



# Orange Spiel



Juicy News from ASHRAE's Orange Empire Chapter

## MEETING INFORMATION TUESDAY, NOVEMBER 19, 2019

### THE PHOENIX CLUB

1340 S. Sanderson Avenue  
Anaheim, CA 92806

### CLICK HERE FOR DIRECTIONS

Technical Session . . . . 5:30 – 6:30 p.m.  
Meeting Start/Dinner . 6:30 – 7:30 p.m.  
Dinner Presentation . . . 7:30 – 8:30 p.m.

**PLEASE E-MAIL** (PREFERRED),  
**OR CALL WITH YOUR  
RESERVATIONS TO:**

Ryan Sibley c/o TK1SC  
[rsibley@tk1sc.com](mailto:rsibley@tk1sc.com)  
Direct: 949.751.5923  
Office: 949.751.5800

### PRICE SCHEDULE

Member . . . . . \$45  
Non-Member . . . . . \$50  
Student . . . . . \$10  
Member Day of Event . . . . . \$50  
Non-Member Day of Event . . . \$55  
Vendor Table Tops . . . . . \$150

### REGISTRATION CLOSED

**IF CANCELLATION IS NOT  
RECEIVED YOU WILL BE BILLED  
FOR THE SESSION**

### TECHNICAL SESSION

***"Driving to Net Zero: What Does it  
take for a Student Housing Project"***

by Kevin Smith, Glumac

### DINNER PROGRAM

***"2019 California Code Updates  
from a Mechanical Perspective"***

by Dave Abuza, ACCO Engineered  
Systems

### Orange Spiel Editor

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## NOVEMBER MEETING NOTICE WAS TUESDAY, NOVEMBER 19, 2019



The ASHRAE Orange Empire Chapter would like to welcome you to join us for the November 2019 Orange Empire ASHRAE meeting this November 19th. This month's meeting will be at The Phoenix Club. See below for details on the schedule and two presentations that you won't want to miss.

### TECHNICAL SESSION

#### DRIVING TO NET ZERO: WHAT DOES IT TAKE FOR A STUDENT HOUSING PROJECT

As a Mechanical Engineer and Energy Analyst, Kevin Smith applies his passion for sustainability to holistic energy modeling in order to guide design and optimize building performance. He has extensive experience in the higher education sector, having worked on projects on campuses in California, Oregon and Washington. In addition to working with Glumac, his background includes providing energy engineering services with a design-build mechanical contractor and with this diverse experience, Kevin is an asset to every project team.

### DINNER PROGRAM

#### 2019 CALIFORNIA CODE UPDATES FROM A MECHANICAL PERSPECTIVE

On January 1st, the 2019 code cycle will go into effect, bringing with it new requirements for mechanical system design and construction. This presentation will summarize the major changes and describe how they differ from current standard practices. The presentation will focus on the mechanical and energy codes, and will touch on selected relevant sections from building, plumbing, electrical, fire, and green codes.

Dave Abuza is the Regional Applications Manager for ACCO Engineered Systems. He has eight years of experience in commercial HVAC design and construction. Dave graduated with honors from Cal Poly SLO in 2011 with an MS in Mechanical Engineering and a BS in Mechanical Engineering with a concentration in HVAC&R. Dave is a registered professional engineer in California & Nevada, a LEED Accredited Professional, and has been an ASHRAE member since 2009.

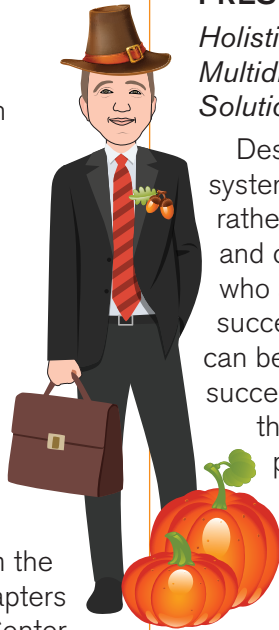


## DAVID'S BLOG

Well the Holidays are approaching fast, but the weather outside certainly would make you second guess that. If you reside in Southern California for the weather you have to love this mid-70's in mid-November.

Last month we hosted another successful event at the Phoenix Club that featured a joint meeting with ASPE that had great turnout! Also, don't forget next month's meeting on December 10th with our friends from the SoCal and Tri-County Chapters at the Energy Resource Center in Downey.

The presentation will be given



by Erin McConahey, a Principal in Mechanical Engineering with Arup.

### PRESENTATION SUMMARY:

#### *Holistic Thinking for Multidisciplinary Design Solutions*

Designers of building HVAC systems do not act in a void but rather in a community of design and construction professionals who are all dedicated to the success of a given project. We can better contribute to this success when we understand the perspectives of our partners and can articulate our own technical parameters in a way that looks for synergy without strife.

This session will draw on the speaker's two decades of experience as a design leader

of teams with up to a dozen different analytical disciplines. The talk starts by introducing the idea of unconscious bias built into our professional world view by our academic and specialist training and then turns to tips for transcending that bias to develop design empathy and proactive working relationships.

By exploring a series of short case studies involving interface and coordination between architectural, structural, civil, MEP, façade, acoustics, fire and sustainability disciplines working in the building design context, the audience will be able to better recognize the needs and design sensibilities of our partners outside of the HVAC field.

We hope to see you at the upcoming meetings.

**David Lawson** 



**Date:** 22 October 2019

**Time:** 4:30 - 5:30 PM

**Place:** Phoenix Club

### MEETING ATTENDEES

Ben Chesser (BC)  
Eric Decker (ED)  
Matt Donoghue (MD)  
Chris Farrington (CF)  
Greg Glover (GG)  
Ken Golovko (KG)  
Robert Hagstrom (RH)  
Jeffrey Hanzel (JH)  
Nick Hardy (NH)  
Mary Johnson (MJ)  
David Lawson (DL)  
Chris Mellen (CM)  
Danielle Naim (DN)  
Steve Rawski (SR)

John Sawyer (JS)  
Ryan Sibley (RS)  
Kevin Smith (KS)  
Brian Sybesma (BS)  
Matt Waller (MW)

### CALL TO ORDER

1. Meeting called to order at 4:30 PM
2. Quorum Determination (Minimum 6 Voting Members)
3. Review of Agenda

### TREASURER REPORT

1. CPA for non-profit
2. Meeting with CPA for Taxes on 10-24-19 at 8am
  - a) David and Mary plan to meet with the CPA and hope to get a tutorial on quickbooks
  - b) Goal of the meeting is taxes, non profit status, and use of quickbooks
3. Status of Books
  - a) There are a lot of

- b) Mary is having issues getting into the BOA website

### CHAIR UPDATES

1. Round the table for Chairs to provide updates
  - a) YEA and Student Activities (NH and MD)
    - First Event on Nov 6th
      - Flyers to be sent out and circulated by group to promote the event for Oktoberfest at the Phoenix Club
      - Climatec is sponsoring the event
      - Plan to provide appetizers and hold 2 hour reservation for 20 people and adjust as RSVP's come in
      - Ryan to send out

(See **MINUTES** page 3)

**CHAPTER OFFICERS**

President . . . . . David M. Lawson  
 President-Elect . . . . . Benjamin L. Chesser  
 Vice President . . . . . Brian Sybesma  
 Treasurer . . . . . Mary Johnson  
 Secretary . . . . . Chris Farrington

**BOARD OF GOVERNORS**

Jeff Conrad                      Greg Glover  
 Eric Decker                      Stephen J. Rawski, P.E.  
 Kenneth E. Golovko              Matthew Waller, P.E.

**CRC DELEGATE**

David M. Lawson

**CRC ALTERNATE**

Benjamin L. Chesser

**ASHRAE  
 ORANGE EMPIRE CHAPTER**

**2019-2020  
 PARTIAL ROSTER**

**SPIEL DEADLINE**  
**The December deadline**  
**for articles or ads is**  
**FRIDAY,**  
**NOVEMBER 29, 2019**

**COMMITTEES AND CHAIRPERSONS**

Administrator . . . . . Jeffrey D. Hanzel  
 Administrator . . . . . John Sawyer  
 Communications . . . . . Ryan Sibley  
 Diversity in ASHRAE . . . . . Mary Johnson  
 Government Affairs . . . . . Chris Farrington  
 Historian . . . . . Christopher L. Mellen  
 Membership Promotion . . . . . Jeffrey D. Hanzel  
 Newsletter Editor . . . . . Robert G Hagstrom, PE  
 Refrigeration . . . . . Chris Farrington  
 Research Promotion . . . . . John Sawyer  
 Student Activities . . . . . Matthew Dale Donoghue  
 Student Activities Co-Chair . . . . . Nicholas J. Hardy  
 Technology Transfer . . . . . Brian Sybesma  
 YEA . . . . . Nicholas J. Hardy  
 YEA Co-Chair . . . . . Matthew Dale Donoghue  
 YEA Co-Chair . . . . . Kevin M. Smith, PE  
 Webmaster . . . . . Ryan Sibley

**MINUTES**

*(continued from page 2)*

- email blast to the chapter
- Plan and Goals for Events
  - The ASHRAE chapter is an official club now and members are all enrolled in “Hank’s” class and the first class is actually tonight
- Scholarships.
  - Details of the scholarship program were discussed and draft application was reviewed
  - General consensus was that the recipient should be in a 4 year program, be currently enrolled in school at the time of the award, and have at least a semester left until graduation, and be pursuing a bachelors in Engineering.
  - Target schools are to be CSULB and CSUF
  - GPA not to be the only or primary consideration in evaluating the award
  - Need to be present at the award

- presentation to receive the award
  - Still need to define the review process and get application finalized but the draft we reviewed looked very good
  - Award date to be January 28th meeting at this time.
- b) CTTC – Program Update on January – BS
  - Brian indicated that we need a replacement speaker for the January meeting. Idea was to approach Doug Scott to discuss state funding programs and may can pay for a hotel . Also seeking backup ideas for that month.
- c) Historian – CM
  - Mary indicated that she needs assistance unloading the material in the storage unit
  - Base camp has file upload size limits
  - We received the \$ 50.00 award from CRC San Diego for best in show and it was not even a close competition
  - Award to be applied to

- the Historian budget for the year
- d) MP – JH
- e) GAC-CF
  - Looking into attending the day on the hill in March/April 2020
- f) RP - JS
  - Round Table
    - As of the writing of these minutes RP Full Circle is 100% complete per 11/04 email from John Sawyer.

**GOLF TOURNAMENT JH**

1. Update
  - a) Golf tournament was a success
  - b) The drawing for raffle prizes was a hit
2. Money Status
  - a) To be updated at the next meeting
3. Date for next year
  - a) To be discussed at the next meeting
  - b) Jeff was not in attendance for this meeting

**CRC 2021**

1. Jeff Conrad
- 2 Forecast of Money/Budget
  - a) Jeff was not in attendance for this meeting.
    - End of Minutes –

**Chris Farrington** 

## ORANGE EMPIRE CHAPTER

### WINTER/SPRING 2019/20 SCHEDULE

#### MEETING LOCATION:

##### THE PHOENIX CLUB

1340 S. Sanderson Avenue  
Anaheim, CA 92806

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#### TUESDAY, SEPTEMBER 24, 2019

*Dinner: VRF and Hydronics Systems:  
A Strategic Comparison*

*Theme: Energy Night*

*Place: Phoenix Club, Anaheim*

#### TUESDAY, OCTOBER 22, 2019

*Tech: The Devil's in the Details - a CEU  
Presentation on what to Look out for  
when Installing Boiler and Water Heater*

*Dinner: Balanced Energy*

*Place: The Phoenix Club, Anaheim*

#### TUESDAY, NOVEMBER 19, 2019

*Tech: Driving to Net Zero: What Does it take  
for a Student Housing Project?*

*Dinner: 2019 California Code Updates from a  
Mechanical Perspective*

*Theme: Research Night*

*Place: Phoenix Club, Anaheim*

#### TUESDAY, DECEMBER 10, 2019

*Dinner: TBD*

*Theme: TBD*

*Place: So Cal Gas Energy Resource Center,  
Downy*

#### TUESDAY, JANUARY 28, 2020

*Tech: TBD - Facilities Tour*

*Dinner: TBD*

*Theme: Joint Meeting with ASHRAE Tri-  
County Chapter - Refrigeration Night*

*Place: TBD*

#### TUESDAY, FEBRUARY 25, 2020

*Tech: Fault Detection and Diagnostics*

*Dinner: A Picture Stroll Through HVAC*

*Theme: Membership Promotion Night*

*Place: Phoenix Club, Anaheim*

#### TUESDAY, MARCH 24, 2020

*Dinner: TBD*

*Theme: Joint Meeting with San Diego Chapter*

*Place: TBD*

#### TUESDAY, APRIL 28, 2020

*Tech: TBD*

*Dinner: HVAC System Design*

*Theme: Student Night*

*Place: The Phoenix Club, Anaheim*

#### MAY DATE TBD

*Dinner: 2019-2020 Installation Night Dinner*

*Theme: Officer and Board Installation*

*Place: TBD*



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[www.orangeempirearise.weebly.com](http://www.orangeempirearise.weebly.com)

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### DINNER PROGRAM

*"2019 California  
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Engineered Systems

### Orange Empire ASHRAE

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