



# VAV REGISTER

Sacramento Valley Chapter

December 2013

## CHAPTER OFFICERS

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## COMMITTEE

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### Research Promotion Chair

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## PRESIDENT'S MESSAGE

The holiday season is upon us and the Sacramento Valley chapter kicked it off with a fun event at River City Brewing featuring a beer and food pairing. Although it was a cold evening there was lots of warm camaraderie and conversation as well as some amazing food and beer. Thank you to everyone who attended, especially the guests.

Our next dinner meeting is scheduled for January 8th and features what should be a very interesting topic – Duct Tape. Max Sherman aka “Dr. Duct Tape”, a Senior Scientist with Lawrence Berkeley National Laboratory, will talk about research looking into various sealants for ducts and also talk about the entertaining side of duct tape this research led to.

Please join me in welcoming Mr. Bruce Baccei who is the most recent addition to our Sacramento Valley ASHRAE family.

May your holidays be joyous and wonderful, and best wishes for a healthy and prosperous New Year.

Cheers,  
Dean Schouweiler

# DECEMBER MEMBER GUEST NIGHT RECAP

Being someone who enjoys (frequently consumes) many of the fine beers and ales available it has been wonderful to be a witness to the growth of the craft beer industry. A group of ASHRAE members and their guests got to experience one of Sacramento's original local craft brewer's tasty offerings at the annual December Member/Guest event. The event was held at River City Brewing Company and it featured a pairing of some of their tasty beers with a sumptuous meal.

Thanks to all of the members and their guests who attended the evening. I truly hope you enjoyed the evening as much as my wife and I did.



River City Food and Beer Dinner

## Course 1

### Eggplant Napoleon

Crispy eggplant layered with basil pesto, sundried tomato tapenade and goat cheese on red pepper coulis

\*Paired with our Sactown Gold Pilsner

## Course 2

### Cup of Butternut Squash Soup

Garnished with spiced sour cream

\*Paired with our Autumn Saison

## Course 3

### Garlic Asiago Crusted Chicken Breast

With buttermilk mashed potatoes, spinach, Italian bacon, balsamic onions and pesto cream sauce

or

### Niman Ranch Tomahawk Pork Chop

With mashed potatoes, sautéed mushrooms, garlic green beans and peppercorn-sherry cream sauce

\*Paired with Cap City IPA

## Course 4

### Banana Foster

With vanilla bean ice cream

\*Paired with Vienna Lager



# 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](http://www.paypal.com)
- From the "Send Money" drop down select "Send Money Online" and enter the following information:
  - Send To: [sacashrae@yahoo.com](mailto:sacashrae@yahoo.com)
  - Notes: Your name, meeting month and ASHRAE Dinner
- Send email notification to:
  - Dean Schouweiler  
[deans@aircomech.com](mailto:deans@aircomech.com)
  - Anthony Gagliardi  
[anthonyg@fmbdbc.com](mailto: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. 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

# NOVEMBER MEETING SPEAKER



**MAX SHERMAN**  
**Senior Scientist, Lawrence Berkeley National Laboratory**  
**Berkeley, California**

## **MEETING OVERVIEW:**

One would think that duct tape is ideally suited for use on ducts. Surprisingly this is not necessarily so. Max Sherman aka “Dr. Duct Tape” will talk about research looking into various sealants for ducts and also talk about the entertaining side of duct tape this research led to.

## **BIO:**

Max Sherman is a Senior Scientist at the Lawrence Berkeley National Laboratory with over 30 years of experience in building physics. He has a Ph.D. in physics from Berkeley and is an international expert in air leakage, HVAC, indoor air quality, infiltration, moisture, energy efficiency, and related topics. He is a well-regarded member of ASHRAE ([www.ashrae.org](http://www.ashrae.org)) having served

on the Board of Directors and many technical positions and is currently a Distinguished Lecturer; he is a recipient of ASHRAE’s Exceptional Service Award and ASHRAE’s highest technical award as a Holladay Distinguished Fellow. He has also been elected a Fellow ([www.isiaq.org/academy](http://www.isiaq.org/academy)) of the International Society of Indoor Air Quality and Climate (ISIAQ). He represents the United States on International Energy Agency tasks such as the Air Infiltration and Ventilation Center ([www.aivc.org](http://www.aivc.org)). He serves on national and international committees and editorial boards and does outside consulting ([www.epbgroup.com](http://www.epbgroup.com))

## **PROJECTS:**

- ASHRAE Standards
- Healthy Efficient Homes
- RESAVE
- Residential Leakage Database
- RIVEC
- Support for Codes, Standards and Training

## **RESEARCH INTERESTS:**

- HVAC Systems
- Indoor Environmental Quality (IAQ)
- Whole House Energy Solutions
- Ventilation

# 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?

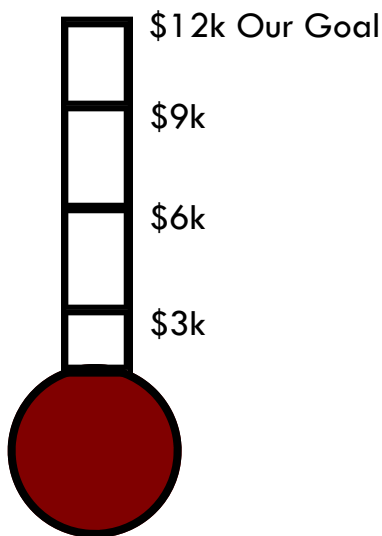
ASHRAE members bring the world of ours together through the exchange of technical information, writing of standards and through committee work and networking. When you join ASHRAE, you are making an investment in yourself. When you become active in the Society by giving your time and sharing your knowledge, 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](http://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](http://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](http://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

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