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January 2007

Quaker City CLIMATE

JOURNAL OF THE PHILADELPHIA CHAPTER OF THE AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS, INC.

PHILADELPHIA CHAPTER

Technical Presentation

Sustainability

*Providing for the needs of the
present without detracting from the
ability to fulfill the needs
of the future.*

Presented by

Brad Randall
Bruce E. Brooks & Associates

and

Tom Kirk
Bohlin Cywinski Jackson Architects

Tabletop Presentation

Clapp Associates

Thursday, January 11, 2007

Joint Meeting with DVGBC

5:00 PM to 6:00 PM
Social Hour/ Tabletop Displays

6:00 PM to 8:00 PM
Dinner / Technical Program

STRENGTHEN OUR MEMBERSHIP!

Ask for a Membership Application at our
Events' Reception Table -
Pass it along to a Friend
or Colleague!

LOCATION

Colleen's on the Parkway
Parktowne Place Apartments
South Building
22nd & Ben Franklin Parkway
Philadelphia, PA

Parking is available on the street
or through valet service at the
entrance to the restaurant.

FOR RESERVATIONS

Call (610) 971-2169
or Email
philachapter@mail.ashrae.org

RESERVATION NOTICE

Reservations must be made
no later than 12:00 Noon
on Tuesday, January 9, 2007

COST

Local Chapter Members Reservation
\$30
Late Registrations & Walk-ups
\$45
Non-local Dues Paying Attendees
\$35
Members 30 years & under
\$10 Discount

Student Members
\$10

Reservations not cancelled by 12:00 noon
on January 9th will be
billed the full amount.
The Chapter will no longer
bear the cost of "no-show" meals.

From Our President

Our December breakfast meeting at The Union League was a huge success! Despite the distractions of a busy holiday season, a capacity crowd turned out to hear Howard Alderson speak about Geothermal Technology. We were also joined by George Wells, Regional Vice Chair for Membership Promotion, who drove up from Delaware on a foggy morning. There was plenty of positive feedback from our members who attended, and we hope they will spread the word to those who didn't.

The Philadelphia Chapter of ASHRAE is constantly evolving to better serve our members. Countless hours of work go into the business of ASHRAE, and it becomes easy to forget this is not a business. ASHRAE runs on volunteers, and we are fortunate to have a dedicated and talented group pushing our chapter forward. Help us carry this momentum into 2007 by participating. Join us for our January meeting at Colleen's, and keep up the good work.

From our ASHRAE "family" to your family, Happy New Year!

Steve Piccolo

Save the Date!

The Philadelphia Chapter of ASHRAE will have a table at the AEE Globalcon event in Atlantic City on April 4 and 5, 2007.

Go to www.globalconevent.com for further information.

Please Take Note . . .

The February 8th meeting of the Philadelphia Chapter of ASHRAE will be held at Cescaphe Restaurant, not Colleen's as previously noted on the program schedule on page 4 and on our web site.

Fifth ASHRAE Meeting 2006/2007 Fiscal Year Thursday January 11th, 2007

Our fifth meeting this year will be held at Colleen's Restaurant located at 2200 Benjamin Franklin Parkway, Suite 2A in Philadelphia. The Cash Bar opens at 5:00pm and the dinner starts at 6:00pm. There will be hors d'oeuvres served starting at 5:00pm.

The technical presentation will begin at 6:30pm and run until approximately 8:00pm.

Parking is available onsite on the street on through the Valet Service at the entrance to the restaurant.

Tabletop Presenter: Larry Snyder, Clapp Associates

Topic Schedule:

Sustainability

"Providing for the needs of the present without detracting from the ability to fulfill the needs of the future"

A green building is one that achieves high performance over the full life cycle. The presentation will discuss the following areas:

- Minimal energy consumption due to reduction of need and more efficient utilization of both renewable and non-renewable natural resources.
- Minimal atmospheric emissions having negative environmental impacts.
- Minimal discharge of harmful liquid effluents and solid wastes.
- Minimal negative impacts of site ecosystems.
- Maximum quality of the indoor environment.

Case Study: Green Engineering, a study of integrated design.: Haverford College Athletic Center.

January Meeting Presenters

Brad Randall

Mr. Randall is a principal with the engineering firm Bruce E. Brooks & Associates. The firm emphasizes energy efficiency and protection of the environment on all of their projects. Project engineering experience includes work at universities, libraries, commercial office buildings including high rise, religious institutions, theaters, medical facilities, historic facilities, visitor centers, museums, and laboratories. Mr. Randall believes that the engineer's primary role is that of a positive contributor to the design team, in collaboration with the architects, owners, other consultants, and the contractors. He was a member of the design teams for several projects that have been recognized for their success in embracing the principles of sustainable design, including the Cusano Environmental Education Center, WRT offices (LEED CI Gold), Sidwell Friends Middle School (LEED NC Platinum, approval pending) and the Gardener Integrated Athletic Center at Haverford College (LEED NC Gold). Brad is a registered professional engineer in several states and LEED accredited professional. He is a long-time member of ASHRAE, NFPA, ASPE, and is currently co-chair of the Delaware Valley Green Building Council membership committee.

Tom Kirk

Mr. Kirk is a project manager at Bohlin Cywinski Jackson Architects where he focuses primarily on projects for academic institutions that embrace sustainable design issues. While at BCJ, he has contributed to large projects for regional institutions including Lehigh University and Princeton University as well as smaller scaled, award winning projects such as the New Field House for Germantown Friends School. Tom was the project manager for the recently opened Gardner Integrated Athletic Center at Haverford College, which has been awarded the US Green Building Council's Gold rating. Other projects include the Campus Square Student Housing and Parking Garage at Lehigh University, the South Campus Master plan for Haverford College, the Master Plan for Trinity College, and an Expansion Plan for the Corning Museum of Glass. Mr. Kirk is a registered Architect in Pennsylvania, a LEED Accredited Professional, and a member of the Delaware Valley Green Building Council.

December Meeting Photo



Howard Alderson, PE of Alderson Engineering, Inc., makes his presentation on "Geothermal Technology" at the December breakfast meeting.

PHILADELPHIA CHAPTER ASHRAE 2006 - 2007 PROGRAMS

For reservations and updates, check www.ashrae-phila.org.

Date	Location	Pre-Dinner Topic	Dinner Topic	Theme
Thursday Jan 11, 2007	Colleen's	Educational Product Displays	Sustainability Topic Sponsor - J. Pardekooper/ DVGBC	Joint Meeting with DVGBC
Thursday Feb 8, 2007	Cescaphe	Educational Product Displays	Air Distribution Sponsor - A. O'Pella	Student Night (Joint Meeting with SMCA)
Thursday March 8, 2007	Cescaphe	Table Top Vendor Show	Panel Discussion Sponsor - J. Pardekooper	GPBPA
Thursday April 12, 2007	Colleen's	Educational Product Displays	Humidity Control Sponsor - G. Lawler	Past Presidents Night
Thursday May 10, 2007	Spaghetti Warehouse	Educational Product Displays	Design Errors Sponsor - L. Snyder	ASHRAE Scholarship Night
Thursday June 14, 2007	Temple University Campus	Program Planning Meeting for 2007-2008		

PLEASE COPY AND POST ON YOUR BULLETIN BOARD AT WORK.

Check
www.ashrae-phila.org
for further information
on the
Philadelphia Chapter!

2006-2007 Directories are Available Now!

The 2006-2007 Philadelphia Area Directory -
Associations, Consulting Firms, and Manufacturers'
Representatives
is in stock. It sells for \$20 each.
Payment should be sent with your order to:

Philadelphia Chapter ASHRAE
994 Old Eagle School Road
Suite 1019
Wayne, PA 19087-1866

ASHRAE SCHOOL COORDINATOR

Position Available for Academic Year 2006-07

- Manage the Basic and Advanced Classes which run from September to April
- Initial assistance from previous coordinator, Larry Snyder
- Advertise courses, contract the class location, interview and select the instructors
- Determine the order and schedule of content for both courses
- Register students (~ 20 in Basic and ~ 10 in Advanced) and collect payments
- Develop computer database of instructors and students
- Submit invoices to pay instructors
- Opportunity to teach your specialty in the Basic or Advanced class
- Salary commensurate with part-time professional in education
- Contact Steven Ridenour, ASHRAE Philadelphia, 215-204-8825, steven.ridenour@temple.edu

We Need Your Email Address!

The Quaker City Climate, the monthly newsletter of the Philadelphia Chapter of ASHRAE which is published September through May, is now distributed only by email, unless a Chapter member contacts our office and specifically asks that they continue to receive a hard copy by mail.

This is a cost savings for the Chapter and eliminates lost time due to mail delays. This is also useful to distribute meeting reminders and urgent information in a timely manner.

Don't miss the latest information on meeting dates, locations, and speakers, as well as other news of interest to engineers in the Philadelphia area!

Please email us at hope@multiservicemgmt.com to be added too our email distribution list, if you are not included already.

We will keep your email address confidential!

Philadelphia ASHRAE Chapter Colleague Opportunity

A great opportunity exists for you to become involved with the Philadelphia ASHRAE Chapter as a Committee Colleague. Together with the Board of Governors and assigned Committee Chairpersons you will assist in Chapter operations throughout the upcoming year. We are seeking to recruit a minimum of three (3) Colleagues for each of eleven (11) defined committees.

Benefits:

- Learn Chapter operations and assist in expediting resolutions.
- Complete the first step for advancement to a local Chair or Board position.
- Develop networking opportunities with fellow industry associates.
- Potentially receive PDH credits for involvement in ASHRAE chapter affairs.
- Be accorded one Chapter Meeting dinner credit.
- Receive a Certificate of Appreciation from the Chapter suitable for display.
- Be recognized in our monthly newsletter and at our yearly Region III Meeting.

For further information reply via email to:

iaqinc@comcast.net

Subject: ASHRAE Colleague Opportunity

Please include the following information as a minimum:

1. Name and preferred mailing address.
2. Company affiliation.
3. Position in your firm.
4. Phone, fax, and cell numbers.
5. Colleague at Large or committee preference.

Take the initiative to reply to this opportunity as soon as possible seeing that our programs will commence in September, we would like to have you onboard at the beginning of this year's schedule.

Thank you for your time and look forward to your response.

Respectfully,
Ken Strup, CxA
ASHRAE Philadelphia Chapter
Past President, Current Sr. Governor, & Committee Chair

2007 AHR Expo Dallas Convention Center January 29-31, 2007

HVAC/R Engineers need **INFORMATION**...fresh, new, innovative, ahead of the curve, practical information to excel in their jobs.

Next January in Dallas, the AHR Expo and ASHRAE will pull together in one place all of the resources an engineer could ask for to generate creative alternatives and make the best decisions.

- Of the 1,600 plus exhibitors, research has indicated that 57% will be showing their newest products of specific interest to engineers. Many exhibiting companies will also bring their own top engineers to discuss project specifics.
- ASHRAE will be offering Professional Development Seminars and Short Courses for which attendees will receive PDH's.
- Endorsing Associations will be offering brief educational sessions with an emphasis on practical application.
- ASHRAE's Winter Meeting will offer numerous opportunities to learn about cutting edge technologies, best practices..etc
- With tens of thousands of HVAC/R professionals converging on Dallas, there will be limitless networking opportunities.
- Two special sections on the show floor make it easy to find the latest in Building Automation & Controls and Industry related Software.

For three days in January engineers will be able to gather a tremendous amount of valuable information by visiting two concurrent events in ONE place: **the 2007 AHR Expo and ASHRAE's Winter Meeting.**

www.ahrexpo.com

Get the best rooms at AHR for less!

Travel Planners is the only official housing provider for the AHR Expo. Their low rates will beat any you'll find on the Internet or by calling the hotel directly. Reserve your room with them to receive these exclusive benefits:

- * The best rooms for the absolute lowest prices.
- * No prepayment - you pay the hotel directly when you check out.
- * No added fees if you need to change or cancel your reservation.
- * Complimentary shuttle service to and from the Expo.
- * The chance for you to win one of ten \$50 Target GiftCards - just for booking before December 12, 2006!

And there's even more good news if you reserve your room with Travel Planners. Your reservation will be:

- * Expandable. You can book one room or an entire group in a single online session.
- * Supported On-Site. The Travel Planners service desk will be available on-site at the AHR Expo for full support from check-in to check-out.
- * Connected. Earn points in your hotel loyalty programs, even if you book with them.
- * Informative. Their online profiles tell you all about each hotel. View maps, pictures and more so you really know what you're getting.

You can reach their reservation system at www.ahrexpo.com, where you'll find current information about the event, including dates and program schedule.

Simply book your hotel reservation through Travel Planners today and you'll be entered to win a Target GiftCard! Details are at www.tphousing.com/ahr/.

For help with reservations or if you have questions about our hotel program, contact them via email at ahr@tphousing.com or by phone at (800) 221-3531.

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ASHRAE

Technology for a Better Environment

1791 Tullie Circle, NE Atlanta, GA 30329-2305 USA Tel 404.636.8400 Fax 404.321.5478 <http://www.ashrae.org>

Gary C. Debes

ASHRAE Region III Member

Reply to: 998 Caln Meetinghouse Road

Coatesville, PA 19320-2109

610-384-3076

Fax 610-903-4296

Cell 484-886-7400

gary.debes@mail.ashrae.org

December 22, 2006

Dear Region III Members:

I have the pleasure of inviting you to attend the **Region III Winter Meeting Dinner**. It will be held on Monday, January 29, 2007 at The Y. O. Ranch Steakhouse, 702 Ross Avenue at Market Street, Dallas, Texas 75201. Tel (714) 744-3287.

You are cordially invited to join other members from Region III for an evening of delicious food, drinks and fellowship.

The Y. O. Ranch Steakhouse is a short ride on the light rail (Trolley) on Market Street with a stop in front of the Adam's Mark. We will meet at the restaurant bar for cash bar.

Dress is business casual.

The schedule for the evening has been arranged as follows:

- 6:00 PM Meet at the Adam's Mark lobby to take a trolley ride to the restaurant.
6:30 PM Arrive at The Y. O. Ranch Steakhouse for cocktails.
7:30PM Dinner will be served. Our menu:
- Prime Aged Beef Filet Mignon: Served with smoked mashed potatoes and mixed veggies, or
 - Sautéed Chicken Breast with a Wild Mushroom Brandy Sauce: Served with wild rice and mixed veggies, or
 - Grilled Salmon Filet with Bruschetta Butter: Served with wild rice and mixed veggies, or
 - Vegetarian Selection: Steamed vegetables.

For Starters: A house salad of spring mix tossed with garlic cilantro vinaigrette, caramelized pecans, Granny Smith apples and goat cheese or Seafood Bisque Soup.

Dessert: Coconut Mousse with a Banana Crème or German Chocolate Torte.

Iced Tea, Coffee and Soft Drinks.

(continued on next page)

The price for this great evening is \$50.00 per person. Please complete the reservation form below and return it to me, along with your check made payable to: "**ASHRAE REGION III**", so that I will receive it **no later than Monday, January 22, 2007.**

If you cannot mail it by that date, fax or e-mail your dinner reservation to me but, please, bring your check with you to dinner. It is really important to respond quickly; I must make firm reservations before the ASHRAE meeting begins. **THANKS !!!**

Once again, I look forward to seeing you on January 29th!!!!

Name _____	Filet Mignon _____	Quantity _____
Name _____	Chicken Breast _____	Quantity _____
Name _____	Salmon Filet _____	Quantity _____
Name _____	Vegetarian _____	Quantity _____
Total Quantity _____		X \$50.00 = _____

NOTE: MAIL BACK OR FAX THIS RESERVATION TO GARY DEBES AT:

Gary Debes
998 Caln Meetinghouse Road
Coatesville, PA 19320
(610) 384-3076
(610) 903-4296 Fax

Please use this reservation as your receipt

Please help the ASHRAE Research 2006-2007 Fund Drive by filling out this Donor Form and sending it to national headquarters in Atlanta this week. Have you asked your company if they have a matching gift program? Remember every dollar you donate to this worthy cause is doubled by ASHRAE Society! If you have any questions, please contact Jeff Gilbeaux, Research Promotion Chairman, at galengineering@comcast.net.

ASHRAE RESEARCH - Donor Form Philadelphia Chapter 21 - Region 3

1) Type of Contribution;

☐ Individual

☐ Corporate

☐ Memorial To: _____

Please attach the details for the acknowledgment to, relationship to, and addresses.

2) Level of Contribution;

☐ Golden Circle (\$10,000 and greater)

☐ Research Partner (\$5,000-\$9,999)

☐ Research Associate (\$2,500-\$4,999)

☐ Research Major Donor (\$250-\$2,499)

☐ Research Honor Roll Donor - Individual (\$100-\$249)

☐ Research Honor Roll Donor – Corporate (\$150-\$249)

☐ Research General Donor (Less than \$100 Individual/\$150 Corp.)

3) Method of Payment;

A) Attach Check (Payable to “ASHRAE Research”)

Please note on check “Phila- Chapter 21”

B) Credit Card

☐ O-Visa ☐ O-Master Card ☐ O-AMEX

Date: _____ Signature: _____

Card #: _____ Exp. Date: _____

Note: All contributions are fully deductible under section 170 of the IRS code.

4) Donor Information:

Name: _____

Member # (If ASHRAE member): _____

Corporation Name (If Corp. Donation): _____

Address: _____

Phone : Home: _____ Business: _____

E-Mail: _____

5) Send this completed form to: ASHRAE RESEARCH, 1791 Tullie Circle, NE, Atlanta, GA 30329

AFFILIATE MEMBERSHIP GRADE

For an Annual Dues of \$40, Applicants under Age 30 can Join ASHRAE at this introductory membership level. Membership tenure in this grade is limited to three (3) years.

Affiliate Members Benefits Affiliate Members receive monthly issues of the ASHRAE Journal and Insights Newsletter. The annual handbook is not a benefit of this grade.

Qualifications

An Affiliate Member shall have the same qualifications as an Associate Member. They are:

1. Experience in technical matters or in design, operation, or maintenance in heating, refrigerating, air conditioning, or ventilating fields.
2. An interest in the in the advancement of the Society's aims.
3. Possess sufficient qualifications to cooperate with heating, refrigerating, air conditioning, or ventilating engineers in the advancement of relating to heating, refrigerating, air conditioning, or ventilating engineering and its application.

Limitations

- You do not receive ASHRAE Handbook with membership. You do not receive *ASHRAE Insights*. You get a one-time discount (20% off) on all Handbook items.
- You can serve on Chapter committees, but cannot hold office or vote at Chapter, Regional or Society level.

Contact For Receiving Application

Go to www.ashrae.org and click on "Join" in the upper right corner. This will take you to a page describing each membership grade, its benefits and qualifications, and a link to membership application forms.

MEMBERSHIP ADVANCEMENT!

Any Associate Member meeting the following requirement can apply for Advancement to the more entitling Member grade. By ASHRAE society definition:

A member shall have the equivalent of twelve society-approved years of experience composed of an approved combination of: (a) completed education beyond high school, (b) work experience, and (c) professional engineering or related registration or license issued by a legally authorized body.

All technical and scientific education shall be based on curricula approved by the Board of Directors.

Approved engineering curricula shall be equivalent to the accredited by the Accreditation Board of Engineering and Technology in the United States of America or the Canadian Engineering Accreditation Board. Scientific education in fields other than engineering shall be from a college or university course of study that has been accredited by an organization charged with monitoring standards of performance. *Society approved years of experience shall be credited as follows:*

One and one-half years of credit for each year of completed education for graduates of approved technical curricula. One year of credit for each year of education for non-graduates who have completed a least two years of approved technical curricula. One year of credit for each year of completed education for graduates of colleges or universities which do not have accreditations. Those holding associated degrees from technical institutions shall also be credited for one year for each year of education.

One year for each year of qualifying work experiences in the performance of duties in work related to ASHRAE fields of interest and shall have included research, teaching, design, contracting, engineering sales or engineering management.

Three years of credit for professional registration of license issued by a legally authorized body in engineering or related fields, the requirements of which as to education, examination, and active practice are satisfactory to the Board of Directors.

More information is available on the ASHRAE website (www.ASHRAE.org) under menu items Membership Resources...Manage Your Membership, the above definition is extracted from such application information in PDF file format. The application can also be filled interactively online. ASHRAE sends members who upgrade a \$20 gift certificate usable at the ASHRAE bookstore or towards ASHRAE membership renewal.

Employment Opportunities in Reading, PA

Electrical Engineer

Responsible for design of electrical and communication systems for industrial, institutional and commercial facilities. Electrical power feeder and distribution systems, grounding, interior and exterior lighting, conditioned and standby power systems, surge protection, fire alarm systems and voice data wiring and equipment. Must have good NEC knowledge and experience. Experience with construction administration and direct contact with contractors and/or maintenance staff. Must have PC proficiency including electrical design and analysis software. BS in Electrical Engineering and PE required.

Electrical Engineering Group Manager

Manage electrical design technical issues for industrial, commercial and institutional building projects. The position requires established management, planning and technical skills. This individual will be the responsible engineer for some projects while directing activities of engineers/designers on others. Must have experience with evaluation, selection and coordination activities of other consultants, contractors and clients. Will also participate in business development activities and assist with staff management/development; must be able to effectively mentor less experienced staff members. BSEE or related degree & P.E required; 15-20 yrs design exp. of electrical and communication systems for industrial, institutional and commercial facilities in an engineering/consulting firm required.

Indoor Air Quality Manager

SSM has a unique career opportunity in our growing Occupational Health & Safety Consulting Group. Qualified candidates must have extensive experience conducting field inspections in commercial and institutional facilities to identify pollutants and their sources, sampling, interacting with facility owners and occupants and preparing written reports to include findings and recommendations. BS in occupational health and safety, industrial hygiene or related degree required; 10-15 years IAQ/IH experience desired. Position involves a flexible work schedule and travel (valid driver's license and personal vehicle required - mileage reimbursement provided).

Indoor Air Quality/Industrial Hygiene Specialist

Principal duties and responsibilities include performing field inspections to identify pollutants and their sources, performing sampling as appropriate, interacting with facility owners and occupants and preparing written reports to include findings and recommendations. Additional responsibilities may include conducting industrial hygiene surveys following NIOSH/OSHA approved methodology and

conducting training for various health and safety related topics. 2-5 years experience performing indoor air quality/mold investigations and sampling in commercial and institutional facilities highly desirable but will consider entry level. Must possess a broad understanding of indoor air quality problems and causes, previous experience with microbiological and chemical investigations and remediation, as well as HVAC diagnostics. BS in occupational health and safety, industrial hygiene or related degree required. This position involves a flexible work schedule and travel (valid driver's license and personal vehicle required - mileage provided according to SSM's reimbursement policy).

Mechanical/HVAC Engineer

Design and preparation of scope, plans and specifications for industrial, commercial and institutional building projects; focusing on the various building systems, water systems and other site utilities. Must be knowledgeable and experienced with compliance information for all federal, state and applicable local codes.. BSME or related degree & P.E required. 10-15 years directly related Plant and Facilities Engineering experience. Proficiency in AutoCAD desired.

Mechanical/HVAC Engineering Group Manager

Manage technical issues for industrial, commercial and institutional building projects. The position requires established management, planning and technical skills. This individual will be the responsible engineer for some projects while directing activities of engineers/designers on others. Must have experience with evaluation, selection and coordination activities of other consultants, contractors and clients. Will also participate in business development activities and assist with staff management/development; must be able to effectively mentor less experienced staff members. BSME or related degree & P.E required; LEED Certification preferred. 15-20 yrs directly related Plant and Facilities Engineering experience with an engineering/consulting firm required.

SSM is a multi-discipline engineering and consulting firm serving business, industry and government for more than 70 years. We offer a corporate experience with challenge, autonomy, respect, and potential to over 170 staff members. Visit our website for more information regarding these and other open positions.

Submit resume and cover letter at www.ssmgroup.com or mail to Spotts, Stevens and McCoy, Inc., ATTN: Eileen Becker, 1047 N. Park Road, P.O. Box 6307, Reading, PA. 19610-0307.

EOE M/F/D/V/Drug-free workplace.

Member Services

Members who would like stay on top of the **latest news from ASHRAE** may join the News Release List Serve at <http://www.ashrae.org/template/AboutLinkLanding/category/1584>.

If you or your company are hiring, please take a moment to **review the resumé of chapter members** and students which have been posted on the chapter website at www.ashrae-phila.org/resumes.html.

Any member who wishes to **have their resumé posted on our website**, or who would like to update it, can email our webmaster, Seth Weiss, at sweiss@comcast.net. The file must be in pdf format and will be posted for 3 months.

For **Video Resume And Job Opportunities**, visit online portal: www.LookFirst.net.

Looking for work? See jobs posted at STEP, Inc. Send an updated resume to admin@step-inc.com in Word format to be considered for any of these opportunities. Keep in mind that this is a totally FREE SERVICE to any of our applicant clients.

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roger@prcstaffing.com
www.prcstaffing.com

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This is your newsletter.
We welcome your input and comments.

The *Quaker City Climate*
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994 Old Eagle School Road, Suite 1019
Wayne, PA 19087-1866
610.971.2169
fax 610.971.4859
ashrae-phila.org

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is expressly forbidden without official Chapter authorization.
The Chapter does not speak or act for the Society.
Any member with material to submit for inclusion
in the *Climate* can send the information to:

Bob Carpenter
Coward Environmental Systems, Inc.
501 Birchfield Drive
Mount Laurel, NJ 08054-4005
or email: bob@cowardenvironmental.com
or call: 856-727-4400
or fax: 856-727-4344

Material can include letters to the editor,
member news, upcoming events,
comments on chapter programs or issues, etc.