



VAV REGISTER

Sacramento Valley Chapter

February 2014

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PRESIDENT'S MESSAGE

Our February meeting was well attended and Ms. Martha Brook, from the California Energy Commission, provided some enlightening insights into the future of the California Energy Code. The next sixteen years, as we approach Net-Zero Energy for commercial buildings in 2030, are going to be interesting and challenging.

At the end of the meeting Mr. Andrew Jensen deftly picked the correct marble and won the marble game jackpot. Many thanks to Andrew for donating half of the proceeds back to fund ASHRAE Research.

Please consider donating to ASHRAE Research as Mr. Jensen, the Sacramento Valley ASHRAE Board of Directors, and I have done. The monies raised support the many ASHRAE research projects that directly influence the industry we are part of. This research covers a broad spectrum of topics from the effects of oil in refrigerants to simplified energy analysis procedures. An excellent example of the result of ASHRAE Research are the Advanced Energy Design Guides available free from the ASHRAE website. See page four of this newsletter for more information regarding how to donate to ASHRAE Research.

Our next dinner meeting will be a joint meeting with the Capital Branch of the USGBC-NCC and will feature a presentation on the new v4 version of LEED. Ms. Patty Karapinar, AIA, LEED AP BD+C, O&M and Mr. Neil Steiner, LEED AP BD+C, O&M will discuss the changes in LEED v4 and how these changes are effecting the building industry.

Cheers,
Dean Schouweiler

2013-2014 SCHEDULE

DINNER MEETINGS

PRICING

Members:	\$35
Non-Members:	\$40
Students:	\$5

PAYMENT

Cash or Check

Paypal (Credit Card Online)

Paypal Payment Instructions

- Go to www.paypal.com
- From the "Send Money" drop down select "Send Money Online" and enter the following information:
 - Send To: sacashrae@yahoo.com
 - Notes: Your name, meeting month and ASHRAE Dinner
- Send email notification to:
 - Dean Schouweiler
deans@surewest.net
 - Anthony Gagliardi
anthonyg@fmbdbc.com

LOCATION

Cattlemans Restaurant
12409 Folsom Boulevard
Rancho Cordova, CA

TIME

5:00-6:00pm Networking
6:00pm Dinner

~~October 16, 2013 - "Shooting for Students" (Student Scholarship Fundraiser)
- Coon Creek Trap and Skeet Club (Lincoln, CA)~~

~~November 13, 2013 - Dinner Meeting (Student Night) (**SECOND WED. OF MONTH**)
- Geo-Exchange Systems Presented by Mr. Kirk Mescher~~

~~December 4, 2013 - Guest Night~~

~~January 8, 2014 - Dinner Meeting (Chapter Technology Transfer Committee (CTTC))
- Mr. Max Sherman - Dr. Duct Tape~~

~~February 5, 2014 - Dinner Meeting (Membership Promotion Night)
- The Direction of the CA Energy Code with a Changing Building Industry
- Presented by Ms. Maritha Brook~~

March 5, 2014 - Dinner Meeting (Research Promotion and Chair Nominations)
Joint Meeting with USGBC-NCC Capital Branch
LEED V4 Changes

April 2, 2014 - Dinner Meeting (Past President Night and Elections)
Updates on ASHRAE Ventilation Standards (62.1 and 170) Presented by Mr. Abdel Darwich

May 2014 - Field Trip

June 2014 - Golf Tournament
Location: TBD

MEETING SPEAKER



Patty Karapinar, AIA, LEED AP BD+C, O&M, is an Associate Architect with Architectural Nexus. Her 25 years of professional experience have focused on educational and civic projects. In addition to her project management responsibilities, Patty is the Sustainability Coordinator for Nexus's California offices, serves as Project Administrator on LEED and Collaborative for High Performance Schools projects, provides guidance to project teams and conducts sustainability training, and has developed an in-house master specification for sustainable schools.

A native Northern Californian, Patty holds a Bachelor's of Science in Environmental Design from UC Davis and a Masters of Architecture from the University of Oregon. She has been LEED Accredited since 2001. She serves on the USGBC-NCC Green Schools Advocacy Committee, is on the Leadership Committee of the Capitol Branch of the Northern California Chapter of the U.S. Green Building Council, and a Fellow of the Institute of Green Professionals. Most recently Patty served as a Program Reviewer for the Greenbuild 2013 Conference and International Exhibition to be held this November in San Francisco.

Neil Steiner, LEED AP BD+C, O&M. Originally inspired in 2006, Neil has been focused on regenerative design ever since. This passion has motivated him to become an Ambassador and Collaborative Co-Founder helping to champion Living Buildings in the Sacramento region. He received his BS in Architectural Engineering from the University of Kansas and is currently working on his MS in biomimicry and project delivery. At Glumac, he actively engages in energy analysis, project management, and mechanical engineering. Neil regularly creates sustainable solutions across a variety of building types, both new and existing.



JOIN ASHRAE



ASHRAE MISSION

To advance the arts and sciences of heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world.

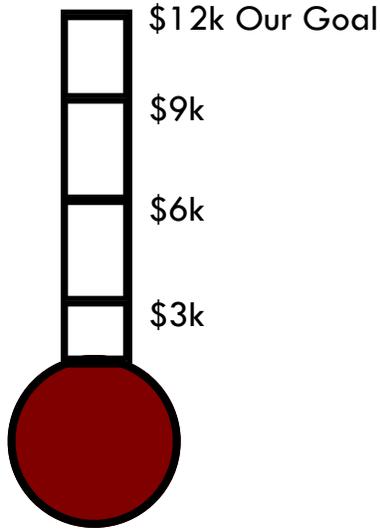
WHY JOIN?

ASHRAE members bring the world of ours together through the exchange of technical information, writing of standards and through committee work and networking. When you join ASHRAE, you are making an investment in yourself. When you become active in the Society by giving your time and sharing your knowledge, you get even more out of that in-

THE BENEFITS OF MEMBERSHIP

- ASHRAE Handbook – this reference manual is the most widely cited reference for HVAC&R technology in the world. Each year one of the four volume Handbooks is updated and delivered to members to add to their library and knowledge base
- ASHRAE Journal – a monthly magazine that brings current trends and information to your desk in your choice of print or digital format
- ASHRAE E-newsletter – delivered to your desk in print and digital form, these publication help you keep on top of what is going on in the Society and the industry, all over the world
- Discounts – on ASHRAE publications – ASHRAE members earn 15% off publications through the ASHRAE website at www.ashrae.org/bookstore. More than 300 titles are available including the ASHRAE standards
- Chapter Meetings – ASHRAE chapters convene for an informational program featuring speakers and topics key to professionals in the industry. Also, an excellent opportunity to network with your peers
- Become an Industry Leader - Develop leadership skills, work with and lead ASHRAE committee members, and network with industry professionals at ASHRAE chapter, region, and society meetings
- Advance your Career - Look for employees & employment at ashraejobs.com and network with other HVAC&R professionals at ASHRAE meetings, participate in job postings, maintain your professional education and designation with 40+ courses, earning CEUs/PDHs/AIA LUs, and explore technical topics at ASHRAE chapter, region and society meetings
- Protect Yourself Through Insurance - If you're in the market for insurance, keep in mind that ASHRAE members have access to a variety of plans through March U.S. Consumer

ASHRAE RESEARCH



The ASHRAE Research Strategic Plan for 2010-2015 consists of 11 strategic goals that were chosen to address technical challenges that limit our ability to maximize building performance, energy efficiency and indoor environmental quality while minimizing our impact on the environment. Meeting any of the 11 strategic goals will require coordinated effort among multiple technical committees.

Please help the Sacramento Valley Chapter achieve our 2013-2014 goals and contribute today. Every dollar donated to research is used toward research goals.

You can make a difference.

Donations can be completed online at:
<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

This is found at www.ashrae.org. From the ASHRAE home page, click on *Standards, Research & Technology*, click on *Research*, click on *Research Promotion* and click *Online Contribution Form*.

Donations can be submitted along with completed form to:

ASHRAE Research
 ATTN Ryan Hammond
 3908 Y Street
 Sacramento, CA 95817

PLEASE COMPLETE THE INFORMATION	HERE AND SEND IT IN WITH YOUR DONATION	PLEASE PRINT
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