September 14, 2010 Chapter Meeting Notice

*** You MUST RSVP if you plan to attend the meeting. Please email Charles Fischer at charles.h.fischer@jci.com. Also, you can prepay and RSVP on line at www.ashraeatlanta.org/meetings.html. This helps the chapter accurately order food from the catering company.***

Lunch Meeting: 11:30 AM – 1:00 PM

Topic: High Performance Buildings – Panel Discussion

Panelist: Mike Bota, ACE  
John Bracy, South Face  
TBD, Epsten Group

Location: ASHRAE Headquarters  
1791 Tullie Circle NE  
Atlanta, GA 30329

Emphasis: Honors & Awards, Membership & Promotion

Cost: $10.00 Members/$20.00 Non Members  
(RSVP online at ashraeatlanta.org/meetings.html)

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**Please visit our new website for up-to-date chapter and meeting information at www.ashraeatlanta.org**
Directions to ASHRAE Headquarters

ASHRAE Headquarters is located at 1791 Tullie Circle and the building fronts the northbound access road next to Interstate 85 just north of North Druid Hills Road (Exit 89). We are 18 miles north of Hartsfield-Jackson International Airport, near Emory University and the Centers for Disease Control.

From I-85 northbound:
- Take Exit 89 (North Druid Hills Road).
- Turn right at the light onto North Druid Hills Road.
- At the next light, turn left onto Tullie Road. Continue on Tullie Road until you reach a stop sign.
- Turn left onto Tullie Circle NE.
- The main entrance to ASHRAE Headquarters is on the right.

From I-85 southbound:
- Take Exit 89 (North Druid Hills Road).
- Turn left at the light onto North Druid Hills Road.
- Go straight through the next light at the access road to I-85 northbound.
- At the second light, turn left onto Tullie Road.
- Continue on Tullie Road until you reach a stop sign.
- Turn left onto Tullie Circle NE.
- The main entrance to ASHRAE Headquarters is on the right.

Click here to view on the Web:
http://www.ashrae.org/contactus/page/1451
PRESIDENT’S MESSAGE

I hope your summer was as fun and exciting as mine. Now, it is that time of the year where we begin on a new and exciting journey within the ASHRAE community. But first, I would like to welcome new and returning members.

Our officers and committee persons are in place and busy finalizing this year’s upcoming activities. My focus as the Atlanta Chapter President is to ensure that we as a chapter fill the needs of its members by providing meaningful programs and resources for all. ASHRAE’s national theme for this year has been set forth by the national president of ASHRAE, Lynn G. Bellenger. Lynn has designated this year’s theme as “Modeling a Sustainable World.” The goal of this theme is to highlight the role ASHRAE members play as leaders in sustainable design. As you will see in the coming months, the programs and seminars will focus on this theme.

Our first meeting will be held on Tuesday, September 14, 2010. This will be a lunch meeting held at ASHRAE Headquarters from 11:30 am to 1:00pm.

In keeping with the sustainable theme, the topic of our first meeting is titled, “High Performance Buildings.” This meeting will feature three panelists from the local engineering and design community. The panelist will focus on how to design, construct and operate a building in a manner that increases environmental performance and economic value over time.

Many times in the engineering community, we are tasked with providing engineering solutions to complex problems. In doing so, we may not know what the best possible solutions are from an energy and economic conservation perspective. Where can we go to gain a greater understanding of these ideas? The answer to these questions will be provided at the September meeting.

We expect to learn a lot as you, our members, tell us what you like and dislike about this year’s events. I am extremely honored to serve as your chapter president for the 2010-2011 year. Your feedback and comments are essential to making this year an informative and successful campaign.

Michael E. Dudley
medudley@workingbuildings.com
Atlanta Chapter President 2010-2011

Chapter may not act for the Society
Charlie Fischer - President-Elect
charles.h.fischer@jci.com
770-870-2620

Background: Charlie graduated from Georgia Tech in 2001 with a bachelor’s degree in Electrical Engineering and a Certificate in Engineering Entrepreneurship. After graduation, Charlie entered the sales engineer training program for York International in York, PA. Charlie returned to Atlanta after several months of training and began work as an account executive for York International. Charlie has worked for Johnson Controls/York for the past 9 years. In 2009, Charlie became LEED Accredited.

Personal: Charlie grew up in Panama City, FL where he discovered a passion for the beach. He enjoys playing golf, following Georgia Tech Athletics, and spending time with his beautiful wife and super-intelligent children.

Charles Miltiades– Treasurer
charlesmiltiades@gmail.com
678-376-1364

Background: I graduated from Georgia Tech in 2002 with an Industrial & Systems Engineering Degree. He earned an MBA from Kennesaw State University in 2008 and was inducted to the Beta Gamma Sigma business honors fraternity. I have worked in the HVAC industry for 11 years in both sales and engineering roles.

Personal: I have been a member of ASHRAE since 2006 and have held numerous positions.

Pamela Androff EIT, Leed AP – Secretary
pandroff@newcomb-boyd.com
404-730-8597

Background: I graduated in 2008 from the University of Central Florida with my B.S. in Mechanical Engineering. I moved to Atlanta for my current position as a Mechanical Engineer with Newcomb & Boyd. As a designer with the firm, I have had the opportunity to work on various types of projects including institutional buildings, laboratories, and government projects. I earned my LEED AP in March 2009 and became an EIT in April 2009. I have been involved in ASHRAE since 2007, when I was a student at UCF. I took part in the ASHRAE design competition, became the society’s WISE intern in Summer 2008, and earned a scholarship from the ASHRAE Central Florida chapter in Fall 2008. In addition to my current roles at the Atlanta chapter, I serve as a member of the Conferences and Exposition Committee, and stay current with multiple Technical Committees.

Personal: I live in Midtown and make the most of it by attending various festivals and cultural events that make their way to the city. I love trying out new restaurants in the city and have an infinitely long “to-try” list. I enjoy team trivia, Braves games, and spending time at Piedmont Park.

Priscilla Harmon – Programs
pharmon@sw-sn.com
404-521-6362

BACKGROUND: I graduated from Georgia Tech in 2004 with a degree in Mechanical Engineering. I’ve worked for mechanical contractors and consulting firms. In 2007, I joined Stevens & Wilkinson and have worked on numerous commercial and military projects, large and small. In 2008, I obtained my professional engineering license.

PERSONAL: I enjoy running, doing triathlons, and watching Georgia Tech sports. I am very excited to serve as your Programs Chair person for this year.
RED CROSS BLOOD DRIVE

Heads up TO ALL chapter members. The Red Cross has requested ASHRAE to sponsor another blood drive, as blood supplies are VERY LOW. The date is Monday, August 23 from 9am to 1:30pm. Please mark your calendar as a reminder if you’ll be donating blood.

Contact Nancy Thysell at 404-636-8400 regarding an appointment time and details.

Thanks!

Nancy Thysell, Typographer
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

Phone: 404-636-8400 x1208
Fax: 678-539-2208
email: thysell@ashrae.org
Web: www.ASHRAE.org
Join the Georgia Solar Energy Association for Solar Summit 2010, as we bring together an outstanding group of industry leaders to move Georgia towards a more sustainable future, incorporating solar energy.

Four panels will each focus on the separate challenges and opportunities for economic and job growth in the solar-rich south. Nationally, Georgia ranks 11th in the nation for the amount of sunshine it gets per day, yet we rank 39th in the nation for solar power generation, far behind New Jersey and North Carolina.

The summit will feature a host of public policy and utilities experts from around the southeast to discuss the growth of solar, the obstacles to adoption and how businesses and consumers can lead Georgia towards greater energy security and independence.

August 19th- Solar Summit Atlanta
- 999 Peachtree St NE, Atlanta GA 30309
  8AM - 4:30PM
  Attendance $50

August 25th- Solar Summit Savannah
  part of the Georgia Environmental Conference
  - Hyatt Regency Riverfront
    2 West Bay Street, Savannah GA 31401
    8AM - 12NOON

Atlanta Agenda - Thursday August 19th

- 8AM - 8:15 Networking & Coffee
- 8:15 - 8:30 Welcome & Intro- Walter Brown - Chairman, GSEA & James Marlow, Vice Chair
- 8:30 - 9:15 Keynote Speaker- Bubba McDonald, Public Service Commission
9:15 - 10:45 Solar Policy Experts Panel: Join a lively discussion of national, regional and state solar policy, with experts from the National Renewable Energy Laboratory, Georgia Environmental Finance Authority, large scale solar developers and Georgia Institute of Technology. Learn about the kinds of policies that are facilitating solar growth now and what can be done in Georgia to increase solar project development here.

10:45 - 12:00 Utilities Panel: The utilities panel will explore how utility companies in the southeast and nationally have successfully produced large-scale solar arrays and customer programs. Panelists will also share the benefits these projects have brought to the region in jobs, and economic development.

12:00 - 1:00 Lunch & Keynote Speaker - David Kirkpatrick, Managing Director, SJF Ventures

1:00 - 2:15 Economic Development Panel: Georgia has always been a strong transportation hub and is further attractive to businesses because of low land, rent and labor costs. These incentives are just as attractive to solar companies as any other, and Georgia is seeing a large number of solar companies and jobs moving in. However, with minor changes to public policy and regulation, we can remove obstacles to the growth of our solar industry and increase the number of jobs in Georgia dramatically. Hear from key leaders in economic development about what is working and what more can be done.

2:30 - 3:45 Elected Officials Panel: Hear from key Georgia political leaders about what is being done to help grow a solar industry in Georgia, as well as the challenges and barriers faced in the legislature and Public Service Commission that currently impede progress.


4:15 - 6PM Business Networking & Social Happy Hour

REGISTER NOW

Savannah Agenda - Wednesday, August 25th

8AM - 8:15 Networking & Coffee

8:15 - 8:30 Welcome & Intro - James Marlow, Vice Chair-GSEA & Michelle Conlan - Board Member

8:30 - 9:15 Keynote Speaker - Dr. Sydney Smith, 1.25MW Solar Farm Developer

9:15 - 10:45 Solar Policy Experts Panel: Join a lively discussion of national, regional and state solar policy, with experts & large scale solar developers. Learn about the kinds of policies that are facilitating solar growth now and what can be done in Georgia to increase solar project development here.

10:45 - 12:00 Economic Development Panel: Georgia has always been a strong transportation hub and is further attractive to businesses because of low land, rent and labor costs. These incentives are just as attractive to solar companies as any other, and Georgia is seeing a large number of solar companies and jobs moving in. However, with minor changes to public policy and regulation, we can remove obstacles to the growth of our solar industry and increase the number of jobs in Georgia dramatically. Hear from key leaders in economic development about what is working and what more can be done.

REGISTER NOW
***Research Promotion Highlights***

**Your Research Promotion Efforts for the Past Year and a Look At What’s to Come!**

The region reached their goal and raised $175,000.
The Atlanta chapter beat their goal of $44,000 and raised $45,201.
The Atlanta chapter hit its' high five goal - 5% more than raised in the past 5 years.
Thanks to everyone who gave and helped us achieve these goals.

Our goal for this 2010-2011 year is again $44,000.
We look forward to your support to have another stellar year.

And finally, clear your calendars for this years fall golf outing which will take place in early October.
Details to follow.

Thank You
<table>
<thead>
<tr>
<th>DATE OF MEETING</th>
<th>EMPHASIS NIGHT</th>
<th>LUNCH MEETING 11:30 am to 1:00 pm</th>
<th>EDUCATIONAL SEMINAR 1:30 TO 4:30 pm</th>
<th>DINNER MEETING 6:30 TO 8:00 pm</th>
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<tbody>
<tr>
<td>TUESDAY 9/14/2010</td>
<td>Honors &amp; Awards and Membership Promotion</td>
<td>Mike Bota, Energy Ace / John Bracey, Southface / TBD, Epsten Group</td>
<td>High Performance Buildings</td>
<td>Speaker TBD</td>
</tr>
<tr>
<td>TUESDAY 10/12/2010</td>
<td>Research Promotion and Student Activities</td>
<td>Speaker TBD</td>
<td>Mold and Legal Issues</td>
<td>Speaker TBD</td>
</tr>
<tr>
<td>TUESDAY 11/9/2010</td>
<td>Young Engineers in ASHRAE</td>
<td>Speaker TBD</td>
<td>Speaker TBD</td>
<td>Speaker TBD</td>
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<td>FRIDAY 12/3/2010</td>
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<td>Holiday Party, Red &amp; Green Scene w/ USGBC, at Mason Murer Fine Art Gallery</td>
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<td>TUESDAY 1/11/2011</td>
<td>Membership Promotion</td>
<td>Speaker(s) TBD</td>
<td>Why Commissioning is Here to Stay - Round Table</td>
<td>Speaker(s) TBD</td>
</tr>
<tr>
<td>TUESDAY 3/8/2011</td>
<td>Research Promotion and Student Activities</td>
<td>Speaker(s) TBD</td>
<td>Back-to-Basics</td>
<td>Tom Lawrence, University of GA</td>
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<tr>
<td>TUESDAY 4/12/2011</td>
<td>Young Engineers in ASHRAE</td>
<td>Speaker TBD</td>
<td>TBD</td>
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<tr>
<td>5/2011</td>
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<td>May Outing, Location, Date and Time TBD</td>
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<tr>
<td>TUESDAY 5/10/2011</td>
<td>Speaker TBD</td>
<td>Building Energy Quotient</td>
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UGA Engineering Faculty Member Receives ASHRAE Distinguished Service Award

ALBUQUERQUE Thomas M. Lawrence, Ph.D., P.E., has received a Distinguished Service Award from the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) at the Society’s 2010 Annual Conference held here June 26-30.

The Distinguished Service Award salutes members of any grade for giving freely of their time and talent on behalf of the Society. The honor recognizes participation in chapter, regional and Society activities.

Lawrence is a public service associate, faculty of engineering, University of Georgia, Athens.

Lawrence said he traded the corporate world for an academic position for two reasons during the second half of his career. The first was to help refocus on environmental issues such as green buildings and energy efficiency. He is proud to be a contributor to development of Standard 189.1 and is also helping institutionalize the green building arena within ASHRAE, such as formation of technical committee 2.8, Building Environmental Impacts and Sustainability, which he currently chairs. Lawrence’s second reason for switching career fields was to help
guide the next generation of engineers and lead them into the industry and ASHRAE. He helped form a student branch at the University. He has led several students to the industry and this spring serves as faculty mentor for a group of students entering the 2010 ASHRAE Student Design Competition.

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

###

Shown with Tom is 2009-10 President Gordon Holness (left) and executive vice president Jeff Littleton.
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 website [http://www.ashraeatlanta.org](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 at [http://www.ashraeatlanta.org/membership.html](http://www.ashraeatlanta.org/membership.html). These dues are in addition to your Society dues and help fund the Chapter's programs and outreach.

3) Donate to ASHRAE Research Promotion at [http://www.ashraeatlanta.org/research.html](http://www.ashraeatlanta.org/research.html). We have a fundraising goal of $44,000 this year, so please do what you can to help fund ASHRAE research.

4) Join the “ASHRAE Atlanta Chapter” group on LinkedIn [http://www.linkedin.com](http://www.linkedin.com).

5) Access the Product Directory online at the Atlanta ASHRAE website. Updates will be done on a regular basis to keep it current with our changing industry.
Chapter Regional Conference (CRC) Update

Well this year’s Chapter Regional Conference has come and gone. The conference was held in Greensboro, NC on August 5th, 6th and 7th. For those of you that attended the conference I know you had a great time. While we came in second place for the prestigious Rudy Award we still had a banner year.

What is CRC?
ASHRAE is a non profit organization broken up into regions. ASHRAE Region IV encompasses all of NC, SC, and GA. The annual CRC is where area HVAC engineers, manufacturers, representatives and contractors meet to do regional ASHRAE business, take continuing education courses, train new officers, present awards, catch up with old friends, make new friends and simply have a good time.

Some highlights from the previous year are as follows:
Meeting attendance was up by 92% from the previous year
Budget was up by 66% from the previous year
Research Promotion goal was made and surpassed from the previous 5 years

Now it’s time to roll up our sleeves and apply what we've learned. We look forward to having another great year.

Michael E. Dudley
medudley@workingbuildings.com
ASHRAE Atlanta Chapter President 2010-2011

MEMBERSHIP ACHIEVEMENT

Reported by Pamela L. Androff

60 Years
Daniel C McNeil, Life Member, Regional Award of Merit (1981), Distinguished Service Award (1992) , Distinguished 50 Year Member (2000), Chapter Service Award (2003)

45 Years
Harry Lockwood, Life Member
David M McKenney, Life Member, ASHRAE/ALCO (2006)

25 Years
Catherine Cornelius, Member
James Poulin, Member
Richard F Pressley, Jr, Associate Member, Chapter Service Award (2005)
Kelly L Walden, Member

20 Years
David K Hinde, Member
Randall W Rimes, Member

10 Years
Gary Eppley, Member
John L Kraus, Associate Member
David K Spruill, Associate Member
*****Young Engineers in ASHRAE (YEA) Event*****

**Don’t miss the Fall 2010 YEA Leadership Weekend**

The fall 2010 Leadership Weekend is scheduled for October 1-3 in Atlanta, GA. This year’s facilitator will be Atlanta-based ASHRAE member Barry Benator, who owns a leadership and management consulting firm called Benatech, Inc. If you have any questions, please contact Colleen Knight at cknigh@ashrae.org.

For the schedule of events and the registration form follow the link below.

http://www.ashrae.org/members/page/861 or log on to ASHRAE.org and click on the Young Engineers in ASHRAE under the Membership tab.

Presentation of the ASHRAE - George B. Hightower Scholarship

This is Pamela Androff (Right) presenting the ASHRAE - George B. Hightower Scholarship to Ashley Babcock (Left) at the Georgia Engineering Foundation Banquet.
Resume Listing

If you would like to post your resume in the T’Stat, please email your resume in a pdf file to Dr. Sheldon Jeter at sheldon.jeter@me.gatech.edu or
To Regina Neequaye @ rneequaye@yahoo.com.
Melissa G. Wise  
mgwise1@bellsouth.net

Permanent Address: 4126 English Valley Dr., Ellenwood, GA 30294  (404) 212-2211(home)  (770) 861-2421(cell)

Objective: To obtain a position as an entry level engineer that will allow me to utilize my engineering skills for company benefit and further my experience while en route to obtaining my Professional Engineer’s License

Education:
Spelman College/North Carolina A&T State University  
(Atlanta University Center Dual Degree Engineering Program)

**BACHELOR OF SCIENCE IN GENERAL SCIENCE –SPELMAN COLLEGE**  
**BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING (Cum Laude) – NORTH CAROLINA A&T**


Skills: AutoDesk Land Desktop, AutoCAD, Sketch-Up, 3-D Studio, MS Windows XP, MS Office, WordPerfect, Maple, ELITE, Box Car Pro

Experience:

**Research (HVAC/ENERGY), North Carolina A&T State University & Proximity Hotel**  
Summer 2008
- Monitored the efficiency of various mechanical equipment
- Collected wide range of data to be compiled into spreadsheets and graphic analysis
- Prepared reports on proposed thesis in evaluating the energy efficiency of HVAC system in preparation for the hotel’s LEED Platinum Certification

**Intern, Pyramid Engineering & Development, Inc. LLC – Decatur, GA.**  
- Assisted in the planning and designing of various projects to be submitted to the county for review
- Sketched drawings in AutoDesk Land Desktop to show the multiple layers of the construction site
- Reviewed surveyor information and drawings to construct contours, note soil variations and align existing pipeline
- Determined proposed contours, storm drain, sanitary sewer, and pipeline for sites
- Researched county requirements for building’s construction
- Visited sites for progress review and contour development
- Conducted and trained new employees in administrative duties: scheduled meeting with clients, created and updated client invoices, tracked project hours, created and maintained filing system of proposals and all project paper work

**Senior Project, North Carolina A&T State University**
- Designed an energy efficient HVAC system for a four story office building
- Determined the loads of the building using Elite Software
- Sized VAV boxes, heating coils, duct work
- Determined supply, exhaust and return for zones

Honors/Awards:
- **Academic Scholarship Award** - Poplar Springs Baptist Church
- **Book Award** - Spelman College National Alumnae Association/Decatur Chapter
- **Scholarship Recipient** – AUC Dual Degree Engineering Program
- **Scholarship Recipient** – Georgia Power
- **John Williams Scholarship** – NCA&T CAAE Department
- **Book Award Scholarship** - Atlanta Delta Life Development Ctr Engineering Program
- **Honor Roll and Outstanding Student** - AUC Dual Degree Engineering Program
- **Honor Roll and Dean’s List** - Spelman College
- **Honor Roll and Dean’s List** – North Carolina A&T State University

Activities:
- Society of Women Engineers(SWE)
- **COMMUNITY SERVICE CHAIR** Amer. Institute for Architecture Students (AIAS)
- **CAPTAIN**, Cheerleading Squad - Spelman College
- American Society of Heating Refrigerating and Air Conditioning Engineers(ASHRAE)

*References available upon request*
ADDRESS REMOVAL, ADDITION, or CHANGE

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 Sheldon Jeter as specified below.

If (sadly) you really do wish to be off our newsletter distribution list, please let us know by emailing to <ashrae@mail.gatech.edu>. Please give your email addresses in plain text, so it can be found to remove it. Please help us monitor for your message by putting the word “REMOVE” in the subject line. Thanks.

If you have a friend or colleague who needs to be added to our list or if you want to add an extra address for yourself, let us know by emailing to <ashrae@mail.gatech.edu>. Please give the email address in plain text and please put the word “ADDITION” in the subject line. Thanks.

If your email address needs to be changed, please send to <ashrae@mail.gatech.edu> both the OLD and the NEW email addresses in plain text (so the old one can be found to be changed) and please put the word “CHANGE” in the subject line. You might also want to update your contact info at ASHRAE.org as well.

Thanks, Sheldon

Atlanta Chapter ASHRAE
Michael Dudley
Atlanta ASHRAE President 2010/2011

CHANGE OF ADDRESS
To change your address you MUST tell ASHRAE Society in writing. Please do not contact the Atlanta Chapter: our mailing list is generated from the Society's database.

CHAPTER MAY NOT ACT FOR THE SOCIETY