

The Presidents Corner

Daniel Daly, PE, LEED AP BD+C

Happy National Engineers Week! Try to make a little time this week to highlight the importance of math, science and technical skills in education and to think about all the contributions engineers make to society. If you or your company is doing anything (big or small) to promote these goals, please send me a quick note so the ideas can be shared with the society or the chapter.

There are a lot of exciting events coming up on the chapter calendar. The March 10th Research Promotion Dinner is just 2 weeks away. Please get your RSVPs into Joe Zirkelbach, me, or respond through the Eventbrite or outlook invites. A big thank you goes out to our presenting sponsors Knauf Insulation, Habegger, and Environmental Safety Technologies. While all sponsor slots are filled there is still room to be a table exhibitor for the happy hour. Contact Joe for more information. For all the event details see additional information below and the Event Signup on pages 3-4 of this newsletter.

In April we'll be back to the Blue Ash Crown Plaza for lunch and a presentation from ASHRAE Distinguished Lecturer Victor Goldschmidt, PhD on "Thinking Like an Engineer and Societal Challenges." Notice that the April Luncheon is scheduled for April 7th (the first Tuesday of the month). On the morning of April 8th, Victor is staying around to give an intensive workshop on "Leadership, Change and Planning." This will be a free event that KLH Engineers has offered to host. Thanks Kris for hosting. See the final page of this newsletter for details and look for more information in the April newsletter. We're limiting the April 8th workshop to 30 people, so send me a message if you would like to reserve a spot early.

See you March 10th!
Dan

Research Promotion Dinner Event

March 10th, 2015, Tuesday 5:30PM-9:30PM

Marriott Cincinnati North

6189 Muhlhauser Rd., West Chester, OH

On March 10th, we will hold our Research Promotion and Membership Promotion Dinner at the Marriott Cincinnati North in West Chester. This will be a 3 part evening, including a happy hour/trade show, technical presentation, and round table discussion with two past International Presidents of ASHRAE. In the technical presentation, William Bahnfleth will present Integrating Indoor Air Quality and Energy Efficiency in Buildings. During the round table discussion, Don (1985-1986) and William (2013-2014) will highlight similarities and differences within ASHRAE and the industry during their year as president.

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

2014-2015 Board Members

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President Elect – Steve Simpson

Treasurer – Dave Deger

Past President – Nate Hull

New Member - Kris Schnitgen, PE, CEM, LEED AP

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in ASHRAE)

Chair – Kiley Sheehy

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Chair – Pete Skelly



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 a fellow of both ASHRAE and the American Society of Mechanical Engineers (ASME) and is also a member of the International Society for Indoor Air Quality and Climate (ISIAQ), the International Building Performance Simulation Association (IBPSA), Sigma Xi, the American Society for Engineering Education (ASEE), and the Society of Building Science Educators (SBSE). He has served ASHRAE in a variety of capacities, including Student Branch Advisor, Chapter Governor, Technical Committee and Standing Committee Chair, and as Director-at-Large, Vice President, Treasurer, and 2013-14 Society President. He is the recipient of a 1st place ASHRAE Technology Award, Transactions Paper Award, and Distinguished Service and Exceptional Service Awards.

Don Bahnfleth is a principal in BGA, LLC a Cincinnati, OH consulting engineering firm active in planning and design of district thermal energy systems—chilled water, high temperature water and steam—serving industrial, institutional and government campus facilities. Prior to that he was president of Z. B. A, Inc., Cincinnati, OH based engineering/consultants, where he was employed from the fall of 1971 through 2006. Prior ZBA Don served as Engineering Editor, Editor and Publishing Director of the technical magazine Heating, Piping and Air Conditioning (HPAC) Engineering. Before joining HPAC in November of 1959, Don was research Assistant Professor in Mechanical Engineering at the University of Illinois Champaign-Urbana. Don earned a BSME and an MSME at the U of I, the latter while directing a cooperative research program in heating and air conditioning sponsored by the Warm Air Heating Industry. He is a registered engineer in 4 states.

In the technical presentation, which qualifies for 1 Professional Development Hour and 1 CE for GBCI, Dr. Bahnfleth will present Integrating Indoor Air Quality and Energy Efficiency in Buildings. Buildings are one of the largest energy end-use sectors in countries around the globe. Concerns for the availability of energy supplies and the impact of energy use on the environment are driving a worldwide focus on energy end-use reduction. In this push for dramatic changes in the energy use intensity of the building sector, it is essential that the fundamental importance of indoor environmental quality, particularly indoor air quality, not be lost. This presentation addresses: 1) the significance of indoor air quality in terms of its impact on health and productivity and associated costs; 2) the inseparable linkage between indoor air quality and building energy demands, including examples of efficient technologies for maintaining good indoor air quality; and 3) the need for an approach to building research, design, and operation that recognizes this connection.

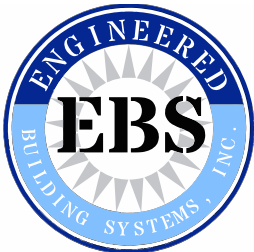
Proceeds from this event go directly to ASHRAE Research. Thank you to our 3 presenting sponsors: Knauf Insulation, Habegger, and Environmental Safety Technologies. Please consider filling one of the remaining table exhibitor spots for this event. See the attached flyer for more details and registration instructions. Cost to attend is \$50 (students \$20). You can register at <http://ASHRAEmarchRPdinner.eventbrite.com>, or by contacting Joe Zirkelbach at (513)981-2733 or joe@controlled-air.com

ASHRAE 2014-2015 Calendar

October 14, 2014 Tuesday	Sonya M. Pouncy, CEM LEED-AP - ASHRAE GGAC RVC
November 11, 2014 Tuesday	Luke Leung ASHRAE DL, PE, LEED Fellow "Net Zero in Tall Buildings"
December 9, 2014 Tuesday	Holiday Luncheon with Paul Daugherty - Cincinnati Enquirer
January 13, 2015 Tuesday	ASHRAE Distinguished Lecturer Kirk Mescher, PE, "Twelve Steps to Improved Geo-Exchange System Design and Performance"
February 10, 2015 Tuesday	ASHRAE Distinguished Lecturer Marlene Linders, "Infection Control during Healthcare Construction"
March 10, 2015 Tuesday 5:30PM-9:30PM Marriott Cincinnati North, West Chester	RP Dinner with past Society Presidents William and Donald Bahnfleth. Technical Presentation by Bill Bahnfleth "Integrating Indoor Air Quality and Energy Efficiency in Buildings"
April 7, 2015 Tuesday 11:30AM-1:00PM Crowne Plaza Blue Ash	Monthly Member Luncheon with ASHRAE Distinguished Lecturer Victor Goldschmidt, PhD, "Thinking Like an Engineer and Societal Challenges"
April 8, 2015 Wednesday 8:00 AM-11:00AM KLH Engineers Office, Ft. Thomas KY	"Leadership, Change and Planning" An intensive 3-hour workshop with Victor Goldschmidt, PHD (Free Event) See Newsletter for Details.
May 11, 2015 Monday	Annual Golf Outing at Wetherington Golf and Country Club



2015 Sponsor Board



Controlled Air





Cincinnati Chapter

March 10, 2015

5:30-9:30

Dinner

Research Promotion &

Membership Promotion night

Featuring past International Presidents

3 Part Evening

Happy hour and trade show

Integrating Indoor Air Quality and Energy Efficiencies in Buildings:

By Bill Bahnfleth

ASHRAE DL, AIA and GBCI approved

Round table discussion with two past Society International Presidents Don ('85-'86) and Bill ('13-'14) Bahnfleth

@ Marriott Cincinnati North

6189 Muhlhauser Rd

West Chester OH 45069

(West of I-75 at the Union Center road exit)

Pre-Registration for the event is highly requested

Presenting Sponsors Knauf Insulation, Habegger, and Environmental Safety Technologies

KNAUF INSULATION
it's time to save energy

HABEGGER
THE HABEGGER CORPORATION
habeggercorp.com



**Environmental
Safety
Technologies**

Presenting event sponsor

Includes two seats at dinner, recognition at the event, the opportunity to speak for 5 minutes
Cost \$500 (limit of three for the night)

Table exhibitor

Includes one 6' table in the gathering space (outside the meeting room where the meeting attendees will gather and spend the happy hour before everything starts and before dinner), one seat for dinner, and recognition at the event.

We are asking exhibitors display products and information for products to improve IAQ and/or energy usage.

Cost \$300

Attendee

Includes the buffet dinner, cash bar happy hour with exhibitors, technical presentation from Bill, round table discussion with Bill and Don.

Cost \$50

Register by Eventbrite or by mail

<http://ASHRAEmarchRPdinner.eventbrite.com>

Send checks payable to Cincinnati Chapter ASHRAE to:

Joe Zirkelbach

12009 Tramway Dr

Cincinnati OH 45241

Contact Name _____

Contact email _____

Contact phone number _____

Presenting sponsor _____ sold out @ \$500 = _sold out_

Table exhibitor _____ @ \$300 = _____

(Additional) Attendee(s) _____ @ \$50 = _____

Please list all names below

Total amount \$ _____

Sponsorships and table reservations are due by March 2, 2015

Attendees who sign up after March 5, 2015 will be charged and extra \$5

All no shows will be billed by the Chapter

For questions contact Joe Zirkelbach @513-981-2733 or email joe@controlled-air.com

“Leadership, Change and Planning”

An intensified three-hour workshop

ASHRAE Cincinnati Chapter

April 8, 2015, 8AM @KLH Engineers

1538 Alexandria Pike #11, Fort Thomas, KY 41075

Victor Goldschmidt, creating2@earthlink.net

Leadership and planning are essential for effective meeting of goals and objectives. This applies to individuals, corporations, and even ASHRAE Chapters. Essential differences between management and leadership will be addressed through the sequential steps of leadership. Personal experience has led these to be: “envision”, “equip”, “empower”, “edify”, and “evaluate”.

The purpose of leadership is change leading to improvement and growth. Essential to change is communication and inherent to it is conflict. As part of this intensive workshop highlights of the “art and science” of change and responses to conflict will be discussed.

An overview of strategic planning will then follow as a tool to manage change. The components of strategic plans include vision, mission, goals and objectives. The common and fundamental key element in leadership, change, and planning is vision.

A clear, succinct vision statement becomes an energizing and exciting motivator. An objective of the workshop is to guide the participants through the development of a draft vision statement for their chapter. The workshop will be conducted in an informal and participatory manner, with involvement, exercises, and introspection of the participants.

Lecturer: Victor Goldschmidt is an Emeritus Purdue Professor of Mechanical Engineering with more than 45 years of lecturing experience, Fellow and Past Director-at-Large of ASHRAE, and honorary member of the IIR (International Institute of Refrigeration), ACAIRE (Colombia Association of Air Conditioning and Refrigeration, AAF (Argentine Association of Cold), and ASURVAC (Uruguay Association of Refrigeration, Ventilation, Air Conditioning and Heating). His industrial experience includes having been an Application Engineer, and a Development Engineer with Honeywell, as well as serving as principal investigator and project leader with numerous research contracts with the HVAC&R industry. He also led research teams through grants with the DOD, NSF, and other governmental bodies. With more than 200 publications, he served as mentor to both graduate and undergraduate students. . Currently he serves in ASHRAE’s Honors and Awards Committee. Victor is a facilitator to leadership training, problem solving and strategic planning sessions, a County Planning Commissioner and formerly a Trustee in the Leelanau Township Board in the Lower Northwest Michigan.

Victor W. Goldschmidt
PO Box 423, Northport MI 49670
Ph 231 386 9058, Fax 231 386 9958
Email:creating2@earthlink.net