

# December Newsletter

ASHRAE Atlanta Chapter

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## Upcoming Important Dates

Chapter Meeting  
YEA Event at Sweetwater

January 14<sup>th</sup>, 2014  
January 23<sup>rd</sup>, 2014

## December 2013



As we close out the year, ASHRAE activities slow down a bit to allow members and volunteers alike the chance to celebrate – and to finish up any last minute work items before leaving the office behind.

The break has given me some time to reflect on what we have accomplished so far. We've hosted some successful chapter meetings with our first attempt at webcasting; we have engaged our students in assisting them in applying for scholarships; and we had another great golf tournament. I'm so thankful for the many volunteers that support the activities of ASHRAE Atlanta.

If you have a moment, please check your membership status. We have several members who are past due on membership dues. Not only does your annual membership fee support the activities of ASHRAE, you get all the great benefits of being a member. One of my favorite benefits is access to all the past ASHRAE journals in electronic, searchable format. There is a lot of great reference information there!

Although things are slow for us, I wanted to be sure to provide our membership with a “heads up” about our January and February activities. If you haven't made it out to a local ASHRAE activity in the last few months (or few years), why not give us a shot? In 2014, resolve to network with colleagues in your industry. It's a great way to make friends, develop your network, and promote lifelong learning.

Pamela Androff  
Atlanta Chapter President 2013-2014  
[president@ashraeatlanta.org](mailto:president@ashraeatlanta.org)  
[www.ashraeatlanta.org](http://www.ashraeatlanta.org)

## ATLANTA CHAPTER CALENDAR

DATE	EVENT	LOCATION	SPEAKER/TOPIC
<b>January</b>			
1.14.2013	Chapter Meeting - LUNCH Emphasis: Membership	ASHRAE HQ	Chris Muller ASHRAE 62.1 - The IAQ Procedure and LEED
1.23.2013	YEA Event - Brewery Tour	Sweetwater Brewery	
<b>February</b>			
2.11.2014	Chapter Meeting - DINNER Emphasis: Student Activities, RP	ASHRAE HQ	Tom Lawrence ASHRAE 189.1
2.19.2014	YEA Event - Trivia Night	Hand in Hand	
2.22.2014	Refrigeration Tour	Monday Night Brewing	-
TBD	Trap Shoot benefiting Research Promotion	TBD	-
<b>March</b>			
3.11.2014	Chapter Meeting - LUNCH Emphasis: GGAC	ASHRAE HQ	
3.11.2014	YEA Event - Bocce Ball	Ormsby's	
3.14.2014	Old Codger's Luncheon (Past Presidents and Life Members)	Villa Christina	-
<b>April</b>			
4.8.2014	Chapter Meeting - LUNCH Emphasis: CTTC, YEA	TBD	
4.12.2014	YEA Event - Habitat for Humanity	TBD	
4.17.2014	ASHRAE Webcast	Virtual	Buildings in Balance: IEQ and Energy Efficiency
<b>May</b>			
5.1.2013	ASHRAE Scholarship Applications Due (For High School Students)	-	-
5.13.2013	YEA Event – Spring Classic – Georgia Tech vs. UGA Baseball Game	Turner Field	-
TBD	Spring Golf Tournament	TBD	-
TBD	May Outing	The Ridges Resort, Hiawassee, GA	-
<b>June</b>			

This Atlanta Chapter Newsletter goes by email only to all Atlanta Chapter ASHRAE members along with all other ASHRAE members in our area and anyone else who asks. If you need a change in our email list, please notify our Chapter Secretary at [secretary@ashraeatlanta.org](mailto:secretary@ashraeatlanta.org)

# Chapter Meeting Notice

Tuesday, January 14th, 2014 – 11:30 AM

## ASHRAE 62.1 IAQ Procedure and the Pilot Compliance Path for LEED



### January Lunch Meeting

**Speaker: Christopher Muller**

ASHRAE Standard 62.1 – The IAQ Procedure and LEED

Being able to achieve IAQ goals while reducing energy consumption is one of the more valuable aspects of using ASHRAE Standard 62.1-2013: "Ventilation for Acceptable Indoor Air Quality". By meeting the requirements of the IAQ Procedure (IAQP), one is allowed to take credit for the application of validated air cleaning technologies and reduce the amount of ventilation air that has to be heated and/or cooled.

This presentation will discuss the current status of the Indoor Air Quality Procedure, review the applicable provisions of the Standard for use with the LEED IAQP pilot program, discuss indoor air quality models in use, and provide examples where the IAQ Procedure has been successfully employed in LEED certified buildings. There will also be a discussion of current activities to make it easier to validate the IAQ Procedure and make it more useful to the engineering community.

**Speaker Bio:** Christopher O. Muller is the Technical Director at Purafil, Inc. of Doraville, GA (USA), a manufacturer of gas-phase air filtration media, filters, equipment, and air monitoring instrumentation. He is responsible for technical support services and various research and development functions. Mr. Muller chairs ASHRAE's Standard Project Committee 145P, which is developing industry standards for assessing the performance of media and equipment used in gas-phase air filtration systems. He serves on SSPC 62.1 – Ventilation for Acceptable Indoor Air Quality and TC 2.3 - Gaseous Contaminant Removal Equipment.

### Meeting Info:

Date:	Tuesday, January 14, 2013   11:30 AM – 1:00 PM
Primary Location*:	ASHRAE Headquarters, 1791 Tullie Circle NE, Atlanta, GA 30329
Cost:	\$10.00 Members / \$20.00 Non Members RSVP
Register and Pay:	<a href="http://www.ashraeatlanta.org/Events">http://www.ashraeatlanta.org/Events</a>

Please help your chapter volunteers and **register by January 10<sup>th</sup>, 2014!** This allows the chapter accurately order food from the catering company.

\*This meeting will be webcast to the Macon and Athens area. For more information contact [president@ashraeatlanta.org](mailto:president@ashraeatlanta.org)

## Chapter Technology Transfer

This Atlanta Chapter Newsletter goes by email only to all Atlanta Chapter ASHRAE members along with all other ASHRAE members in our area and anyone else who asks. If you need a change in our email list, please notify our Chapter Secretary at [secretary@ashraeatlanta.org](mailto:secretary@ashraeatlanta.org)

One Angel Square, new headquarters of the [Co-operative Group](#), has recently been dubbed the “World’s Greenest Building”.

The Building Research Establishment said the Manchester development earned the highest score ever in its BREEAM rating system for buildings, 95.16 percent. Whether that really earns it the title “[world’s greenest building](#),” as the BBC put it, might be debatable, but the building certainly boasts impressive credentials.



“This achievement of the highest score ever under BREEAM reflects an ambitious vision and commitment from The Co-operative Group and their project team. They have created a highly sustainable, extremely low carbon space. An excellent working environment with deep green credentials.”

Here’s how BRE describes the environmental features that won the building its unprecedented score:

The double skinned facade and soaring open atrium are key to creating natural heating, cooling and lighting. The atrium, for example, floods the building’s interior with light, and the facade helps to minimise heating and cooling loads.

In summer louvres at the top of the facade will open to allow the warmed air trapped between its inner and outer skins to rise up and out of the building. In winter these louvres will close so the facade can form an insulated blanket around the building.

The building has its own source of heat and power generation through a CHP (combined heat and power) plant (which uses biofuel and waste cooking oil).

Other features include:

- heat recovery from the IT systems that will also help to heat the building
- low energy LED lighting and IT equipment and systems
- greywater and rainwater recycling systems for toilet flushing and irrigation
- high efficiency passenger and service lifts.

“The Co-op,” as it’s commonly known, has 7 million-member and is in a range of businesses, most prominently food and banking. The organization said that it was counting on cutting its headquarters energy costs by 40-60 percent at the new Manchester building.

Just last month One Angel Square won the Royal Institute of Chartered Surveyors [Project of the Year award](#).

# Membership Promotion

We are finally living through Winter. So many good things and so many details that go with it. With that in mind I wish you merry and safe holidays along with a happy new year. 2014 let's make 2014 our first "recession-free" year and move on to proper times again.

## Member Updates

Well this month there's NO Chapter meeting so we can focus on enjoying the holidays and the year ending frenzy. On our next month meeting we will see our way to say hello to the following new members:

Ms. Alana Leffingwell	Mr. Abubakr Mohamed Ahmed Alzain
Ms. Sonya Parker	Mr. Ryan Blum
Mr. Derrell R Newman	Mr. Hyeun-Jun Moon
Mr. Jason Murphy	Mr. Richard E Donaldson

Thank you again for being part of our prestigious Society and especially of our Atlanta chapter, let's work together to make our chapter the leader of the region again.



Pedro Pacheco  
MP Chair Atlanta Chapter



Ted Duffy  
MP Co-Chair Atlanta Chapter

e-mail either of us at: [membership@ashraeatlanta.org](mailto:membership@ashraeatlanta.org)

Kurt Ehlers, our Public Relations Chair, invites you to:



[www.facebook.com/ASHRAEAtlanta](http://www.facebook.com/ASHRAEAtlanta)

Follow us on



<http://www.linkedin.com/groups/ASHRAE-Atlanta-Chapter-2186496>

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# Employment Opportunities

Did you know that employers post job opportunities on the Atlanta Chapter website for free?

<http://ashraeatlanta.org/JobOpportunities>

You can even subscribe to the listings to receive an e-mail any time a new listing is posted!

**NEW!** Here is a list of some of the current opportunities posted:

- Senior Manager, Building Code Compliance
- Commissioning Engineer
- Filtration Solutions Manager Professional
- Construction Field Representative
- HVAC Technical Service Advisor
- Energy Modeling Professional

# So you've joined ASHRAE...*now what?*



If you're interested in any of the following opportunities or want to learn more, contact Sarah Young ([yea@ashraeatlanta.org](mailto:yea@ashraeatlanta.org)):

- **Company Leader**
- **Event Assistance**
- **Social Media**
- **YEA Leadership Weekend**
- **YEA Co-chair**
- **Sponsor An Event**

## YEA EVENTS 2014

Mark your calendars – you won't want to miss out on these great networking events!

These dates are subject to change, but as usual reminder emails will be sent and you can always find the latest information on our Atlanta ASHRAE page (<http://www.ashraeatlanta.org/>) or on our Facebook page!

Please contact Sarah Young ([yea@ashraeatlanta.org](mailto:yea@ashraeatlanta.org)) with any questions or comments.

DATE	EVENT (GENERAL LOCATION)
January 23 – Thursday	Sweetwater Brewery Tour (Midtown)
February 19 – Wednesday	Trivia Night At Hand In Hand (Virginia Highlands)
March 11 – Tuesday	Bocce Ball At Ormsby's (Midtown)
April 12 – Saturday	Habitat For Humanity (TBD)
May 13 – Tuesday	GT vs. GA Classic For Kids (Turner Field)

## 2013-2014 Research Promotion Campaign's Contributors

### Company Research Associates (\$2500 and greater)

### Company / Individual Major Donor Silver and Bronze (\$500 - \$2499)

Mr. Steven F Bruning  
Lincoln Associates

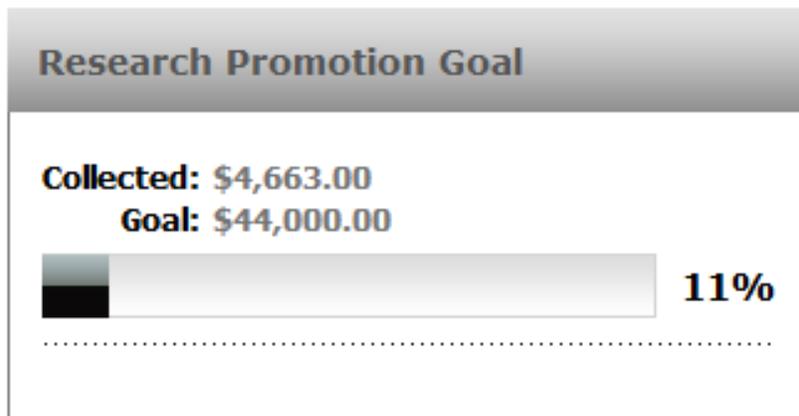
### Company / Individual Major Donor (\$250 - \$499)

Dr Sheldon M Jeter, PhD

### Company / Individual Honor Roll Donor (\$100 - \$249)

Mr Jason K Clifton  
Mr Edwin E Hill  
Mr Mark A Dahir  
Mr Thomas S Kisgen, PE  
Mr Michael R Vaughn  
Mr Ignatius Nicholas Kassanis  
Miss Pamela L Androff, PE  
Mr. Patrick J McCabe  
Mr. William Howestein

Mr. Kurt M Ehlers  
Mr. John D Pruitt  
Mr. Charles A Miltiades  
Ms. Pamela M Immekus  
Mr Richard Lee Dustin  
HESM & A Inc  
Mr Brian K Justice  
Ms Peggy J Fritz  
Ms Caroline C Calloway



Please visit [ashrae.org/donate](http://ashrae.org/donate) to contribute and be sure to specify ATLANTA Chapter!

# GRASSROOTS GOVERNMENT ACTIVITIES COMMITTEE

## Numerous Tax Provisions Expire At Year End

The 112<sup>th</sup> congress has had a rather controversial agenda this year, with efficiency initiatives often taking the backseat to partisanship. *The Energy Savings and Industrial Competitiveness Act* (Shaheen-Portman, S. 761) was a key piece of bipartisan legislation that included several amendments to extend/expand soon-to-be expiring tax incentives. Unfortunately, Shaheen-Portman did not receive adequate attention due to other looming congressional issues, e.g. *The Affordable Care Act*, the debt ceiling and the resulting government shutdown to name a few.



On December 31<sup>st</sup> several tax provisions relevant to the building community will expire unless last minute action is taken by congress. Below is a brief overview of relevant industry tax incentives set to expire at yearend:

### Expiring credits

- *The nonbusiness energy property credit*: A credit of 10% of qualified improvements and expenditures, subject to a lifetime maximum (Sec. 25C).
- *The research and development credit*: A credit of 20% of research expenses over a base amount. This credit has expired and been renewed many times in the past (Sec. 41).
- *New energy-efficient homes credit*: A credit for each qualified new energy-efficient home constructed by an eligible contractor and acquired by a person from the eligible contractor for use as a residence during the tax year (Sec. 45L(g)).
- *Energy-efficient appliances credit*: A credit for qualified energy-efficient appliances produced by the taxpayer (Sec. 45M).

### Expiring deductions and depreciation

- *Bonus 50% first-year depreciation*: Provides a depreciation deduction equal to 50% of the adjusted basis of qualifying property in the first year the property is placed in service (Sec. 168(k)).
- *The \$500,000 expensing limit and \$2,000,000 phaseout threshold and expanded definition of Sec. 179 property*: Expensing limit will be reduced to \$25,000; phaseout threshold will drop to \$200,000; and qualified real property will no longer be eligible for the Sec. 179 deduction (Sec. 179).
- *Fifteen-year straight-line cost recovery for certain improvements*: Allows taxpayers to use 15-year straight-line recovery for qualified leasehold improvements, qualified restaurant buildings and improvements, and qualified retail improvements (Secs. 168(e)(3)(E) and 168(e)(7)(A)).
- *The energy-efficient commercial buildings deduction*: Permits businesses to deduct the cost of energy-efficient commercial building property placed in service during the year, up to a limit of \$1.80 per square foot and limited by prior Sec. 179D deductions on the building (Sec. 179D)

Please contact me if you have any question or concern regarding the information provided above.

Happy Holidays!



Regards,

Jay Perkins, JD  
 ASHRAE Atlanta GGAC Chair  
[jdperkins@hvac.me.com](mailto:jdperkins@hvac.me.com)



## Magnolia Moments

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*more than an unforgettable meal . . . serving ASHRAE Atlanta for 5 years*

we would love to cater for your upcoming events!

- ◆ Holiday Parties
- ◆ Corporate Events
- ◆ Graduation Parties
- ◆ Christenings
- ◆ Weddings
- ◆ Dinner Parties

404/626-5111

*marymiltiades@gmail.com*

# Student Activities

Congratulations to the University of Georgia student branch on being awarded a grant as a part of the Senior Undergraduate Grant program.

UGA was awarded a \$5,000 grant for a project titled, “An alternate method to estimating room occupancy for demand controlled ventilation.”

We are pleased to also be supporting the travel of a UGA student to the ASHRAE winter conference.

We are very proud of our UGA student branch for achieving this accomplishment. Special thanks to Dr. Tom Lawrence, the faculty advisor for the branch, for his ongoing assistance and oversight of activities.

# History Corner

Please check the “Leadership Recall Interviews” section in the Atlanta Chapter Website to see a 1996 interview of 91 year-old Bill McKinney. Dan McNeil, the Chapter Historian at that time, conducted this interview, which runs approximately 18 minutes. This interview provides great insight into the differences between modern air conditioning and the early days of the industry. On the Chapter website, click on “About us” then on “History” and then on “Leadership Recall Interviews”.

## Reminder

We will be having our annual Past Presidents and Life Members Luncheon on March 14 at 11:30 am at Villa Christina. Please save the date and plan to attend.



Edward Hunda  
Atlanta Chapter History Chair



Scott McClure  
Atlanta Chapter History Co - Chair

## SAVE THE DATE

**The ATLANTA Chapter of ASHRAE invites you to join us...**

**What: “ The Past Presidents and Lifetime Members Luncheon ”**

**Who: All ASHRAE Past Presidents, ASHRAE Life Members and 50 plus year members**

**When: Friday, March 14<sup>th</sup> 2014 starting at 11:30am**

**Where: Villa Christina (located at 285 and Ashford Dunwoody Rd – map enclosed)  
4000 Summit Boulevard  
Atlanta, Ga. 30319**

**Tel. 404-303-0133**

The meal will be provided at no charge, compliments of the Atlanta Chapter of ASHRAE.

Please join us for a great meal, time to mingle with friends and share our ASHRAE experiences.

We look forward to seeing you there!

Please email [edhunda@workingbuildings.com](mailto:edhunda@workingbuildings.com) or call 678-990-4319 to register.

Best regards,

Edward Hunda -Atlanta ASHRAE History Chair 678-990-4319

Scott McClure -Atlanta ASHRAE History Co-Chair 678-990-4319

PS- If you are in need of a ride, please let us know and we will make arrangements.

**Atlanta ASHRAE – Luncheon March 14<sup>th</sup>, 2014 11:30am**

PLEASE RETURN TO:

Edward Hunda

fax: 678-990-5399

**E-mail: [edhunda@workingbuildings.com](mailto:edhunda@workingbuildings.com)**

Or

Scott McClure

**[wsmcclure@workingbuildings.com](mailto:wsmcclure@workingbuildings.com)**

**PLEASE RSVP below:**

PLEASE PRINT OR TYPE

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Do you need a ride? \_\_\_\_\_

Do you have any special dietary requirements? \_\_\_\_\_

# Product Directory

As a service to our Atlanta Chapter members, every other year we compile a Product Directory. The Product Directory is a tool to assist designers in identifying the companies and individuals who represent specific products or manufacturers.

Our Product Directory is **virtual**- available to you via our Atlanta Chapter Website. You can access it by visiting:

<http://ashraeatlanta.org/DirectoryofProducts>



Pamela Androff  
[View profile](#)  
[Change password](#)



**Product Directory**

Search for your local manufacturer's representative here. Click the "**Advanced Search**" option to find a specific type of product.

The directory will now be posted in an online format that will be searchable by over 1800 members and non-members that participate in the Atlanta Chapter.

[Advanced search...](#)

Search:  Found: **14**

Enter a search term here!



## **How to Join ASHRAE?**

Go to <http://www.ashraeatlanta.org/> to start the process, click “Membership” on the horizontal menu bar. On the pull down menu, click “Join”. Enter your email address in the box “Verify your E-mail status”. A prospective member will then be directed to enter his or her email information. As a new member, your address will not be recognized, and you will be invited to “Register Now”. After you complete registration, you will be directed to the Individual Information page where you can finally select “Join ASHRAE”!

## **Web Sites Reference List**

Again this year, our use of the Internet to further embrace our goal of Modeling a Sustainable World will be continued. Please use the web sites listed below:

1. RSVP and prepay for each event through the Atlanta ASHRAE <http://www.ashraeatlanta.org/>. For events where meals are served, you must at least RSVP to ensure that there will be a meal for you. We encourage you to prepay, as this will speed your way through the check-in process.
2. Pay your Chapter dues of \$40 per year directly to the chapter: <http://www.ashraeatlanta.org/Membership>. These dues are in addition to your Society dues and help fund the Chapter’s programs and outreach.
3. Donate to ASHRAE Research Promotion. We have a fundraising goal of \$44,000 this year, so please do what you can to help fund ASHRAE research. Donate here: <http://www.ashraeatlanta.org/Default.aspx?pagelId=748082>
4. Join the “ASHRAE Atlanta Chapter” group on LinkedIn at <http://www.linkedin.com/>.
5. Access the Product Directory online at the Atlanta ASHRAE website. Please note that this feature is in the process of being updated.

## CHAPTER OFFICERS 2013-2014



**Brian Justice – President Elect**  
[presidentelect@ashraeatlanta.org](mailto:presidentelect@ashraeatlanta.org)

Brian has been a member of ASHRAE for 8 years. He has served the Atlanta Chapter as Secretary, Treasurer, Research Promotion Chair for 2 years and Research Promotion Co-Chair 1 year. Brian brings 22 years experience in refrigeration & HVAC as a design engineer, applications engineer, consultant, and regional manager. He has worked for companies such as Hussmann, Carrier, Lennox, AAON, and now Joe Powell and Associates. Brian earned his Bachelor of Science degree in Physics from Presbyterian College, a Bachelor of Science degree in Mechanical Engineering from Clemson University, and a Master's in Business Administration from Brenau University.



**John Pruitt – Treasurer**  
[treasurer@ashraeatlanta.org](mailto:treasurer@ashraeatlanta.org)

John has been a member of ASHRAE for 6 years. He has served the Atlanta Chapter as Research Promotion Chair for 2 years and Secretary for 1 year. John Graduated from Georgia Tech in 1998 with a Mechanical Engineering degree. Since graduating, he has worked with Johnson Controls in Atlanta as a project manager and account executive. John Lives in Marietta and is married with 3 daughters.



**Rick Dustin – Secretary**  
[secretary@ashraeatlanta.org](mailto:secretary@ashraeatlanta.org)

Rick is a graduate of Georgia Institute of Technology with a Bachelor of Mechanical Engineering. He is currently the Director of Engineering at McKenney's, Inc. with responsibility for the HVAC & Plumbing design team as well as the Building Information Modeling (BIM) team. He was a cooperative education student with McKenney's in college and has been employed full time for 21 years. Rick has been a member of ASHRAE for 20 years and has served on the Board of Governors for the local chapter.

## OFFICER DIRECTORY – 2013-2014

Office:	BOG	Name:	Email:
President / CRC Alternate	X	Pamela Androff	<a href="mailto:president@ashraeatlanta.org">president@ashraeatlanta.org</a>
Vice President / President Elect	X	Brian Justice	<a href="mailto:Justicebrian@charter.net">Justicebrian@charter.net</a>
Treasurer	X	John Pruitt	<a href="mailto:john.d.pruitt@jci.com">john.d.pruitt@jci.com</a>
Secretary / PAOE	X	Rick Dustin	<a href="mailto:rick.dustin@mckenneys.com">rick.dustin@mckenneys.com</a>
Past President 2012-13/CRC Delegate	X	Charles Miltiades***	<a href="mailto:charlesmiltiades@gmail.com">charlesmiltiades@gmail.com</a>
BOG	X	Charlie Fischer***	<a href="mailto:charles.h.fischer@jci.com">charles.h.fischer@jci.com</a>
CTTC and Programs Chair	X	Tony Martin	<a href="mailto:aemartin@workingbuildings.com">aemartin@workingbuildings.com</a>
MP Co-Chair		Henry Slack	<a href="mailto:slack.henry@epa.gov">slack.henry@epa.gov</a>
Membership Promotion		Pedro Pacheco	<a href="mailto:pedro.pacheco@obg.com">pedro.pacheco@obg.com</a>
MP Co-Chair		Ted Duffy	<a href="mailto:ted.duffy@gmail.com">ted.duffy@gmail.com</a>
Honors & Awards		Samir Sheth	<a href="mailto:ssheth@itsmarta.com">ssheth@itsmarta.com</a>
Honors & Awards Co-Chair		<b>VACANT</b>	
Student Activities		Matt Hunt	<a href="mailto:mhunt611@gmail.com">mhunt611@gmail.com</a>
Student Activities Co-Chair		Jimmy Smith	<a href="mailto:smithjij@pondco.com">smithjij@pondco.com</a>
Historian		Ed Hunda	<a href="mailto:edhunda@workingbuildings.com">edhunda@workingbuildings.com</a>
Co-Chair		Scott McClure	
Research Promotion		Nick Kassanis	<a href="mailto:inkassanis@workingbuildings.com">inkassanis@workingbuildings.com</a>
RP Co-Chair (Product Database)		Kurt Ehlers	
Refrigeration	X	Mark Dahir	<a href="mailto:markd@jmpco.com">markd@jmpco.com</a>
Refrigeration Co-Chair		Gerard Roth	<a href="mailto:gproth@workingbuildings.com">gproth@workingbuildings.com</a>
YEA Chair		Sarah Young	<a href="mailto:syoung@dlbassociates.com">syoung@dlbassociates.com</a>
YEA Co-Chair		Allison Briede	<a href="mailto:aabriede@workingbuildings.com">aabriede@workingbuildings.com</a>
Government Grassroots Activities Committee		Jay Perkins	<a href="mailto:jdperkins@hvac.me.com">jdperkins@hvac.me.com</a>
Macon Section		Caroline Calloway***	<a href="mailto:caroline@callowayes.com">caroline@callowayes.com</a>
Attendance/Reception		Danny Cobucci	<a href="mailto:dannycobucci1@bellsouth.net">dannycobucci1@bellsouth.net</a>
Attendance and Reception V. Chair		Darrell Sandlin	<a href="mailto:dsandlin@nexant.com">dsandlin@nexant.com</a>
Spring Outing	X	Glenn Northrup***	<a href="mailto:gnorthrup@georgiaairassociates.com">gnorthrup@georgiaairassociates.com</a>
GEF		John Boneberg	<a href="mailto:john.boneberg@obg.com">john.boneberg@obg.com</a>
E-week		Brendan Gardes	<a href="mailto:bgardes@dlbassociates.com">bgardes@dlbassociates.com</a>
Ways and Means/Audit Committee	X	Pat McCabe***	<a href="mailto:pjmccabe@charter.net">pjmccabe@charter.net</a>
Holiday Party Activist		John McFarland***	<a href="mailto:jkmcfarland@workingbuildings.com">jkmcfarland@workingbuildings.com</a>
Holiday Party Activist		Michael Dudley***	
Region IV RVC History		Pam Immekus***	<a href="mailto:pam@leppardjohnson.com">pam@leppardjohnson.com</a>
Region IV RVC Student Activities		Peggy Fritz***	<a href="mailto:pjf41@att.net">pjf41@att.net</a>
Region IV RVC CTTC		Harris Sheinman***	<a href="mailto:HSheinma@heery.com">HSheinma@heery.com</a>
Region IV Nominating Committee Member		Caroline Calloway***	<a href="mailto:cccalloway@bellsouth.net">cccalloway@bellsouth.net</a>
2015 Annual Chair		Pam Immekus	<a href="mailto:pam@leppardjohnson.com">pam@leppardjohnson.com</a>

\*\*\* Indicates a former Atlanta Chapter President.

# Industry Opportunities

## ASHRAE Winter Conference and AHR Expo

Join  
ASHRAE  
at its

2014 Winter Conference and AHR Expo in New York!

Conference Jan. 18–22 | AHR Expo Jan. 21–23

[www.ashrae.org/newyork](http://www.ashrae.org/newyork)



Special first timer registration fee available!

**Technical Program**—features a building-oriented theme, featuring tracks on building information systems; environmental health; international design; and, featured for this Conference, tall building performance.

**AHR Expo**—The ASHRAE co-sponsored AHR Expo takes place Jan. 21–23 (NOTE DAY CHANGE: Tuesday, Wednesday, Thursday) at Javits Convention Center. [www.ahrexpo.com](http://www.ahrexpo.com)

**ASHRAE Certification**—all six certification programs are being offered: Building Energy Assessment Professional; Building Energy Modeling Professional; Commissioning Process Management Professional; High-Performance Building Design Professional; Healthcare Facility Design Professional; and Operations & Performance Management Professional.

**ASHRAE Learning Institute**—23 Professional Development Seminars and Short Courses are offered, including 11 new courses that include Standards 55 and 90.1, electric rates and regulations, health care facilities, building energy audits and ground source heat pumps.

