We ended the facilities tour with YEA event at the local brewery Lone Ryder to continue to grow the connection with the younger members.

Upcoming events will be the 11/6 Chapter meeting with Thomas Hartman, P.E. to discuss Designing Ultra-Efficient Building Cooling Systems. 12/3 will be the Triangle 5K Run, Jog, Walk at Wake Med Soccer Park in Cary. Details located in the attachment.

## YEA—LeaDRS Program

At this year's CRC Region IV approved funds to participate in the LeaDRS program at both the Winter meeting in Las Vegas, NV and Summer meeting in Long Beach, CA. The LeaDRS program gives regional leaders the opportunity to shadow their DRC at a Society conference. This program will allow the incoming or new regional leader to gain a better understanding of both Regional and Society operations. The region will cover the transportation costs, room, meeting registration, Welcome Party, Presidential Luncheon, Member Nights out, and our Regional Dinner while attending the conference. The shadow will arrive on the Saturday before the conference, and leave on the Wednesday at the end of the conference. This program is not limited to members of the YEA demographic. Any member in good standing can apply. If you have ever been interested in Regional service please take advantage of this program. Please complete the attached application and return to your Chapter's YEA Chair. If you are unsure to whom to send please contact me at [lmhuffin@gmail.com](mailto:lmhuffin@gmail.com). Applications are due NOV. 20th.

Lee Huffines  
RVC Region IV YEA



*LeaDRS application deadline is fast approaching—November 20! Contact Lee Huffines for more information.*

## Student Activities Deadlines

As the fall semester at many of our Region's colleges & universities draws to an end, please remind students to apply for ASHRAE scholarships and grants. The application deadline for all ASHRAE Scholarships is Thursday, December 1st. Applications for Grants aren't due until December 15th, but bonus points are awarded to applications received by November 15th. More information can be found in the [Student Zone](#).

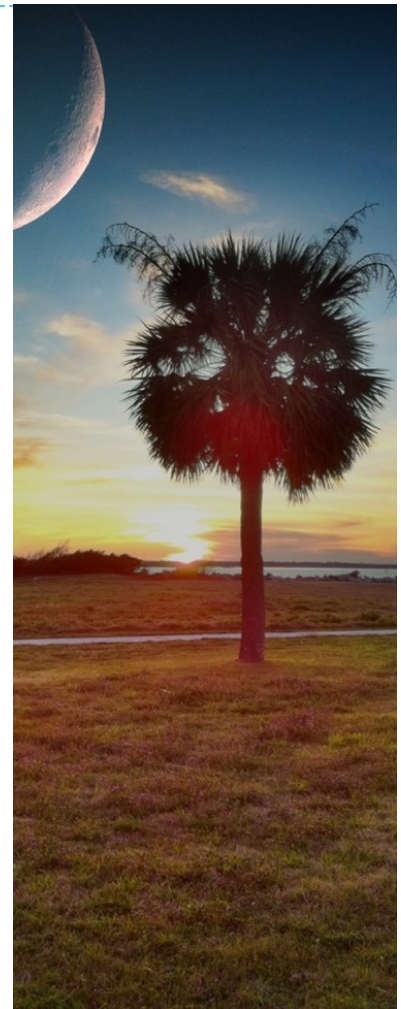
Of course, ASHRAE doesn't only reward students for excellence. If your Chapter Student Activities Chair has dedicated his/her time to growing student activities at all levels, he/she should be nominated for the Student Activities Achievement Award! This award is given out by Society each year in recognition of exceptional volunteer

effort. Applications are due December 31st and more information can be found [here](#).

ASHRAE also recognizes members who actively engage a youth audience through STEM activities with the Youth Outreach Award. All ASHRAE members are eligible for this award. Applications are due January 1st and can be downloaded here: [Youth Outreach Award](#).

Thanks,

Megan Tosh  
Region IV SAC



## Region IV Treasury Update

Remember that all chapters must file a federal income tax return not later than November 15 for society year 2015-16 ending June 30, 2016. This is form 990.

Also Chapter dues are due immediately.

Sincerely,  
T. R. (Randy) Jones



### Want to know more, get involved or share something with us?

Be sure to visit the Region IV website at [www.region4.ashraeregions.org/index.html](http://www.region4.ashraeregions.org/index.html) for contact information for all of the Region leaders. We'd love to hear from you!

Learn more about ASHRAE at the Society website [www.ASHRAE.org](http://www.ASHRAE.org)

Want to add something to the newsletter? Contact Kim Pierson at [kpierson@cromwell.com](mailto:kpierson@cromwell.com)



## Upcoming Events

**AHRI Annual Meeting**, Nov. 13 – 15, Scottsdale, Ariz.

**HARDI Annual Conference**, Dec. 3 – 6, Colorado Springs, Colo.

**Clean Air Through Energy Efficiency Conference (CATEE)**, Dec. 19 – 21, San Antonio.

**Building Innovation 2017**, Jan. 9 – 13, Washington, D.C.

**ASHRAE Winter Conference**, Jan. 28 – Feb. 1, Las Vegas.

**2017 AHR Expo**, Jan. 30 – Feb. 1, Las Vegas.

**IAQA 20th Annual Meeting**, Jan. 30 – Feb. 1, Las Vegas.

**2017  
Winter  
Conference**  
Jan. 28 – Feb. 1  
Las Vegas, NV



**AHR  
Expo**  
Jan. 30 – Feb. 1  
Las Vegas, NV



## Regional Leadership

**Regional Director and Region Chair—Billy Austin**

**Assistant Regional Chair—Steve Marek**

**Treasurer—Randy Jones**

### Regional Vice-Chairs:

**Members Council Representative—Steve Marek**

**Chapter Technology Transfer—Harris Sheinman**

**History—Pamela Immekus**

**Membership—Samir Sheth**

**Research Promotion—Matt Rowe**

**Grassroots Government Activities—Jeff Vestal**

**Student Activities—Megan Tosh**

**Young Engineers in ASHRAE—Lee Huffines**

### Nominating Committee:

**Regional Member—Charlie Curlin, Jr**

**Webmaster—Heather Platt**







Triangle Chapter



# ASHRAE's 5K Walk, Jog, Run Saturday, December 3, 2016

**Run Wild, Go GREEN!**

**Run to Support NO Footprint**

Run the *excellent* cross-country course inside the

## WakeMed Soccer Park in Cary

WakeMed Soccer Park - 201 Soccer Park Drive, Cary, NC, 27511

(Park in the main lot, then follow the signs to the Cross-County Course)

Registration Table opens 8-9:45 am, Race begins 10 am Rain or Shine

Registration includes: Race number, bottled water, and Race T-Shirt

Families with Strollers and leashed pets are WELCOME!

**Cash prizes will be provided to 1st, 2nd, and 3rd place**

For registration and sponsorship information,

go to [www.TriangleASHRAE.com](http://www.TriangleASHRAE.com)

### Registration & Sponsorships:

**Registration. Individual Participant:**

**\$35:** Early Bird discount

(save \$5 if before 10am Mon Nov 21)

**\$40:** Standard Registration (before Dec 3)

**\$45:** Walk-Up (8-10 am at the table)

Provide your Race T-Shirt size during registration:

S, M, L, XL, 2XL, 3XL

(shirts for registration after Nov 21, will be size "as available")

**Sponsor packages (all include Track Sponsor Signs):**

Platinum: **\$1000** - 4 registrations

Gold: **\$500** - 3 registrations

Above **ALSO** includes **YOUR LOGO** on the Race T-SHIRT !!

Silver: **\$250** - 2 registrations

Bronze: **\$150** - 1 registration

ASHRAE is Building, Design, Construction, and Conservation for the World.  
An International, Non-Profit, Engineering Organization providing  
Sustainability, Net-Zero, and Low Carbon Footprint designs for GREEN buildings.

100% profits of this event will be donated to ASHRAE's Research Fund