



Registration Opens for the 2018 Winter Conference

ASHRAE is pleased to announce registration is now open for its [2018 Winter Conference](#), to be held in Chicago, Ill., Jan. 20-24, at the Palmer House Hilton. Registration is also open for the [AHR Expo](#), Jan. 22-24 at McCormick Place, co-sponsored by ASHRAE and the Air-Conditioning, Heating, and Refrigeration Institute (AHRI).

The ASHRAE Winter Conference features eight conference tracks, [tours](#), [social events](#) and a keynote message from Debbie Sterling, Founder and CEO of [GoldieBlox](#).

Attendees will examine the latest topics in the building industry, through a technical program featuring more than 200 presentations and 300 speakers.

Technical Program tracks include Systems and Equipment; Fundamentals and Applications; Standards, Guidelines and Codes; Earth, Wind & Fire; Tall Buildings; Modeling Throughout the Building Life Cycle; and Heat Exchange Equipment.

ASHRAE Learning Institute (ALI) will offer two full-day, and five half-day seminars during the conference. Courses include: The Commissioning Process in New & Existing Buildings; High-Performance Building Design: Applications & Future Trends; Variable Refrigerant Flow Systems: Design & Application; and 78 Designing Toward Net-Zero Energy Commercial Buildings.

New and updated courses include:

- Optimizing Indoor Environment: Increasing Building Value
- Understanding and Designing Chilled Beam Systems
- Designing High-Performance Healthcare HVAC Systems
- Complying with Standard 90.1-2016: HVAC/Mechanical
- Humidity Control I and II: Principles & Applications

Visit [ASHRAE Learning Institute \(ALI\) Courses](#) for a full list of conference course offerings.

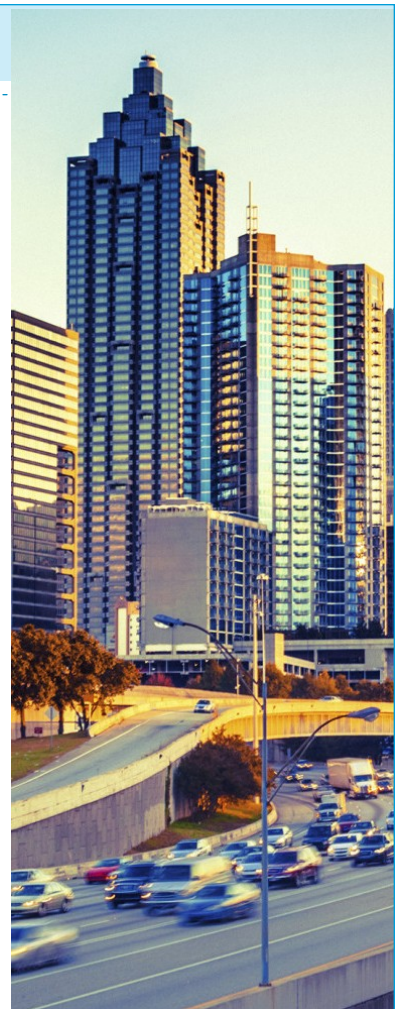
Those interested in sitting for one of six ASHRAE certification exams must apply by Dec. 20. The exams include: Energy Assessment, Energy Modeling, Commissioning, Healthcare Facility Design, High-Performance Building Design and Building Operations. Learn more and apply at www.ashrae.org/certification.

The AHR Expo hosts more than 2,000 exhibitors and attracts crowds of 65,000 industry professionals from every state in America and 165 countries worldwide during the three day exhibit.

There are three distinct product sections within the expo show floor:

- **The Building Automation and Control Showcase:** This area is designated for building automation, energy and facility management systems; climate controls; monitoring systems; wireless and cloud-based options; and other networked building systems including lighting, security, fire alarms, and more.
- **The Software Center:** This area is designated for HVACR related software, both off-the-shelf and customized solutions, for the following: project and field service management including estimating, inventory control, GPS tracking; system design, specification and analysis; remote-based and cloud-based software; and more.
- **The Indoor Air Quality Association Pavilion:** This area is designated for member companies of the Indoor Air Quality Association. These exhibitors will be showing products related to indoor air quality, such as air quality monitors, exhaust fans, environmental testing systems, dehumidifiers and more.

Take advantage of early bird [registration](#) savings. For complete conference and expo information, visit the [2018 ASHRAE Winter Conference](#) and the [AHR Expo](#) websites.



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SPECIAL POINTS OF INTEREST

New RVCs have taken over their positions!



Note from our Regional Director

Welcome to the 2018-2018 year! We definitely started of the year with a bang at our awesome CRC. Heather Platt and the North Piedmont team did an amazing job with every aspect! They put their heart, soul, creativity, and talent into that CRC and it showed big time! Weren't those good bags awesome?! Again, great job!

Speaking of the CRC, please let your chapter membership know that next year's event will be held in Orlando, Florida August 8-11 at the Orlando World Center Marriott, jointly with Region XII. Our Region IV CRC Chair Colin

Shropshire has been working with Region XII to make this a great event. It will take some planning for our chapter leaders and their families to make this trip, so please spread the word now.

This is the time to get your chapter year off to a great start. Please make sure that your leadership is in contact with their RVCs and that your meetings and events are planned. I am always available to help you; please e-mail or call me as needed.

Billy Austin
Region IV DRC

Want to get the newsletter in your inbox? Know someone who wishes they got the newsletter? Email Kim and kpierson@cromwell.com

Did you know?

The Ferris Wheel is considered one of the greatest engineering wonders in the world? The first Ferris Wheel was created by Pittsburgh, Pennsylvania engineer, George W. Ferris, in 1893. The wheel is supported by two 140-foot steel towers and connected by a 45-foot axle -- the largest single piece of forged steel ever made at that time.



ASHRAE Region IV Scholarships

ASHRAE has announced the recipients of 33 Society scholarships, totaling \$164,000 for the 2017-18 academic year.

"The ASHRAE Society scholarship program was launched to both encourage and reward students who pursue STEM education and demonstrate active engagement in innovative research, which may lead us to a better world," says 2017-2018 ASHRAE President Bjarne W. Olesen. "We are eager to support the next generation of engineers as they shape our future."

The Region IV students, all pursuing an undergraduate degree in engineering or technology leading to a career within the HVAC&R industry, will receive the following undergraduate ASHRAE scholarships:

Region IV Benny Bootle Scholarship: Kristin O'Brien, mechanical engineering, Clemson University. The scholarship is named for a former Region IV chair and regional director on the ASHRAE Board of Directors.

James R. Bullock Jr. Scholarship: Brandon Hines, mechanical engineering, North Carolina State University. The scholarship is named in honor of Bullock Jr., P.E., Life Member of ASHRAE, who serves as president of Environmental Air Systems Inc

Legacy Scholarship: Paul McNeely, mechanical engineering, North Carolina State University.

High School Senior Scholarships: Esteban Garcia Ponte, engineering, Clemson University.

Over the course of 29 years, ASHRAE has awarded nearly \$2 million of scholarship money to nearly 400 students. Through its scholarships, ASHRAE seeks to motivate students to pursue an engineering or technology career in the HVAC&R field.

Applications are now being accepted for the Society's 2018-19 undergraduate engineering, engineering technology, regional/chapter, and university-specific scholarships. The deadline is Dec. 1, 2017. Visit www.ashrae.org/scholarships for complete eligibility requirements and application materials.

Research Promotion Update

Congratulations on an amazing 2016-2017 ASHRAE RP year where all of our chapters achieved their RP goals! Chapter Presidents and RP Chairs please thank all of your generous donors and supporters who contributed to our successful campaign last year.

On to the next year where we have an increased regional goal of \$180,000.00. Our chapter RP chairs will be at Centralized Training in Chicago coming up on 9/15 where we will get our chapter goals. But please don't wait on me, get a headstart to this year by figuring out who will be on your RP committee this year. Please let me know who is on your committee and fill out the form on www.ashraerp.com.

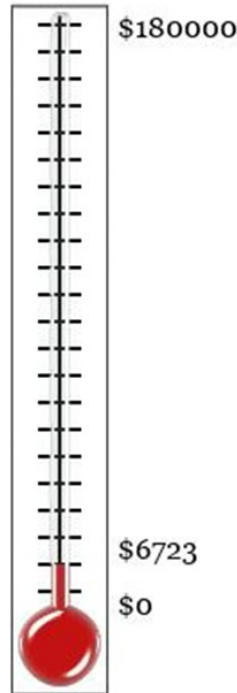
Finally, Regional Full Circle and Chapter Full Circle Deadlines are coming up, End of Sept. For those that don't know, this is a long standing tradition with Region IV where all people in leadership chair positions at the Region and Chapter levels contribute \$100.00 to ASHRAE RP. It comes from the motto if we don't give, how can we ask others to give to our important campaign.

We already have some money in the bank for

this year but a long way to go as you can see below. I am looking forward to another fun, creative, and rewarding Region IV ASHRAE RP year.

Please feel free to contact me with any questions, concerns, or comments.

Matt Rowe
ASHRAE Region IV
RP RVC
(919) 244-8902
matr@jmpco.com



Chapter Technology Transfer Update

We are starting the year quickly with programs and there has been great excitement about the DL Program. For the Region, we have 11 Assigned DL visits. At this point we have used 5 of our 11 allocations with CRC and 3 chapters. Each chapter that has not used their DL does still have 1 assigned. The 2 additional unassigned DL allocations are going to be allocated for Multi-Chapter or Multi-Organizational Assignments. Please bring your local CTTC/Program Chairs ideas on the best way to promote cooperation and integration with other groups and we will assign the remaining 2 visits. These will be assigned for programs that visit 2 or more chapters in our region, or, for a program to both your local chapter in a joint meeting with CAGC, AIA, or USGBC as examples. An ideal use is one that does a multi-chapter visit that also includes the local contractors association since that was also one our key discussion topics within the region. Programs are the key to a healthy chapter, please share your ideas on topics and needed presentations.

Upcoming Deadlines

DL Region Assignments – November 1st : Any of our Region Unassigned DL Visits will be opened up to our Region IV Chapters.

DL Global Assignments – November 30th: Any of our Region Unassigned DL Visits will be opened up to all Regions.

Chris Adams
Region IV CTTC RVC

ASHRAE Certifications Recognized By The U.S. Department Of Energy

Two ASHRAE certification programs, the Building Commissioning Professional (BCxP) and Building Energy Assessment Professional (BEAP), have been recognized by the U.S. Department of Energy (DOE) as meeting the Better Buildings Workforce Guidelines (BBWG).

The certifications achieved DOE recognition for aligning with Better Buildings Workforce specifications for two key commercial energy-related jobs, the building commissioning professional and energy auditor jobs, and for being ANSI-Accredited Personnel Certification Programs under ISO/IEC 17024 – Accreditation #1139.

Of the six programs DOE has recognized for aligning with Better Buildings Workforce Guidelines, two are ASHRAE certifications.

“ASHRAE certification programs provide value to built-environment professionals, employers and building owners across the globe – and embody our commitment to advancing human well-being through sustainable technology for the built environment,” says ASHRAE Certification Committee Chair Cameron R. Labunski, P.E., CPMP, HBDP, HFDP. “DOE recognition of these two ASHRAE certification programs positions the employers of BCxPs and BEAPs to compete for federal, state and local government body contracts calling for the services provided by these certified professionals.”

The ASHRAE [Building Commissioning Professional \(BCxP\)](#) certification is for individuals who lead, plan, coordinate and manage a commissioning team to implement commissioning processes in new and existing buildings. The ASHRAE [Building Energy Assessment Professional \(BEAP\)](#) certification is for individuals who assess building systems and site conditions, analyze and evaluate equipment and energy usage and recommend strategies to optimize building resource utilization.

Plan Ahead; Region IV 2018 CRC With Region XII



Region IV CRC for 2018 is a combination of Region IV and Region XII!

CRC will be August 8-11, 2018 in Greensboro, Orlando, FL at the Marriott Orlando World Center.

This event will be fun for the whole family! The World Center features 10 restaurants, 4 pools, sand volleyball, tennis, basketball, retail, golf, and a nightly laser show.

We will be near all of the other family attractions that Orlando has to offer.

Be on the look out for more information.



Chapter Updates

Atlanta

www.ashraeatlanta.org

Charleston

charlestonashraechapter.wildapricot.org

Greenville

www.ashrae4greenville.com

North Piedmont

www.northpiedmont.org

We are excited to kick off this new year with a fresh new website design which just recently went live. The 2017-2018 calendar year is going to be packed with great meetings, volunteer opportunities, and fun outings, as our goal this year is to not only attract new members, but re-engage with the members who may have stepped away. We are proud to have formed a partnership with the City of Greensboro through the Adopt-A-Park program, in which our chapter will do a cleanup of Three Meadows Park in north Greensboro (4) times a year for the next two years. We are excited to continue our partnership with NC A&T student chapter of ASHRAE, even as Dr. Nassif has moved on. Dr. Ahmed Megri will be taking the lead on the promotion and sponsorship of the NC A&T student chapter of ASHRAE.

South Carolina

www.southcarolina.ashraechapters.org

The SC Chapter had our Golf Tournament which was held next Friday, May 26th at Woodlands C.C. We had 17 teams and 19 sponsors and were able to raise \$7,000 for RP and was the main reason we were able to hit our \$11,500 goal this year. We have an upcoming chapter meeting 9/20/17 and a Joint Meeting with the local MCA and ASPE chapters on October 5th.

Southern Piedmont

www.spashrae.com

Upcoming Events

- October 11th 2017 Fall Golf Tournament (Tentatively)
- December 7th 2017 Christmas Party & Auction

The Southern Piedmont Chapter is looking forward to another successful year in ASHRAE. We worked very hard last year to reach our RP goal from a \$4,000.00 Deficit and we would like to thank our past President, Adam Parker, for that success. We are very proud of our current and growing student activities relationship with RCCC and we are excited to see our developing relationship with UNCC reaching new levels.

Triangle

www.triangleashrae.com

**Visit the chapter websites for
more information!**

YEA Update—with a deadline!

Region IV is helping to send one Young Engineer in ASHRAE to the upcoming YEA Leadership Weekend in Baltimore, MD on October 13-15. The deadline for the application is September 14th. Please get with your chapter president or YEA chapter chair for more details. YEA Leadership Weekend is an opportunity for the future leaders of ASHRAE to learn more about Society, develop soft skills and network with other young professionals. This event will in-

clude segments on understanding your own personality as well as other types, leadership development for young professionals, communication techniques and ASHRAE leadership opportunities. Region IV will cover the enrollment fee and up to \$550 travel of the scholarship recipient. More information can be viewed at www.ashrae.org/YLW

Jackson Willis
Region IV YRC



Have an event to publicize or information to distribute? Be sure to submit it for the next newsletter!

ATLANTA ASHRAE MEETINGS HISTORY

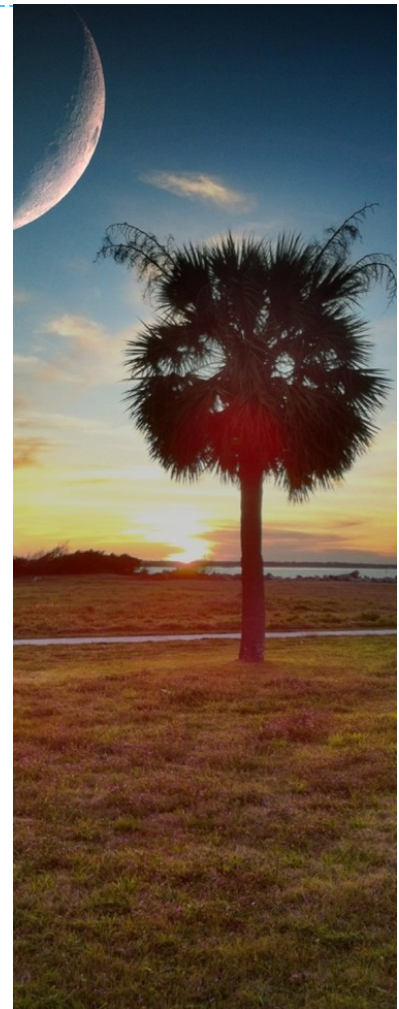
We are about to embark on another ASHRAE Winter Meeting in January of 2019. Lots of help will be required from the Region. The last Winter Meeting which includes the ARI equipment show was in 2001. We did have an Annual (Summer) meeting here in Atlanta in 2015.

It takes approximately 200 volunteers for the sessions alone. Volunteer monitors receive free registration for this service. In addition, we will need staff for the ASHRAE Hospitality Suite, for each of the Tours as yet to be planned, staff for a table in Registration to answer questions and to give out material on what the city has to offer including a list of suggested restaurants and attractions. Below are all the past Atlanta meetings with the first held in 1978. As you can see, we became more efficient in the use of volunteer time over the years as has ASHRAE which handles all the luncheons and meeting arrangements. If you are interested in participating contact pam@leppardjohnson.com.

Pat Immekus
RVC Region IV History

Below is the 1978 past Atlanta meeting committee. Past Atlanta meetings held in 1978, 1984, 1990, 1996, 2001, and 2015

1978 -
Warren Shiver - General Chair
Dan McNeil - vice chair
Dave McKenney - Member Utilization
James Beverly - Finance
Bob Lloyd - Welcome Party
George Hightower - President's luncheon
Frank Pritchard - Banquet
Dot & Pat Gupton - Ladies Events (cute)
Carl Bruechert - Reception
Willard King - Tickets
Rodger Goforth - Signs
Jamie Wright - Transportation
William Goldin - Publicity
Dewey Young - Thermal Comfort
King McCain - Life Members Luncheon
James Griffin - Sessions
Tom Barrow - Expositions
Barney Burroughs - Region IV Dinner
Art Bendelius - Foreign Visitors
Al Lincoln - "R" in ASHRAE
Ensign Conklin - Exposition Promotion



Region IV Treasury Update

No update for now!

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 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

Want to add something to the newsletter? Contact Kim Pierson at kpieron@cromwell.com



Upcoming Events

Solar Power International, Sept. 10 – 13, Las Vegas.
Challenges in Filtration and Separation, Sept 19 – 20, St. Louis, MO.
2017 NAFA Annual Convention, Sept. 20 – 22, Annapolis, Md.
RETA Conference, Sept. 26 – 29, Hershey, Pa.
ASHRAE 2017 Building Performance Analysis Conference, Sept. 27 – 29, Atlanta.
World Energy Engineering Congress, Sept. 27 – 29, Atlanta.
AMCA Annual Meeting, Sept. 28 – Oct. 1, Stowe, Vt.
CONNECT 2017, Oct. 4 – 6, Milwaukee, Wis.
SOLAR 2017, Oct. 9 – 12, Denver.
EEBA High Performance Home Summit, Oct. 10 – 12, Atlanta.
I2SL Annual Conference, Oct. 15 – 18, Boston.
IFMA World Workplace, Oct. 18 – 20, Houston.
ASPE 2017 Tech Symposium, Oct. 19 – 22, Montreal.
SMACNA Annual Conference, Oct. 22 – 25, Maui, Hawaii.
AHRI Annual Meeting, Nov, 2 – 4, Miami.
Greenbuild International Conference and Expo, Nov. 8–9, Boston.
2017 ASHRAE Developing Economies Conference, Nov. 10 – 11, Delhi, India.
Clean Air Through Energy Efficiency Conference (CATEE), Nov. 13 – 15, Plano, Texas.
HARDI Annual Conference, Dec. 2 – 5, Las Vegas.
Building Innovation 2018, Jan. 8 – 11, Washington D.C.
ASHRAE Winter Conference, Jan. 20 – 24, Chicago.
AHR Expo, Jan. 22 – 24, Chicago.
IAQA 21st Annual Meeting, Jan. 22 – 24, Chicago.

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—Chris Adams

History—Pamela Immekus

Membership—Samir Sheth

Research Promotion— Matt Rowe

Grassroots Government Activities—

Tim Ashby

Student Activities— Adam Parker

Young Engineers in ASHRAE -

Jackson Willis

Nominating Committee:

Regional Member— Charlie Curlin, Jr

Webmaster—Heather Platt

