

THE PRESIDENT’S CORNER

Mike Mattox

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Historian

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Thank you for everyone’s interest and attendance at last month’s meeting. We had a great program; however it was smaller than our usual attendance for a joint meeting with USGBC. I think a lot had to do with the Record Attendance of 57,000 HVAC&R professionals that attended the largest AHR Expo in its 82 year history in Chicago. Sorry for the scheduling conflict with the ASHRAE Winter Conference, but we had to work around our speaker’s schedule...

I attended the weekend Student Program with 5 students from UC & Cincy State. Dustin Brisset, Vishnu Gopalakrishnan, Vignesh Gopal and Avinash Raghuram from **UC received the “Rising Star” Award for the Integrated Sustainable Building Design Contest!** And Brian Dougherty from Cincy State was able to attend technical programs and network with other students. All the students spoke very highly of the programs and networking events they attended.

Included in this newsletter is Tom Yu’s Resume, a current UC student, that is interested in a Co-Op starting in Mid-March for approximately 20 hours/week. You might have met Tom at last year’s event where he accepted the ASHRAE National Scholarship. He is also a student in the HVAC design course this year led by ASHRAE Student Advisor Rag Manglik. I hope that you will consider him for a co-op position, feel free to contact him directly for further information.

The monthly meeting topics have changed slightly, our March program will focus on the AMCA 260 standard for Laboratory Exhaust. Please take a look at the updated calendar in this newsletter. We hope you can join us at the monthly events, please invite your colleagues, customers and anyone else that will get value out of the meeting topics and discussions.

February 14th Meeting Announcement – William P. Bahnfleth, Ph.D., P.E. Penn State University, Fundamentals of Ultraviolet Germicidal Irradiation for Air and Surface Distribution

- Tuesday Feb. 14th at the Crowne Plaza in Blue Ash.
(11:30 – 1:00pm)

Best Regards,

Mike Mattox
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513-518-0734 mobile

Cincinnati ASHRAE News

A monthly publication of the Cincinnati Chapter of the American Society of Heating, Refrigeration & Air Conditioning Engineers



WILLIAM P. BAHNFLETH, Ph.D., P.E.
Department of Architectural Engineering
The Pennsylvania State University
University Park, PA

William Bahnfleth is Professor and Director of the Indoor Environment Center in the Department of Architectural Engineering at the Pennsylvania State University (Penn State) in University Park, PA, where he has been employed since 1994. Previously, he was a Senior Consultant for ZBA, Inc. in Cincinnati, OH and a Principal Investigator at the U.S. Army Construction Engineering Research Laboratory in Champaign, IL. He holds BS, MS, and PhD degrees in Mechanical Engineering from the University of Illinois, where he also earned an undergraduate degree in music (pipe organ performance), and is a registered professional engineer.

At Penn State, Dr. Bahnfleth teaches undergraduate courses in HVAC fundamentals and controls and graduate courses in chilled water systems, hot water and steam systems, and indoor air quality. His research interests cover a wide variety of indoor environmental control topics, including chilled water pumping systems, stratified thermal energy storage, protection of building occupants from indoor bioaerosol releases, ultraviolet germicidal irradiation systems, and others. He is the author or co-author of more than 100 technical papers and 11 books and book chapters. He consults regularly on the design of chilled water thermal energy storage systems and has been involved in more than 20 projects world-wide.

Dr. Bahnfleth is member of the American Society of Mechanical Engineers (ASME), Sigma Xi, American Society for Engineering Education (ASEE), Society of Building Science Educators (SBSE), and a Fellow of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE). He has served ASHRAE in a variety of capacities, including Student Branch Advisor, Chapter Governor, Technical Committee and Standing Committee Chair, and as a Director-at-Large and is currently Society Vice President. He is the recipient of a 1st place ASHRAE Technology Award, Transactions Paper Award, and Distinguished Service and Exceptional Service Awards.

► **Fundamentals of Ultraviolet Germicidal Irradiation for Air and Surface Disinfection**

Germicidal radiation produced by low pressure mercury vapor lamps and other sources is seeing increasing application both for air disinfection and for control of biological growth on surface. This presentation provides an overview of the fundamentals of ultraviolet germicidal irradiation (UVGI) including principles of operation, component characteristics, system types, applications, and published evidence of effectiveness.

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Past President Luncheon at Crowe Plaza on December 13, 2011



(Left to Right: Dave Shaffer, Chip Branscum, Drew Linck, Fred Betz, Joanne Thiemann, Joe Nader, Peter Skelly, Bill Schriener, Stiever Kemp, and Ron Epp)

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3930 Virginia Avenue
Cincinnati, OH 45227

www.eapnet.com

EAP, Inc. is seeking a full time Sales Representative

EAP, Inc. is a manufacturer's representative firm specializing in commercial and industrial HVAC equipment, systems and services. For more than 35 years, EAP has sold products and services to some of the areas largest businesses and institutions. Our brand new corporate headquarters is located near the Redbank Expressway in Fairfax, Ohio. We service the Greater Cincinnati and Dayton areas, Columbus, OH, Northern Kentucky and Southeastern Indiana. EAP also maintains a 30,000 square foot distribution center with readily available stock product.

Job Description:

- To sell and market products and systems to institutional owners, consulting engineers and design-build contractors
- Acquire new accounts and attain business from the new accounts and from existing accounts
- Develop and build relationships with our clients, our employees and the manufacturers we represent
- Sustain a dominant level of customer service
- Manage and facilitate client requests
- Process submittals and orders
- Effectively manage your own order of business

Personal Characteristics:

- A nonpareil work ethic, the ability to learn, and adapt to our industry
- Self-motivated
- Superior time management skills
- Schedule flexibility
- The ability to take direction
- A positive attitude and the ability to work with the rest of the EAP Family
- Excellent communication skills, verbal and written

Requirements:

- Mechanical Engineers Degree
- 5 years of experience in sales
- Explicit knowledge of the Commercial and Industrial HVAC Industry
- Superior communication skills
- Advanced computer skills
- National and regional travel will be required

Additional Information:

Job Available Date: January 2012
Career Level: 5 - 10 Years of Experience
Education Level: Mechanical Engineering Degree
Job Status: Full-Time
Job Type: Employee
Salary: TBD (corresponding to experience)
Benefits: Health Insurance
Dental Insurance
Life Insurance
401K
Section 125 – Flex Plan

If you are interested in becoming part of EAP's sales team
Please send your qualifications and contact information to resume@eapnet.com

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A profitable and stable manufacturer of proprietary HVAC termination fixtures located in Cumming, GA is seeking a candidate for the new position of Regional Sales Manager. We are a German owned company with manufacturing sites across the world. The company has a 60 year history of positive growth with a reputation for designing and building quality products. We offer a competitive salary with medical, dental and matching 401K plan.

RESPONSIBILITIES:

- Drive the revenue of TROX products through independent distribution channel.
- Oversee independent distributor business strategy and execution, working with principals and sales engineers.
- Interact directly with customer base in territory (consulting engineers, owners, architects, contractors).
- Provide marketplace presentations and support of emerging technologies.
- Leverage corporate resources as needed (application, lab, sales, production, engineering).
- Provide product, application, pricing, and sales support for assigned region and other US territories as needed.

REQUIREMENTS:

- Minimum of 5 years HVAC industry experience.
- Possess professional selling skills and ability to influence.
- Proven track record of growing sales.
- Financial acumen.
- Engineering degree preferred.

COMPENSATION:

- Competitive compensation and benefit package.
- Bonus structure based on regional and corporate goals.
- Leased car.

Interested and matching candidates should send cover letters and resumes to resumes@troxusa.com.

WE ARE A DRUG FREE WORKPLACE AND DRUG TESTING IS REQUIRED.



Adjunct HVAC Instructor

Department: Staff Positions

Location: OH, US

Employment Type: Part Time

Overview:

Cincinnati State's Workforce Development Center has a client that needs to provide HVAC training for its employees. This person would deliver instruction to individuals currently employed as entry level HVAC technicians. The time requirement is 4 hours per week.

The objective of the training is to increase the HVAC knowledge and skills of the technicians so they may be more productive HVAC installer and service technicians. In addition, a second goal is to prepare these individuals to successfully obtain NATE certifications.

Qualifications:

- High school degree, Associates preferred
- Minimum of six years HVAC Experience (installation and service)
- Preference will be given to those individuals with NATE certification and/or teaching experience

Tao(Tom) Yu

Apt 224, 579 W Martin Luther King Drive, Cincinnati, OH, 45220

yut2@mail.uc.edu 1-513-372-4103

EDUCATION

University of Cincinnati--UC , Cincinnati, Ohio, U.S.A	09/2009-present
Bachelor of Science in Mechanical Engineering, Class of 2012, GPA: 3.86	
UC Global Scholarship	
Shanghai Jiao Tong University--SJTU , Shanghai, China	09/2007-07/2009
Bachelor of Science in Mechanical Engineering & Automation, Class of 2011	
Excellent Academic Scholarship	
Huzhou High School , Huzhou, Zhejiang Province, China	09/2005-06/2007
Excellent Academic Scholarship; "Huzhou Business" Scholarship; Excellent Student League Leader	
Xuchang High School , Xuchang, Henan Province, China	09/2004-06/2005
Excellent Academic Scholarship	

EXPERIENCE

Power Transmission Solutions, Inc., Service Engineer (Full-time)	Florence, KY	06/2011-09/2011
· Set up a repairing service center for coupling business to support customer service		
· Facilitated transition of plant production from Baltimore to Florence		
Kop-Flex, Inc., Project Engineer (Full-time)	Baltimore, MD	03/2011-06/2011
· Managed a project supporting the company's commitment to environmental protection in Europe		
· Provided my supervisor with technical support in high-priority projects		
Kop-Flex, Inc., Project Engineer (Full-time)	Baltimore, MD	04/2010-09/2010
· Managed product improvement projects and conducted relevant tests in Research & Design Department		
· Assisted in sourcing and product reviewing projects in Engineering Department		
UC, Center for First Year Experience & Learning Communities, Peer Leader		09/2010-12/2010
· Facilitated study transition and life adjustment for freshmen		
UC, Chapter of SASE (Society of Asian Scientists and Engineers) at UC, Secretary		2009-2010
· Cooperated with other board members to found the first SASE Chapter at UC		
SJTU, Technical Support Department of website-- http://youth.sjtu.edu.cn		2008-2009
· Maintained software and database		
· Scheduled weekly meetings to review technical issues		
SJTU, Student Council, Public Relation Department		2007-2008
· Undertook campaigns to raise external funding for Student Council		
· Organized activities to facilitate interaction among students from SJTU and other universities		

ACTIVITIES

Participated in the GEARE Program	Shanghai, China	02/2009
· Finished a joint project on intercultural teamwork with students and scholars from Purdue University		
Participated in the Freshman Cup Basketball Tournament of SJTU	Shanghai, China	2007-2008
· Won the title of Top 8 together with my teammates out of more than 120 teams		

SKILLS

Languages: Mandarin Chinese, Henan Chinese, Anhui Chinese, English

Sports: Basketball, soccer, table tennis, swimming

Art: Chinese calligraphy

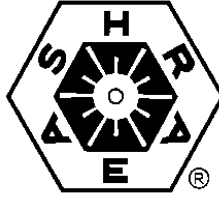
2011-2012 Calendar of Events

- October 11, 2011** **Monthly Members Meeting - Luncheon**
Contractor Round Table
Speakers from Triton Services, TJ Dyer, and Peck, Hannaford & Briggs
- November 8, 2011** **Monthly Members Meeting - Luncheon**
What's Available in the Boiler Room Superstore
Speaker: Duane Rolkosky - CleaverBrooks
- December 13, 2011** **Monthly Members Meeting - Luncheon**
Holiday Luncheon
Speaker: Paul Daugherty - Cincinnati Enquirer Sports Columnist
- January 24, 2012** **Dinner Meeting ASHRAE/USGBC**
General Services Administration - Net Zero Buildings
Speaker – Charles G. Hardy - GSA
- February 14, 2012** **Monthly Members Meeting – Luncheon**
Fundamentals of Ultraviolet Germicidal Irradiation for Air and Surface
Distribution
Speaker: William P. Bahnfleth, Ph.D., P.E. – Penn State University
- March 13, 2012** **Monthly Members Meeting - Luncheon**
AMCA 260: The Rating System for Induced Flow
(Laboratory Exhaust) Fans
Speaker : Ron Michael – Loren Cook Company
- April 10, 2012** **Joint Lunch meeting ASHRAE/TSHE**
ASHE Healthcare Commissioning Guidelines
Speaker : Mark Kenneday – University of Arkansas Medical Sciences
Ed Tinsley – TME, Inc
- May 14, 2012** **Spring Golf Outing at Wetherington Golf and Country Club**

ASHRAE

CINCINNATI CHAPTER MEETING

RSVP FORM



Name

Company

Phone Number

Email Address

Will be attending the ASHRAE Cincinnati Chapter meeting on:

DATE: February 14, 2012

TIME: 11:30am

PLACE: Crowne Plaza
5901 Pfeiffer Road
Cincinnati, OH 45242

COST:

_____ \$25.00 ASHRAE member
(\$5.00 discount if RSVP by deadline)

_____ \$35.00 Non-Member
(\$5.00 discount if RSVP by deadline)

_____ \$10.00 Student

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TOPIC: Fundamentals of Ultraviolet Germicidal Irradiation for Air and Surface Distribution
Speaker : William P. Bahnfleth, Ph.D., P.E. – Penn State University

FAX TO: *Laura Kamphaus (513) 481-5361*
Or Email: laurakamphaus@zoomtown.com

Registration deadline NOON Friday, February 10, 2012
Remember to honor your reservations. No shows will be billed by ASHRAE

February, 2012