



The PENNANT

Central PA ASHRAE Newsletter

<http://www.cenpenn.ashraechapters.org>

December 2008

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Publicity and Webmaster

Dear Mark,

Welcome to the new format of the Pennant! With spam and junk mail filters becoming more stringent we found the Pennant was getting through to less and less subscribers (sometimes even yours truly). In November, we used the new e-mail service for the first time, distributing the previous format of the Pennant, and it was indeed more successful. Bounce backs were minimized to a handful, and the email reached twice as many subscribers than previous months.

With our transition to the new e-mail service nearly complete, I will be focusing much of my attention to another goal -- Growing the Chapter. In many ways our Chapter is very strong. By the metrics set forth by Society, we have done well and in some cases received awards for the activities/contributions of our Chapter. It is the intention of the board to continue with our success and exceed our previous performance rather than to repeat it.

We want you to join us in our growth and success! We want you to serve as a leader in the Chapter!

The only requirement -- the desire to do the work of ASHRAE (assuming you are a member in good standing). I have fielded many questions over the years about my service to the Chapter, and for some reason most of the questions revolve around how much time I spend completing the work of my current position. Inevitably, the follow up question is how I find the time. My answers to the questions are not consistent but what is consistent is the look of astonishment on the other persons face. It has only been in the last year that I realized that people were not astonished by the quantity of time (3-4 hrs a month plus the monthly meeting) but by the fact I actually wanted to do the work of ASHRAE.

In closing, I ask that you open one of the handsome hardbound handbooks you get as an ASHRAE member -- review the list of chapters contained in all four volumes -- consider the impact ASHRAE has everyday in your career. The American Society of Heating, Refrigerating and Air Conditioning Engineers will advance the arts and sciences of HVAC&R to serve humanity and promote a sustainable world -- be an active participant in this advancement. Contact us today!

Mark Tome, PE
mat@ba-inc.com
717-845-7654 x237

Meeting Announcement
History Night

Virtual Keg Sponsored by Energy Opportunities, Inc.

Wednesday December 10th 2008

[Mark Graybill](#)

Student Activities
[Rachel Voigtland](#)

Newsletter Editor
[Brent Adams](#)

Historian
[Andrew Odell](#)

Join Our Mailing List!

Appalachian Brewing Company, 50 N. Cameron St., Harrisburg, PA

5:00 - 6:00 Tech Session - Integrated Design (Marcus B. Sheffer)
6:15 - 7:00 Dinner
7:00 - 8:00 Program - How to Use Energy Modeling On Projects (Marcus B. Sheffer)

Tech Session - Integrated Design (Marcus B. Sheffer)

Integrated Design is the key to designing high performance and LEED Certified buildings within conventional project budgets. It requires participation of Owners and the complete design team (Architects, MEP and Civil Engineers, Estimators, Acoustical and Lighting Consultants, and ideally Contractors) from the earliest stages of schematic design to establish project goals and ensure they are implemented throughout the design process.

Program - How To Use Energy Modeling On Projects (Marcus B. Sheffer)

Energy modeling plays a key role in integrated design and constructing Green Buildings within budget. The main modeling protocol used to evaluating improved building performance for LEED projects is Appendix G in ASHRAE 90.1-2004, but the Energy Cost Budget Method is used to demonstrate building compliance with ASHRAE 90.1. Learn the differences and the value of modeling buildings early in a project to help in making decisions during design.

Marcus B. Sheffer is an energy/environmental consultant with over 25 years of experience. His company, Energy Opportunities, Inc. provides technical consulting services on projects relating to energy management, efficiency and conservation; renewable energy systems, and the environmental impacts of human enterprises. Mr. Sheffer is also a partner in 7group, a multi-disciplinary team of professionals focused on sustainable development. 7group serves the US Green Building Council as LEED Certification Reviewers (one of 10 firms in the country). He is a USGBC Faculty member for several LEED-NC trainings. Volunteer activities include leadership positions with the Green Building Association of Central PA and the US Green Building Council (LEED Steering Committee and Vice-Chair Energy & Atmosphere Technical Advisory Group). Professional memberships include ASES, ASHRAE, IESNA, and the USGBC. Prior to forming Energy Opportunities in 1993, he was employed by the Pennsylvania Energy Office. Sheffer earned a Bachelor of Arts degree in Environmental Studies in 1981 and a Master of Science degree in Public Administration in 1986, both from Shippensburg University.

Reservations: toddp@TriangleRefrigeration.com or (717) 656-5720 ask for Todd Postlethwait

Deadline: Monday, December 8th at 11:00 a.m. PLEASE!

Chapter Members: \$30.00
Non members: \$40.00
Retired: \$ 5.00
Students: Free

Note to all Chapter Officers and Committee Chairs: Chapter Officers, Board Members and Committee Chairs have standing reservations. If you do not RSVP by the deadline, you will be billed for the fun time you missed.

Schedule of Events

Date & Location	Event
September 10 - Wyndham Garden 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Past Presidents <i>Dedicated Outdoor Air Systems</i> <i>Active Chilled Beams</i>
October 8 - ABC - Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Membership Promotion Solar Technology Solar Tubes

November 12 - ABC - Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Research Promotion Engineering and Insurance Legal Issues
December 10 - ABC Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	History Night Integrative Design USGBC Appendix G
January 14 - TBD 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	With AEE ASHRAE 90.1 Standard 2007 ASHRAE 189.1 Standard High Perf. Building
January 21 - TBD Professional Development Seminar 7:45 - 8:30 AM REGISTRATION & CONTINENTAL BREAKFAST 8:30 AM - 12:30 PM SEMINAR	"Stuff You Don't Learn in Engineering School" By Carl S. Selinger Learn important soft skills that engineers and other professionals need to know
February 11 - TBD 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	YEA Night Renewable Energy Geothermal/Wind/Solar
March 11 - Location 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Gettysburg National Battle Field Museum Tour TBD
April 8 - ABC - Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Student Activities Night Social with Students Thesis Presentations by AE Students
May - TBD	Family Night TBD
July - TBD	Golf Outing to benefit ASHRAE Research

Professional Development Seminar Announcement

"Stuff You Don't Learn in Engineering School"

A SEMINAR OFFERED BY

THE CENTRAL PENNSYLVANIA CHAPTER OF ASHRAE

Wednesday, January 21, 2009

LOCATION TO BE DETERMINED

Presenter: Carl S. Selinger

Carl Selinger is an independent consultant helping organizations with business strategy and applying new technologies, to increase customer satisfaction and enhance financial performance. Carl also gives professional development seminars - including his unique "Stuff You Don't Learn in Engineering School" - to teach the non-technical soft skills that are important to be effective in today's competitive real world. He is a globally-published author whose book and articles appear widely.

Carl is a frequent guest speaker for facilitates strategic planning sessions, focus groups and brainstorming sessions. His seminar, "Stuff You Don't Learn in Engineering School," has helped several thousand engineers and other professionals over the past decade learn non-technical soft skills -- like decision-making, setting priorities, negotiating, teamwork, running meetings, and writing and speaking better -- to be more effective and happier persons. Articles on these themes appear regularly in IEEE Spectrum magazine, where he is a Contributing Editor. His book *Stuff you Don't Learn in Engineering School: Skills for Success in the Real World* has been published by Wiley-IEEE Press.

Carl has extensive college teaching experience: Adjunct Professor of Civil Engineering at The Cooper Union teaching urban transportation planning for 30 years; and graduate-level planning courses at SUNY Maritime College. He has taught aviation, transportation and marketing courses at Pace University, New Jersey Institute of Technology and City University of New York (York College and City College). He is a faculty advisor to Cooper Union's chapter of Tau Beta Pi (the national engineering honorary society), which elected him "Eminent Engineer". Carl is Past President of the Cooper Union Alumni Association, and was Cooper Union's "1993 Alumnus of the Year."



Carl holds civil and transportation engineering degrees from Cooper Union, Yale University, and Polytechnic University. He has been active professionally: Associate Member, Airports Council International - North America (ACI-NA) on the Business Information Technologies Committee and was liaison with the Business & Commercial Management Subcommittee; American Society of Civil Engineers (ASCE); Institute of Transportation Engineers (ITE); American Society for Engineering Education (ASEE); and Women's Transportation Seminar (WTS), where he mentors young professionals.

The unique four-hour *Stuff You Don't Learn in Engineering School* seminar covers the most important soft skills that engineers and other professionals need to know. These non-technical skills include: decision-making, setting priorities, being effective at meetings, better speaking, writing and listening, teamwork, leadership skills, understanding themselves and others, managing stress, action planning, and other skills. Shorter presentations cover fewer topics -- usually decision-making, setting priorities, and meeting effectiveness -- and then overview other soft skills.

SEMINAR COST

Cost for the Seminar is \$TBD. Continental breakfast and coffee/soda break will be included in the cost.

Checks/cash will be collected at registration *on the day of the seminar*. Make checks payable to: CENTRAL PENN CHAPTER ASHRAE. *Sorry, we do not accept credit cards.*

All attendees will receive a Certificate of Attendance documenting 4 Professional Development Hours.

RSVP

Email your RSVP to: Tom Long - thomas.long@mail.ashrae.org

Please RSVP by Monday, January 12th. This seminar will fill up quickly so RSVP early! Include your name, phone number, and company/school name.

SEMINAR SCHEDULE

Registration & Continental Breakfast 7:45 - 8:30 AM

Seminar 8:30 - 12:30 PM

Bulletin Board

**Awards, Promotions, New Employees, New Members,
Weddings/Births/Deaths/Anniversaries, etc. (posted free of
charge)**

Put it in the Pennant - Send your announcements to
Brent Adams - badams@fswelsford.com

We also publish employment opportunities.

The cost is \$50 per issue.

Job Opening



Mechanical Engineer

McClure Company, a PPL Energy Services Company and the region's largest mechanical contractor, is seeking a mechanical engineer to support growth in the energy & engineered services business.

Position Description:

The daily activities of the position will include any combination of the following:

Conduct field surveys to assess existing conditions, customer needs and begin problem analysis.

Perform design calculations using sound engineering practices and

experience.

Prepare equipment or material specifications for purchasing.

Interpret submittals, architectural, structural, piping/plumbing and mechanical drawings.

Design and layout of HVAC, Plumbing/Piping systems on commercial, institutional, pharmaceutical and healthcare projects using AutoCAD Software.

Work with internal resources to estimate project cost.

Communicate directly with field construction personnel, customers and equipment vendors.

Coordinate project execution with construction management, field personnel and subcontractors.

Applicant Requirements and Skills:

Experience in commercial HVAC and plumbing design using AutoCAD version 2005 (Building Systems or MEP experience a plus).

Excellent communication skills, both written and verbal.

Excellent organizational skills.

Familiarity with the A-E design process as well as a general knowledge of the construction process.

Ability to manage multiple priorities.

Excellent computer skills including Microsoft Word, Excel and MS Project.

Bachelor's degree in engineering or related technical degree.
Minimum of 2 - 4 years experience required (PE License a plus).

McClure Company provides a full benefit package, including medical, prescription, vision and dental for all employees and their dependents at no cost, as well as a 401k/profit sharing plan.

Please forward resume and cover letter to:

Human Resources Coordinator, McClure Company
PO Box 1579
Harrisburg, PA 17105-1579
Or e-mail to: MichelleSullivan@McClureCo.com

Company website: www.McClureCo.com, No phone calls please.