VAV REGISTER

Sacramento Valley Chapter — November 2013

CHAPTER OFFICERS

President
Dean Schouweiler
deans@aircomech.com

President Elect
Karl Rapp
krapp@calhydro.com

Secretary
Kyle Deane
kydeane@ragingwire.com

Treasurer
Anthony Gagliardi
anthonyg@fmbdbc.com

COMMITTEE

Student Activities Chair
Kevin Baldwin
Kevin@mcbreznor.com

Technologies Transfer Chair
Jake Garcia
jgarcia@lhairco.com

Membership Promotion Chair
Bill Carmody
bill@lhairco.com

Research Promotion Chair
Ryan Hammond
rrhammond@ecomail.org

Young Engineers in ASHRAE (YEA)
Adam Davis
adavis@capital-engineeering.com

Historian
Sergio Rodriguez
srodriguez@kitchell.com

PRESIDENT's MESSAGE

Thank you to all of our members and student guests who attended our first technical meeting of the year. We had an extensive turnout with 53 people in attendance to hear Mr. Kirk Mescher's (an ASHRAE Distinguished Lecturer) present on the 12 steps to Improved Geo-Exchange System Design and Performance. His presentation provided useful information on how to successfully design and install an efficient geothermal watersource heat-pump system.

Our December Member/Guest Night will be held at the River City Brewing Co. and will feature a pairing of gourmet food with craft beers. You are encouraged to bring your spouse/guest for a fun and tasty evening of fine cuisine and beers. See the flyer and registration form included with this newsletter for more information. Sign up early as seating is limited to 40 people.

Please join me in welcoming Mr. Ryan Lee and Mr. Douglas Sterling who recently joined our ASHRAE family.

I look forward seeing you at the December meeting. For those of you who will not be able to attend, please have a safe and wonderful holiday season.

Cheers,

Dean

2013-2014 SCHEDULE

DINNER MEETINGS

SEE GUEST NIGHT SIGNUP SHEET FOR REGISTRATION DETAILS

~~**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
Beer and Food Pairing Dinner at River City Brewing Company

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. Martha 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

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.

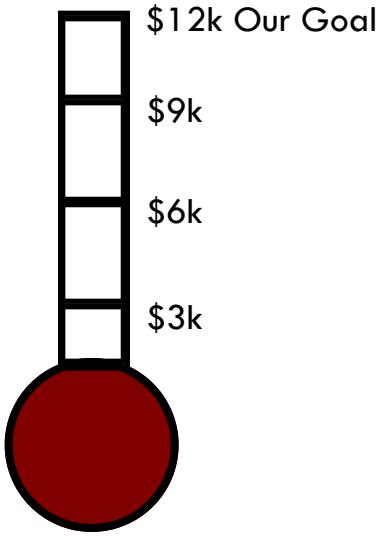
WHY JOIN?

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

Please check one: ( ) Personal Contribution ( ) Company Contribution Check # _____ Donation Amount: $_____

Charge the gift to : ( ) Visa ( ) MasterCard ( ) American Express Credit Card #_____ Exp_____

Name: _____ Member/Contributor #: _____

Company: _____ Phone: _____

Address: _____

City/State/Zip _____ Chapter to credit: _____

Apply Donation to: ( ) Research ( ) Learning Institute ( ) Foundation ___ General ___ Research ( ) General Fund (unrestricted)

Memorial/Honor Gift Section Only

Memorial ( ) Honor Gift ( ) For: _____

Please send acknowledgement to: _____ Relation to deceased/Honoree: _____

WE DELIVER HIGH PERFORMANCE BUILDINGS THRU CERTIFICATION, PROCEDURAL STANDARDS, SPECIFICATIONS, SEMINARS AND OUR QUALITY ASSURANCE PROGRAM.

There are more than 650 NEBB Certified Firms worldwide and over 1800 NEBB Certified Professionals and Certified Technicians. They are recognized by the industry and building owners as specialists having the skills necessary to measure the efficiency of building systems, and as the leaders in practical knowledge and communication skills for creating customized solutions for business owners. NEBB Certification offers tangible proof of their qualification in the procedures outlined for NEBB disciplines.

- Testing, Adjusting & Balancing
- Building Systems Commissioning
- Retro Commissioning
- Cleanroom Performance Testing
- Fume Hood Performance Testing
- Sound & Vibration Testing
- Building Enclosure Testing

"Hire a NEBB Firm today or become NEBB Certified in any one of our disciplines."

Please call for more information ▶▶▶

Northern California/Hawaii NEBB

39899 Balentine Drive, Suite 200
Newark, CA 94560

(510) 386-1270
www.nocalhawaiinebb.org