



April News

Atlanta Chapter



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Next Meeting: April 17th, 2012

Dedicated Outdoor Air Systems

Featured Speakers: Mr. Stan Mumma
ASHRAE Distinguished Lecturer

ATLANTA CHAPTER MEETING THEME: Student Activities
YEA



April is upon us as the Spring Atlanta ASHRAE schedule is in full swing. Henry Slack continues to deliver excellent programs as program chair of the chapter. In March we had Mr. Drue Crawley (ASHRAE Distinguished Lecturer) speak on the latest developments of Net Zero Buildings. He discussed the challenges and the advances that owners and designers encounter while trying to achieve this milestone. While there are several buildings that have accomplished being truly NET ZERO, the first cost make it difficult to achieve in most building built today. With the publication of the Advanced Energy Design

Guides, ASHRAE is working to continue to strive to achieve this goal. There are several Advanced Engineering Design Guides available for purchase through the ASHRAE society bookstore including; K-12 Buildings, Small to Medium Office Buildings, Big Box Retail Buildings. Later this year ASHRAE is scheduled to release the guide for Hospitals.

We also had a great turnout for our past presidents lunch on March 16th as over 30 past presidents and life members attended. Ed Honda, the History Chair, did a great job organizing the event. Good food and fellowship was had by all as we recognized those who have served the chapter throughout the years.

On March 20th the Macon Sectional hosted ASHRAE Distinguished Lecturer Hoy Bohanon as he discussed the ASHRAE 62.1 Multiple Space Equation. We had over 20 members attend this event. Special thanks to Harris Sheinman and Caroline Calloway for organizing the event. We look forward to another great speaker on May 1st as the Macon Section hosts Marlene Linders to discuss Infection Control Risk Assessment. This is a must see for anyone who works in a hospital, designs work for a hospital, or has ever visited a hospital.

The month the chapter will host its final chapter meeting before the summer break on April 17th. ASHRAE Distinguished Lecturer Mr. Stan Mumma, will be discussing Dedicated Outdoor Air Systems (DOAS). These systems are becoming more widely used and we look forward to an informative presentation. He will also be hosting a seminar before dinner on best design practices when using DOAS. We look forward to seeing everyone in attendance.

We hope everyone will be able to come out and enjoy our annual May outing at the Georgia / Georgia Tech baseball game on April 24th. Bring the family and your glove as we enjoy BBQ before the game and root for your favorite Georgia College Team.

Sign up early on our website for our ASHRAE Spring Golf Tournament on May 16th. You can sign up an entire foursome or we will pair you up with other members if you sign up as an individual. If you are not a golfer you can still support the chapter by becoming a sponsor of this event. All proceeds go to support ASHRAE research. We need your support to make our goal of \$44,000 before June 30th.

It is that time of year to elect our officers for the 2012-2013 ASHRAE year. The ballot can be found later in this newsletter or on our website. Please take a few minutes to review and approve your new slate of officers.

I look forward to seeing you at our next chapter event.

Charlie Fischer
charles.h.fischer@jci.com
Atlanta Chapter President 2011-2012
www.ashraeatlanta.org

Chapter Meeting Notice

Tuesday, April 17th, 2012 – 6:30 PM

Dedicated Outdoor Air Systems (DOAS)

April Dinner Meeting



Mr. Stan Mumma, ASHRAE Fellow and Distinguished Lecturer

Dr. Stanley Mumma is currently Professor Emeritus of Architectural Engineering at Pennsylvania State University. Prior to joining Penn State in 1984, he was a General Motors Corporation project engineer for three years between his undergraduate studies in Mechanical Engineering at the University of Cincinnati, and his graduate work at the University of Illinois at Urbana-Champaign.

Since earning his Ph.D. in Mechanical Engineering in 1974, under the mentorship of Dr. Will Stoecker, he has also held faculty positions at Ohio State University and Arizona State University. In the first third of his academic career, his research focused principally on solar and alternate energy.

Then his interests changed to innovative ways of meeting ASHRAE Standard 62 in an energy efficient fashion. That work has led to his current intense interest in dedicated outdoor air systems (DOAS).

He writes extensively on the subject (see <http://doas-radiant.psu.edu/papers.html>). Two of his publications were recipients of ASHRAE best paper awards.

Dinner Meeting: 6:30 AM – 8:00 PM

Speaker: Mr. Stan Mumma

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

Cost: \$20.00 Members / \$30.00 Non Members RSVP

You MUST RSVP if you plan to attend the meeting. Please email secretary@ashraeatlanta.org. Also, you can prepay and RSVP at <http://www.ashraeatlanta.org/Events>. This helps the chapter accurately order food from the catering company.

Description:

Applications of DOAS have expanded significantly over the past 5 years. As a result, Dr. Mumma's presentation focus has shifted away from "The Reasons Engineers Are Seriously Considering Them" to "DOAS Design Field Experiences". Specific attention will be given to controls, enormously expanded equipment choices, comfort and ADPI, energy performance, humidity control, loss of air side economizers, LEED points, parallel systems, and pitfalls.

Educational Seminar: 4 PM – 6 PM

Speaker: Mr. Stan Mumma

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

Cost: \$50 per person

You can prepay and RSVP at <http://www.ashraeatlanta.org/Events>.

Description:

The Educational Seminar will be a more in depth discussion regarding Design Best Practices for Dedicated Outdoor Air Systems.

Young Engineers in ASHRAE - YEA

Thursday, April 19th, 2012

Monthly Meet & Greet: Thursday, 5:30 pm (Every 3rd Thurs of the month)

Topic: Meet & Greet & Beer & Eat

Location: Taco Mac at Lindberg

Who: YOU and U2

BONUS!

THURSDAYS ARE PINT NIGHT AT TACO MAC, so if you order a beer of the month, you get a free pint glass: collect them all.

Well I guess it's time to get back into the swing of things. We had a great time out at the last event and we are expecting an even bigger event for January. Remember to save this date and to bring a friend. We will play some games as we mingle and get to know others in our field.



Check our Facebook page for updates on YEA events, technical presentations, and cool engineering stuff! Make suggestions for technical or social events you'd like to see! You can also RSVP to YEA events there. Become a fan! We look forward to seeing you. Send questions or comments to Dan Skellie or Kevin Penrose [here](#).

ATLANTA ASHRAE PROGRAMS CALENDAR 2011 - 2012

DATE OF MEETING	EMPHASIS NIGHT	LUNCH MEETING 11:30 am to 1:00 pm		EDUCATIONAL SEMINAR 2:30 pm TO 6:00 pm		DINNER MEETING 6:30 pm TO 8:00 pm	
		SPEAKER	MEETING TOPIC	SPEAKER	SEMINAR TOPIC	SPEAKER	MEETING TOPIC
TUESDAY 9/10/11	Honors & Awards and Membership Promotion	Wayne Kirsner	Steam Accidents				
TUESDAY 10/11/2011	Research Promotion	Chuck Hammock, P.E., Certified Geothermal Designer	Geothermal Heat Pump Fundamentals	Chuck Hammock P.E., Certified Geothermal Designer	Geothermal Heat Pump(GHP)/Heat Exchanger (GHX) Engineering		
TUESDAY 11/8/2010	Student Activities / Young Engineers in ASHRAE			Hoy Bohanon	62.1 Deep Dive	Hoy Bohanon	62.1 Update
Thursday 12/8/2011	Red & Green Scene Holiday Party w/USGBC 6PM, at OPERA						
TUESDAY 1/10/2012	Membership Promotion	John Brantley	VRF				
TUESDAY 2/14/2012	Refrigeration	Adam Bare - Newcomb & Boyd + Distinguished Guests	Case Study: Clough Commons at Georgia Tech, a High Performance Building				
TUESDAY 3/13/2012	Research Promotion	DL - Drue Crawley	Advanced Energy Design Guides	DL - Drue Crawley	Advanced Energy Design Guides		
TUESDAY 3/20/2012	Macon Section					Hoy Bohanon	62.1 Multiple Spaces Equation
TUESDAY 4/17/2012	Student Activities / Young Engineers in ASHRAE			DL - Stan Mumma	DOAS - Design Practices	DL - Stan Mumma	DOAS
Tuesday 4/24/2012	May Outing, GT vs. UGA Spring Game @ Turner Field						
TUESDAY 5/1/2012	Macon Section			Marlene Linders	Preparing for the Unthinkable: Seven Components in Preparing for Business Continuity in the Advent of a Pandemic	Marlene Linders	ICRA (Infection Control Risk Assessment) 101



Chapter Highlights

Meeting Emphasis on Student Activities and YEA

During each meeting we focus on specific aspects of the chapter's involvement. This meeting's emphasis will be on **Student Activities** and **YEA**.

Student Activities

The Atlanta Chapter has four active chapters:

Dekalb Technical College - Brian Lovell, Chapter Advisor

Georgia Institute of Technology – Dr. Sheldon Jeter, Chapter Advisor

Southern Polytechnic Institute – Dr. John Mench, Chapter Advisor

University of Georgia – Dr. Tom Lawrence, Chapter Advisor

We are actively looking for volunteers to work in the K-12 market as mentors in our Junior Achievement Program. Please contact us if you would like further information.

Nick Kassanis

Atlanta ASHRAE Student Activities Chair

inkassanis@workingbuildings.com

Young Engineers in ASHRAE, YEA is a vital part of the ASHRAE mission. It is our goal to continually interest and inspire young people to take up the causes and beliefs which ASHRAE shares and to explore the never-ending possibilities through knowledge and research. The objectives of YEA are to:

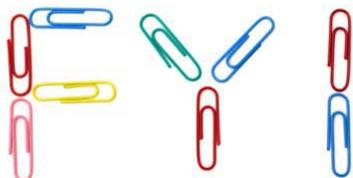
- Provide the latest information in new products, theories and ideas.
- Encourage the continued study of HVAC&R
- Promote careers and professional growth in the HVAC&R industry
- Introduce YEA members to each other by networking
- Support existing YEA members and encourage new members to become a part of YEA

Please remember that you are a vital part of this YEA mission.

Dan Skellie

Atlanta ASHRAE YEA Chair

daskellie@workingbuildings.com



Chapter Information

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”!

Prospective members under 30 years of age may consider the Affiliate Membership, which starts at only \$50/year! This year we have received very few membership advancement applications. I encourage each of you to check your membership status. You may be an Associate Member, but if you are a PE or have at least 15 years of HVAC experience, you may be eligible to upgrade to a Member. It does not cost you any money. You just need to fill out bio-data online and inform ASHRAE. The “Update Your Bio” menu option is located on the left hand side of the “Member Central” panel on the ASHRAE home page.

Resumes

If you would like to post your resume in the Atlanta Chapter Newsletter, please email a one page resume as a .pdf file to Pamela Androff at pamela.androff@gmail.com

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:

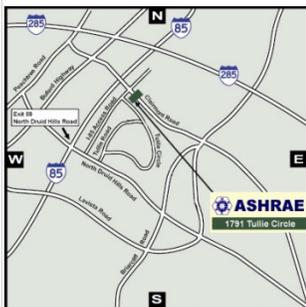
1. RSVP and prepay for each event through the Atlanta ASHRAE <http://www.ashraeatlanta.org/>. For events where meals are served, you must at least RSVP to ensure that there will be a meal for you. We encourage you to prepay, as this will speed your way through the check-in process.
2. Pay your Chapter dues of \$40 per year directly to the <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?pageId=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.

Directions to ASHRAE Headquarters

ASHRAE Headquarters is located at 1791 Tullie Circle, Atlanta, GA 30329. 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. View on the [web](#).

ASHRAE Atlanta New Website Launch

Our new website is now live, and meeting RSVP procedures have changed. Here is a step-by-step explanation of how to register for meetings on the new website:

1. Navigate to the specific event you want to register for from our Event Calendar: <http://www.ashraeatlanta.org/Events>
2. Click the "**Register**" Button in the light gray colored box.
3. Enter your e-mail address. Be sure to use the e-mail address where you are receiving this e-mail. Click "**Next**" to continue.
4. Login to our website to auto-fill in your contact details. This will also allow members to receive reduced prices.

A Note:

If you are an ASHRAE member, then your password for this new site is not the same as the password for the ASHRAE.org site. If this is your first time logging into this site, then you do not have a password. To create a password type in your email address, then click on the "Forgot Password" text. A password will be sent to your email address.

5. Once logged-in, choose the registration type for the meeting. If you are a chapter member, a special discounted price will become available when you login. Click "**Next**" to continue.
6. Fill in or adjust any contact details. Click "**Next**" to continue.
7. Choose your payment method. You can click "Online" to pay with a credit card or using a PayPal account, or you can click "Manual" to bring cash or check to the meeting. Click "**Next**" to continue.
8. For "**Manual**" Payment Methods: Review your information and click "Confirm". Your registration is complete and you will be sent confirmation e-mail.
9. For "**Online**" Payment Methods: You will be directed to PayPal to complete your transaction. Once your PayPal transaction is complete, you will be returned to the Atlanta Chapter website. Your registration is complete and you will be sent confirmation e-mail.

If you have any difficulties registering for the meeting, please contact Pam pamela.androff@gmail.com

Chapter Officers 2011 - 2012



Charles Miltiades – President Elect

charlesmiltiades@gmail.com

678-376-1364 tel.

Background

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

Personal

He has been a member of ASHRAE since 2006 and has held numerous positions in the Atlanta Chapter.



Pamela Androff, EIT, LEED AP - Treasurer

Pamela.androff@gmail.com

404-434-8793 tel.

Background

Pam graduated in 2008 from the University of Central Florida with a B.S. in Mechanical Engineering. She moved to Atlanta for a position as a Mechanical Engineer with Newcomb & Boyd. As a designer with the firm, she had the opportunity to work on various types of projects including institutional buildings, laboratories, and government projects. She earned her LEED AP in March 2009 and became an EIT in April 2009. Currently Pam is employed at Mitsubishi Electric.

Personal

Pam lives in Midtown and make the most of it by attending various festivals and cultural events that make their way to the city. She loves trying out new restaurants in the city and have an infinitely long “to-try” list. She enjoys team trivia, Braves games, and spending time at Piedmont Park.



Priscilla Sager, P.E. – Secretary

psager@stevens-wilkinson.com

404-521-6362

Background

Priscilla graduated from Georgia Tech in 2004 with a degree in Mechanical Engineering. She has worked for mechanical contractors and consulting firms. In 2007, she joined Stevens & Wilkinson and has worked on numerous commercial and military projects, large and small. In 2008, she obtained her professional engineering license.

Personal

Priscilla enjoys running, doing triathlons, and watching Georgia Tech sports.

Officer Directory - 2011 – 2012 Atlanta Chapter

President - Charlie Fischer 770-870-2620
Vice President – Charles Miltiades 678-376-1364
Treasurer – Pamela Androff 404-434-8793
Secretary – Priscilla Sager 404-521-6362

Past President – Micheal Dudley 404-625-7145

Board of Governors

Caroline Callaway 770-663-4339
Rick Dustin 404-624-8699
John McFarland 678-990-4316
Glenn Northrup 678-736-5102
Pat McCabe 404-933-9150
Ron Petrey 770-277-0271
Samir Sheth 404-848-5691
Micheal Dudley 404-625-7145

Committee Chairs

Attendance/Reception - Danny Cobucci 770-495-9888
Att./Reception V.Chair- Darrell Sandlin 678-954-8153
Holiday Party Activist – John McFarland 678-990-4316
Historian - Ed Hunda 678-990-4319
Historian Co-Chair – Tony Martin 678-990-4318
Honors & Awards – Peggy Fritz 678-721-9326
Honors & Awards Co-Chair – OPEN
Macon Section - Caroline Callaway 770-663-4339
May Outing – Glenn Northrup 678-736-5102
Membership Promotion - Samir Sheth 404-848-5691
Membership Promotion Co-Chair – Jonathan Rucker 678-690-5246
Product Show – TBD
Programs – Henry Slack 404-562-9143
Programs Co-Chair – Brian Justice 770-339-0555
Refrigeration - Mark Dahir 678-507-2059
Refrigeration Co-Chair – Dominic Rodosta 678-507-1091
Region IV DRC - Randy Jones 843-881-0051
Region IV RVC History – Pam Immekus
Region IV RVC CTTC – Harris Sheinman 404-946-2116
Region IV RVC Student Activities - Peggy Fritz 678-721-9326
Region IV Nominating Committee Chair - Caroline Calloway 770-663-4339
Research Promotion – John D Pruitt 770-870-2634
Research Promotion Co-Chair – Brian Justice 770-339-0555
Research Vice Chair - Glenn Northrup 678-736-5102
Student Activities Chair – Nick Kassanis 678-391-7870
Student Activities Co-Chair – Kevin Penrose 770-514-5880
SPSO Student Branch Advisor – Dr. John Mench 678-915-7289
UGA Student Branch Advisor – Dr. Tom Lawrence 706-542-4322
GT Student Branch Advisor – Dr. Sheldon Jeter 404-894-3211
DeKalb Technical College Branch Advisor – Brian Lovell 404-297-9522
Ways & Means – Patrick McCabe 404-933-9150
YEA Chair – Dan Skellie 678-324-3888
YEA Co-Chair – Kevin Penrose 770-514-5880
Product Show – OPEN
GEF Liaison - OPEN



2012 – 2013 Atlanta ASHRAE Officers Ballot

- **President : Mr. Charles Miltiades**

YES NO Write In _____

- **Vice President : Ms. Pamela Androff**

YES NO Write In _____

- **Treasurer : Ms. Pricilla Sager**

YES NO Write In _____

- **Secretary : Mr. David Justice**

YES NO Write In _____

- *Past President : Mr. Charlie Fischer*

Board of Governors (Voting Members)

- **Mr. Nick Kassanis**
- **Mr. Mark Dahir**
- **Mr. Ed Hunda**
- **Mr. Pedro Pacheco**
- **Mr. Glenn Northrup**
- **Mr. Ron Petrey**
- **Mr. John McFarland**

YES (to all) NO (Strike Above) Write In _____

Member Name / ASHRAE Member Number _____

Please email president@ashraeatlanta.org your completed ballot or submit online at www.ashraeatlanta.org.

Ms. Pam Immekus

ASHRAE Atlanta Nominating Committee

Atlanta ASHRAE Chapter Board of Governors

The Board of Governors consists of the chapter's elected officers, the most recent past president and other members elected by the membership in accordance with the chapter's bylaws. The Board of Governors manages and conducts the affairs of the chapter in accordance with the bylaws of the chapter and has supervision and care of all property of the chapter. It presents to the members at the annual meeting a general statement on the work of the year and the condition of the chapter. The Board of Governors must meet once each month, at a designated time that does not conflict with other chapter activities.

The Board of Governors, at its first meeting, should review the chapter bylaws to be sure that the current operations of the chapter are in accordance with the provisions of the bylaws. If any of the procedures deviate from what is written in the Model Chapter Bylaws (Appendix DD1), or from the list of acceptable deviations (Appendix DD2), the bylaws should be amended to reflect current practice. (See Appendix DD3, Procedures For Updating Chapter Bylaws.) If there is any question as to whether or not the bylaws should be amended, please address them to your DRC or to the C&BL Staff Liaison at Society Headquarters, who will consult with the C&BL Committee for advice.

Note: The Chapter Constitution and Bylaws has been combined into one (1) document and is the universal guidelines for ASHRAE chapters and ASHRAE groups. The five (5) year review of the chapter's bylaws are no longer required, however, if your current bylaws change, you must submit a copy of the signed document to Society headquarters each time a change is made to the bylaws. (08-06-23-10)

Prior to the installation of officers, the Board of Governors will appoint from among the active members of the chapter three auditors to examine and certify the accounts of the treasurer. No officer or member of the Board of Governors is eligible to serve as an auditor.

Atlanta ASHRAE Chapter Secretary

The secretary takes part in all activities of the chapter, particularly as a record-keeper. The secretary is responsible for the matters listed below. The work may be lightened, if certain details are delegated to other responsible members.

Specific tasks which are the secretary's responsibility are:

A. Act as secretary for the business part of each chapter meeting and for meetings of the Board of Governors.

B. Function as a member of the Board of Governors; keep all chapter records; act as liaison between the chapter and Society Headquarters.

C. Be familiar with "Roberts Rules of Order (Revised)" (Appendix S [available on the ASHRAE website](#)) for conducting business sessions.

D. Maintain a record of each member's attendance and chapter activities for use of the Nominating Committee.

E. Send separate minutes of the chapter meeting and the Board of Governors' meeting to the Regional Chair ([Randy Jones](#) rjones@chapman-jhj.com) and the Regional Vice Chair of Chapter Technology Transfer ([Harris Sheinman](#) HSheinma@heery.com) within three weeks of each meeting. The standard form (Appendix I) may be copied from the Manual for Chapter Operations, or you may retype a facsimile of the standard form. Use a separate form for the board meeting,

the chapter meeting and the section meeting. Clearly identify the meeting for which each set of minutes is recorded.

F. Keep lists of members and prospective members up to date, cooperating with the Membership Promotion Committee. Certify to the Board of Governors that all chapter members are bona fide members of the Society.

G. Obtain and distribute forms, supplies, etc., as needed. Certain supplies may be obtained from Society Headquarters.

H. Act for the Board of Governors in taking charge of all property of the chapter, such as the charter, bylaws, banners, projectors, etc.

I. Arrange for printing and mailing of meeting notices.

J. Promptly notify the officers, nominated candidates and members of all committees of their selection, nomination or appointment.

K. Complete the online Chapter Information Questionnaire on the ASHRAE website, and email to Society Headquarters, prior to June 1 (fall CRCs); February 15 (spring CRCs) of each year.

L. Be responsible for preparing a chapter roster. A copy of this roster must be sent to the Regional Chair (where applicable).

M. An updated roster of chapter members can be downloaded using the online reports from the ASHRAE website. (see Section 8.6.G., Chapter Reports, Steps for Accessing Chapter Reports) (09-01-26-04)

N. Make certain that the Regional Chair receives a copy of chapter correspondence (where applicable).

O. Perform other functions as outlined in subsequent parts of this manual.

May 1st, 2012
Macon ASHRAE Meeting

Please join the Macon Section for a dinner meeting at 6 pm, May 1st, 2012.

Location: TBD

DINNER TOPIC:

► **ICRA (Infection Control Risk Assessment) 101: Understanding the Basics of Liability and Risk During Healthcare Construction**

Indoor environmental pollutants such as E. coli, norovirus, staph infections (staphylococcus aureus), and Methicillin Resistant Staphylococcus Aureus (MRSA) are increasingly being encountered in our environment and causing significant health problems. One of every 20 people who go into a US hospital picks up a staph infection. Outbreaks of illness from these types of bacteria have been commonplace in the hospital setting; more recently, however, there have been outbreaks in non hospital-related environments such as hotels, sports facilities, prisons, and cruise ships. This talk brings the basic awareness of concerns hospitals have about contractors and subcontractors working on their projects.

TECH TOPIC

► **Preparing for the Unthinkable: Seven Components in Preparing for Business Continuity in the Advent of a Pandemic**

Highly pathogenic H5N1 influenza viruses are now endemic in avian populations in Southeast Asia, and human cases continue to accumulate. Although currently incapable of sustained human-to-human transmission, H5N1 represents a serious pandemic threat owing to the risk of a mutation or reassortment generating a virus with increased transmissibility. This talk assists with planning today to assume the responsibility tomorrow to maintain business continuity.

PRESENTED BY:

Ms. Linders is the President and CEO of Philders Group International, Inc.—Environmental Consultants for Infectious Diseases. Philders Group is the author of the Infectious Disease policy and protocol for healthcare construction ensuring their clients meet compliance requirements mandated by JCAHO. This policy becomes a part of their client's safety program.

Ms. Linders is a Registered Nurse, architect, and holds a Master's degree in Science. Additionally, she is a National Speaker on Infectious Diseases, and an Expert Witness for some of the largest law firms nationwide. She has several years of extensive expertise in development and understanding of construction and design for building systems. She has worked on designing high-risk environments as Surgical Suites, Transplant, Teaching and Urban Hospitals for several Level One trauma centers costing in excess of \$4 billion dollars.

Ms. Linders is a member of NIBS- National Institute of Building Science, APIC-Association of Professionals in Infection Control, American Nurse's Association, ISID-International Society for Infectious Diseases, AIA, and the Director of the Central Florida Chapter for the Indoor Air Quality Association. Additionally, she sits on the Florida Hospital College of Health Sciences Foundation Board.

She graduated with an ADN nursing, MS clinical psychology from Halifax School of NSG and BA in Architectural Design from New York University. She also completed Harvard University's Professional Development Program for School of Architecture and Design.

RSVP by March 15 to
ccalloway@bellsouth.net
770-663-4339



vs.



*****Atlanta ASHRAE May Outing (in April)***
Tuesday, April 24th, 2012
Georgia vs. Georgia Tech Baseball @ Turner Field**

We'll be having our traditional May Outing a little early this year (Tuesday, April 24th). Once again, we'll be gathering for the Spring Classic baseball game to benefit Children's Healthcare of Atlanta. Come see a great college baseball rivalry between two traditional national baseball powers, the Georgia Tech Yellow Jackets and Georgia Bulldogs.

The special Atlanta ASHRAE member ticket price is only \$5. That's a \$7 savings from the actual ticket price! Not only, do you get entrance to the game for that price, but we'll also be tailgating in the Turner Field "Green Lot" with a BBQ dinner (Please BYOB) that is included with your ticket price.

Please purchase your tickets (limit 6 per Atlanta ASHRAE member) via the Atlanta ASHRAE website at <http://www.ashraeatlanta.org/>. Select the "View ALL Events" and then select "May Outing". Tickets will be handed out at the tailgate.

This 9th Annual Spring Classic benefits Children's Healthcare of Atlanta! More than 24,000 tickets were sold to the event last year at Turner Field making it one of the largest NCAA baseball games in history. The 2011 event raised more than \$200,000 for CHOA.

If you have any questions, please contact Glenn Northrup @ 678-736-5102 or gnorthrup@georgiaairassociates.com.

We look forward to seeing everyone there to celebrate a great ASHRAE year under the leadership of Charlie Fischer and his board from the Atlanta ASHRAE Chapter!

2010-2011 Research Promotion Campaign's Contributors



Company Research Associates (\$2500 and greater)

Tom Barrow Company - Atlanta

Bitzer US, Inc.

ENERVEX Inc

Company / Individual Major Donor (\$250 - \$2499)

Mr Howell E Adams, Jr	Mr Chris P Rousseau	James M Pleasants Company - Duluth
Mr Stanley R Everett	Georgia Air Associates	Hill Company Inc
Lincoln Associates	Johnson Controls	Borie Davis Incorporated
Mr Steven F Bruning	WayPoint Systems	Lennox Industries
Mingledorff's Incorporated	Working Buildings	Victaulic Company of America - Duluth
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Do you have questions that we can answer in the next ASHRAE Society Update? Send an email to kfulcher@ashrae.org and your question will be forwarded on to staff.

New Changes to Members Council

During the 2011 fall meeting in Atlanta, a motion was approved to remove the Director and Regional Chairs (DRCs) as members of Members Council and to have them sit on the Board of Directors only. The DRCs will be replaced by a new position from each region called the Region Members Council Representative. Pending approval by the membership for an ASHRAE Bylaws change, this will become effective July 1, 2013.

New Insurance Coverage for Chapters

The Manual for Chapter Operations (MCO), Section 4.6 was updated to include a section for ASHRAE Chapter Event Insurance. This coverage is provided at the chapter's expense to cover sporting events such as racing, skiing, firearms, boating, mechanical bulls and other activities. See the MCO for full details or visit the ASHRAE website <http://www.ashrae.org/society-groups/chapters/Manual-for-Chapter-Operations> and click on the link under "MCO Bookmarked Sections and Appendices."

New Member Benefit

Beginning July 1, 2011, the decision was made to provide a complimentary 12-month subscription to ASHRAE Handbook Online to all new Members and Associates with an election date of July 1, 2011 and onward, since they will not receive their print or CD Handbook until June, 2012. The new members and associates will receive an email message with

instructions on how to access their complimentary Handbook Online subscription. This is a one-time benefit for new members, and at the end of their subscription, they will be prompted to renew the Handbook Online at the \$49 member rate.

Two chapter Resources are available online:

Centralized Training for MP:

<http://www.ashrae.org/society-groups/committees/membership-promotion-centralized-training>

Membership Promotion Blog

Visit our blog for training and resources - provide feedback as well!

<http://ashraemptraining.wordpress.com/>

Airmail Only \$10 (USD)

Members outside the United States will be happy to learn Airmail delivery of the ASHRAE Journal is now only \$10. ASHRAE encourages all members outside the U.S. to select this option on their membership renewal to ensure faster delivery of the industry's leading magazine, ASHRAE Journal. Click [here](#) to renew your membership.





Leadership U participants at the Chicago Winter meeting.

Leadership U – San Antonio

Have you ever wondered what ASHRAE Officers do at the ASHRAE Winter & Annual Conferences? Here is your chance to find out! Through Leadership U (offered by the YEA Institute), a handful of YEA members are selected for each conference to be matched up with Society Officers and participate in all of their events and board meetings, including social activities. Leadership U not only allows you to experience a conference like an Officer, but it is also a great opportunity to network and form connections with those active in ASHRAE.

If selected to participate in Leadership U, the costs of attending the Conference (transportation, lodging and registration) will be covered by ASHRAE. In addition, those selected will document their experiences and share them with the YEA Committee, their chapter and their region.

Submit your application today! All applications must be received by the close of business **April 16, 2012**. To learn more about this opportunity or if you have any questions, visit www.ashrae.org/yea.

HVAC Design Essentials Workshop Scholarship

Presented by the ASHRAE Learning Institute, the three-day HVAC Design Essentials Workshop allows attendees to focus on both the fundamental and technical aspects of HVAC design in commercial buildings, providing practical strategies for HVAC

designers and others involved in delivery of HVAC services. The next HVAC Design Essential Workshop will be held May 21-23, 2012 at ASHRAE Headquarters, Foundation Learning Center.

To encourage attendance by young professional ASHRAE members, the YEA Institute offers one full scholarship for attendance to the HVAC Design Essentials Workshop (Level I of the workshop only). The full cost of registration to Level I of the workshop will be covered by ASHRAE.

If you have an interest in attending this workshop, this scholarship is the perfect opportunity for you. All applications must be received by the close of business **April 9, 2012**.

RP Chairs- Visit the RP Blog

Messages to donors, non-donors, reminders, graphics, and articles about Research are available at the RP blog (<http://ashraerp.wordpress.com/>)

CRCs Set For Spring 2012

Region VI - May 3 – 6

Minnesota Minneapolis, MN

Visit the website –

<http://ashrae6.blogspot.com/>

Region VIII - April 26 – 28

Northeastern Oklahoma Tulsa, OK

Visit the website -

<http://region8.ashraeregions.org/crc.htm>

Region XI - May 10 - 12

Manitoba Winnipeg, MB

Visit the website-

<http://region11.ashraeregions.org/>

Please contact Vickie Grant at ASHRAE Headquarters for questions or to request more information about CRCs.

Registration Open for ASHRAE Dedicated Outdoor Air Systems Webcast!

Registration is now open at www.ashrae.org/doaswebcast for the April 19, 2012 Webcast, "Dedicated Outdoor Air Systems – A Path to Balancing Energy and IEQ." This free webcast is being brought to you by ASHRAE's Chapter Technology Transfer Committee with support from Valent Air Management Systems, Rotor Source, Inc., Engineered Air, Munters, and Heat Pipe Technology.

Webcast Archive Available!

If you are unable to participate in the live webcast, the program replay will be archived online until May 3, 2012. Registration will be necessary to view the archived program. The webcast presenters are:

Ron Jarnagin ASHRAE President 2011-12, Staff Scientist Pacific Northwest Laboratory Richland, WA

Tim McGinn, P.E., LEED AP, Principal DIALOG Calgary, AB, Canada

Stanley Mumma, Ph.D., P.E., Professor Emeritus Pennsylvania State University University Park, PA

John Murphy, LEED AP, Applications Engineer Trane, La Crosse, WI

There is no fee for registration. To register and learn about the webcast program, continuing education credits, and ASHRAE dedicated outdoor air systems resources, visit www.ashrae.org/doaswebcast. If you have questions about the webcast, call 678-539-1200 or email ashrae-webcast@ashrae.org

Modeling for a Sustainable Future

ASHRAE seeks to advance the industry's ability to more accurately model and simulate a building's energy use.

Building on the successful Energy Modeling Conference format in April 2011, this conference will begin with an interactive session with modeling software developers presenting common modeling scenarios on how their specific software can model a scenario, whether there are any limitations and what might be the best work around and exceptional modeling practices to obtain acceptable results when the tool cannot model the scenario "out-of-the-box".

Click here for the [Conference Announcement and Call for Presenters](#)



*ASHRAE conferences provide great opportunities
for knowledge sharing and networking.*

Atlanta renovation achieves highest LEED score in Northern Hemisphere

By [James Holloway](#) | Published 3 days ago

A renovated building in Midtown Atlanta has been awarded 95 out of a possible 110 LEED points for its environmental design—the highest score for any new construction in the Northern Hemisphere.

Though classified as a "New Construction" in the Leadership in Energy and Environmental Design system, 1315 Peachtree Street, Atlanta is actually a 1980s construction that has undergone extensive renovation. But what does LEED certification entail? And is this the greenest building in the Northern Hemisphere?

According to the architect, Perkins+Will, who are both the designers and occupants of the renovated building, a variety of technologies were employed to help achieve Platinum certification. A trigeneration system (providing electricity, heating and cooling) is foremost among them, employing gas microturbines on the roof generating both electricity and heat. Some of that heat drives an absorption chiller providing the building's cooling. Daylight harvesting and LED lighting are among the measures which have reduced the building's energy consumption by a claimed 58 percent from baseline figures. Rainwater harvesting has cut the consumption of supplied water by 78 percent. Both figures are *well* above that required to achieve maximum points in their respective criteria.

LEED essentially provides a collection of yardsticks next to which *some* of a building's green credentials can be measured. Eighty points are sufficient to win Platinum status in version 3 of the system, which has been in use since 2009, and is the version with which 1315 Peachtree Street was scored. Platinum is the highest of four levels of certification, followed by Gold, Silver and, yes, Certified.

One hundred of the available points are spread over five categories with the largely self-explanatory titles Energy and Atmosphere (worth 35 points), Water Efficiency (10), Materials and Resources (14), Sustainable Sites (26), and Indoor Environmental Quality (15). An additional six bonus points are available for "innovation in design", and the final four are for "Regional Priority"—or measures that address localized environmental issues. One of the "innovation in design" points is available for the involvement of a LEED-accredited professional in the design—a point which has no direct bearing on the greenness (or otherwise) of the building at hand. A full breakdown of the points system, and an explanation of the criteria, is available on the US Green Building Council's website.

To achieve LEED certification, building owners must cough up registration and certification fees to the US Green Building Council, and provide documentary evidence of compliance with the scheme, which is verified by the Council. The process is purely voluntary, meaning that buildings with extremely environmentally-sound design may go uncertified. However, LEED-certification is increasingly being encouraged and even mandated at state level, and within federal agencies.

According to the US Green Building Council's Certified Project Directory, 245 projects have been assessed under the same system and category (LEED-NC v2009), and of those 25 have been awarded a Platinum certificate. So, of the nearly-10,000 projects LEED-certified in the US alone, 1315 Peachtree Street is only directly comparable to 245.

LEED 2009 places a greater emphasis than ever before on energy reduction, but is criticized in some quarters for not going far enough. A relatively whopping 19 points—the single biggest allocation—are available for optimized energy performance. In new buildings the full points haul requires energy savings of 48 percent in comparison to a theoretical baseline. By contrast the Architecture 2030 program calls for a minimum reduction of 60 percent, measured against regional averages rather than theoretical data. If buildings are now close to maxing out on the LEED scoring system, perhaps a general raising of expectations is merited.

Of greater concern is the suggestion that LEED-certified buildings do not always save the amounts of energy that is claimed. Savings are established by the building designer who measures the building design against a minimum requirement (ASHRAE Standard 90.1 - Energy Standard for Buildings Except Low-Rise Residential

Buildings). What that minimum standard specifically entails will vary from building to building, and is quantified by the buildings designer through computer modeling.

Doubt would be reduced by verification of certification based on real-world use once the building is occupied. An assessment based on design data would still be required (where final planning permission is dependent on LEED certification, for instance), but the status would be provisional. The technology is already available to do this relatively painlessly through the remote reading of meter data via the 'Net. Were LEED to adopt such an approach, there's no reason that LEED certification could not become a live status requiring maintenance over time rather than being the one-off badge of honor that it is. Financial penalties for design assessments that fall well short of the reality may help the problem of optimistic LEED assessments—if such a problem exists.

Though scorecards under older certification systems are available from the project directory, none for the 245 projects in 1315 Peachtree Street's category are. But without the documentary evidence used to establish the LEED rating, and real-world performance data to compare it to, the information that could be gleaned would be extremely limited in any case.

A LEED score of 95 points suggests that a building should be extremely environmentally friendly, but the only conclusion that can be drawn with absolute certainty is that its design is adept at passing LEED tests. In 1315 Peachtree Street's case, it, of all the buildings in the Northern Hemisphere, is the LEEDiest of 245.

The US Green Building Council has not responded to our request to see 1315 Peachtree Street's LEED assessment, and the architect declined to respond to our technical queries about the specifics of the renovation.

Image courtesy of Perkins+Will



Atlanta Chapter Spring Golf Tournament
Wednesday May 16, 2012
8 am Shotgun Start



3030 Bradshaw Club Drive
Woodstock, GA 30188
(770) 592-2222

Format: (4) Person Lauderdale Tournament
Entry Fee: \$150 per golfer or \$550 per (4) person team
Includes: Green Fees, cart, driving range, post tournament lunch, (2)
raffle tickets/player & prizes following tournament

Registration: *Deadline to register is May 9th.*

List each golfer's name & E-mail

- 1* _____
2. _____
3. _____
4. _____

*\$100 donation goes to Research Promotion in the person's name listed in Slot 1.



Atlanta Chapter Spring Golf Tournament

Sponsorship Levels

Platinum (\$650)

Hole sponsorship for spring tournament
(1) 4 Person team for spring tournament
Recognized as a "Major Donor" ASHRAE donor

Gold (\$400)

Hole sponsorship for spring tournament
(1) 2 Person team for spring tournament
Recognized as a "Honor Roll" ASHRAE donor

Lunch Sponsor - fall only (\$500)

Name displayed at lunch buffet
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Hole Sponsor- (\$150)

Name displayed on tee box
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Giveaways

Provide item(s) for giveaway raffle
List items:

I will gladly pledge my above checked sponsorship(s):

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Phone number: _____

Address: _____



Atlanta Chapter Spring Golf Tournament

E-mail scanned form to: john.d.pruitt@jci.com

Payment:

Mail form & payment to: (Payable to "Atlanta ASHRAE Chapter")
John Pruitt
4435 Nassau Way
Marietta, GA 30068

OR

Visit:

<http://www.ashraeatlanta.org/>



Please feel free to contact John Pruitt @
john.d.pruitt@jci.com with questions.

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Atlanta Chapter ASHRAE
Charlie Fischer
Atlanta ASHRAE President 2011-2012

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