

# Tri-County SUPER HEAT ASHRAE

American Society of Heating, Refrigeration, and Air-Conditioning Engineers

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## MEETING INFORMATION

**Date:** January 16, 2018  
**Location:** Coco Palm Restaurant, Pomona  
**Social Hour:** 6:00-7:00  
**Dinner and Program:** 7:00  
**Cost:** \$60 for members



We look forward to seeing you again at our next meeting. Coco Palm Restaurant is located on 1600 Fairplex Dr. in Pomona, near the 10 and 57 freeway interchange.

Coco Palm Restaurant  
 1600 Fairplex Drive, Pomona, CA 91768

## ASHRAE'S CORE VALUES

As we continue our 2017-2018 Tri-County ASHRAE season, let's take a moment to review ASHRAE's core values...

### **Excellence**

ASHRAE education, technical information and all other activities and products will always reflect the best practices that lead our industry. We strive for continuous improvement and innovation in all our practices and products.

### **Commitment**

ASHRAE and its members are passionate about serving the built environment, creating value, and recognizing the accomplishments of others.

### **Integrity**

ASHRAE is committed to the highest ethical standards. We work transparently, observing essential requirements for due process and peer reviews to assure our members and stakeholders that we do the right things the right way.

### **Collaboration**

ASHRAE seeks and embraces collaborative efforts with organizations, agencies, and individuals sharing our commitment to sustainable built environments.

### **Volunteerism**

Members lead ASHRAE at every level, serving ASHRAE and helping ASHRAE serve society.

NOTE: Statements made in this publication are not the expressions of the Society or of the Tri-County chapter but may not be reproduced without special permission of the Tri-County chapter.

# LOCAL BUSINESSES

PLEASE SUPPORT OUR  
BUSINESS CARD  
ADVERTISERS LOCATED  
HERE AND ELSEWHERE IN  
THIS PUBLICATION...

**MAKE AN INVESTMENT  
IN OUR INDUSTRY'S  
FUTURE!**

If you would like to place a  
business card ad in Super  
Heat for the 2017-2018  
Tri-County ASHRAE season,  
please contact

Richard Morrow via e-mail  
at...

[ashraetricounty@gmail.com](mailto:ashraetricounty@gmail.com)

*Looking for a unique marketing opportunity?*

*We've got a deal for you!*

*For only \$50 (that's right, only \$50!) you and  
many more can see your business card appear on  
THIS PAGE of THIS PUBLICATION*

*for the 2017-2018 Tri-County ASHRAE season!*

*Now that you're interested, send a \*.jpg version of  
your business card to [ashraetricounty@gmail.com](mailto:ashraetricounty@gmail.com)  
while sending a check for \$50 made out to  
**Tri-County ASHRAE.***

*We will let you know where to send the check  
when you send your business card file to us at the  
above e-mail address.*

**RICHARDMORROW**

TCSH Editor

## *Our ASHRAE leaders for the 2017-2018 season!*

### Officers

President: Ian Villazana / ACCO

President Elect: Kakeru Fujikawa / Goss Engineering

Secretary: Felix Monterroso / Willdan Energy Solutions

Treasurer: Elyse Johnson / IMEG Corp.

### Board Members

Board Member: Chris Robles / DMG

Board Member: Ryan Rodriguez / Opterra Energy Services

Board Member: Shaw Gentry / Goss Engineering Inc.



# LAST MEETING

## *“Sustaining ASHRAE Through Leadership”*

*Tri-County, SoCal and Orange Empire Chapters hosted a joint meeting for the distinguished lecturer Ronald Jarnagin on the topic of “Sustaining ASHRAE Through leadership” at the Energy Resource Center in Downey.*



## NEW MEETING

### *“Owner’s Perspective of MEP Consultants ”*

*Carl Newth is a licensed Professional Engineer and Certified Building Official with 30 years of experience in the design and construction in the built environment.*

*As the Campus Building Official he is responsible to oversee that design and construction projects meet or exceed the requirements of the Code and University of California requirements. This includes issuing permits and Certificates of Occupancy for building and infrastructure development.*

*As Director of Engineering his role includes responsibility for the planning, design and construction to implement High Performance building strategies in order to minimize campus energy use, utilities and building operating expenses.*

*Carl is a Graduate of the University of South Florida.*



***Carl Newth, PE, LEED BD+C, CBO  
Director of Engineering & Campus Building Official***

# MONTHLY DINNER SCHEDULE

## 2017-2018 ASHRAE Monthly Dinner Schedule

| Month                    | Date       | Location                     | Address                                      | Topic   | Presenter / Title  |
|--------------------------|------------|------------------------------|--|---|--|
| October                  | 10/17/2017 | Claim Jumper                 | 380 McKinley St.<br>Corona, CA 92879         | "How Good Leaders Become Great Leaders with Emotional Intelligence"             | Karine LeBlanc / Sales Engineer, USACD                             |
| November                 | 11/21/2017 | Claim Jumper                 | 380 McKinley St.<br>Corona, CA 92879         | "How UV-C Can Reduce HVAC Energy, Maintenance Costs, and Improve IAQ"           | Mike McKinney / Western Regional Manager, UV Resources             |
| December (Joint Meeting) | 12/12/2017 | Energy Resource Center       | 9240 Firestone Blvd. Downey, CA 90241        | "Sustaining ASHRAE Through Leadership"  | Ron Jarnagin / Principal Owner at RLK Technical Consultants, LLC   |
| January                  | 1/16/2018  | Co Co Palm                   | 1600 Fairplex Dr. Pomona, CA 91768           | "Owner's Perspective of MEP Consultants"  | Carl Newth / Campus Director of Engineering, UCLA                  |
| February                 | 2/20/2018  | Claim Jumper                 | 380 McKinley St.<br>Corona, CA 92879         | "Green Buildings: Help or Hype?"  | Hank Jackson / Owner, Etech Solutions                              |
| March                    | 3/20/2018  | Claim Jumper                 | 380 McKinley St.<br>Corona, CA 92879         | "HVAC Hall of Shame: Examples of Poor Engineering Design and How to Avoid"      | Mike Gallagher / Mechanical Service Engineer, Western Allied Corp. |
| April (Student Night)    | 4/17/2018  | Cal Poly Pomona Kellogg West | 3801 W Temple Ave. Pomona, CA 91768          | Student Night- "Update on Variable Air Volume & Constant Air Volume Technology" | Tom Podgurski / Group Director, Royal Service                      |
| May                      | 5/15/2018  | TBD                          | TBD  | TBD   | TBD  |
| June                     | 6/19/2018  | Wick's Brewery               | 11620 Sterling Avenue C. Riverside, CA 92503 | Installation Dinner   | -  |

# JOB OPPORTUNITIES



*Willdan Energy Solutions (WES) is a national leader in energy efficiency. WES's expertise covers building system retrofits, commissioning and retro-commissioning, demonstrations of new technologies, energy efficiency education/outreach, sustainability strategy and local government partnerships.*

*WES's business is growing and we currently have an opening for a senior level energy efficiency Project Development Engineer in our Anaheim, CA office. The candidate must be able to work in a collaborative environment with our engineering staff, program managers and sales team to develop energy savings solutions and implement efficiency projects for our customers. The candidate must be able to identify efficiency and operational solutions for customers, develop proposals, sell projects, and oversee design and construction. This is a technical leadership role that involves directing entry level engineers, with oversight by senior level engineers.*

#### **Requirements:**

- Knowledge of mechanical equipment such as motors, pumps, and variable speed drives
- Knowledge of HVAC equipment and systems, such as chillers, cooling towers, air handlers, chilled and hot water loops, and boilers
- Knowledge of energy efficient lighting technology and lighting controls, such as LED, occupancy sensors, day-lighting, etc.
- BS in Mechanical Engineering or related field
- Professional Engineer's license preferred
- Min of 10 years' experience in energy efficiency, facility design/build, HVAC controls and/or performance contracting industry
- Computer proficiency, experience with Windows-based office applications required. Some travel required

*If you are interested forward your resume to [samoni@willdan.com](mailto:samoni@willdan.com) Attention: Shafi Amoni. Willdan Energy Solutions, 2401 E Katella Ave #300, Anaheim, CA 92806*



*TTG Engineers is looking for a full-time energetic, organized, and driven Mechanical Engineer in Ontario, California .*

*TTG Engineers is a leading full-service design engineering firm offering exceptional Structural, Mechanical, Electrical, Plumbing, Fire Protection and Civil design engineering services.*

#### **Responsibilities include:**

- Analysis, design skills, presenting technical information, equipment, quality and focus.
- Proficient in latest Energy Pro software and other HVAC system calculation software.
- Proficient in Auto CAD & REVIT 2012.
- Prepare Plan Check/OSHPD related documentation.
- Experience with Client Communication required.
- Generate project specific spec's & details
- Ability to work with minimal supervision
- Ability to take lead in multi-discipline coordination.
- Candidate will have excellent oral and written communication skills.
- Site Investigation and Inspection experience preferred.

#### **Requirements**

- 10+ years experience in HVAC systems design with institutional, commercial, educational, and healthcare projects.
- Bachelor's Degree in Mechanical Engineering
- California P.E. Professional Registration required
- Knowledge of LEED documentation

*If you are interested forward your resume to [tkuehl@ttgcorp.com](mailto:tkuehl@ttgcorp.com), Attention: Tricia Kuehl. TTG Engineers, 901 Via Piemonte, Suite 400, Ontario, CA 91764*

# 2017 PARTIAL ROSTER



## Officers

|                        |  |
|------------------------|--|
| <b>President</b>       | <b>Ian Villazana</b><br>Willdan Energy Solutions — 714-278-8325    |
| <b>President-Elect</b> | <b>Kakeru Fujikawa</b><br>Goss Engineering, Inc. — 714.310.8126    |
| <b>Secretary</b>       | <b>Felix Monterroso</b><br>Willdan Energy Solutions — 626.629.9658 |
| <b>Treasurer</b>       | <b>Elyse Johnson</b><br>IMEG Corp. —                               |

## Board of Governors

|   |
|---|
| <b>Chris Robles</b><br>DMG — 562-692-1277                       |
| <b>Shaw Gentry</b><br>Goss Engineering, Inc. — 951-233-1827     |
| <b>Ryan Rodriguez</b><br>Opterra Energy Services — 626.260.6623 |

## Committee Chairs

|  |   |
|--|---|
| <b>Membership Promotion</b>                      | <b>Ryan Rodriguez</b><br>Opterra Energy Services — 626-260-6623         |
| <b>Historian</b>                                 | <b>Jim Toda</b><br>Custom Cooling Company — 909.599.9222                |
| <b>Student Activities</b>                        | <b>Jim Toda</b><br>Custom Cooling Company — 909.599.9222                |
| <b>Research Promotion</b>                        | <b>Joe Sanders</b><br>Dynamic Engineered Systems, Inc — 951-278-0282    |
| <b>Membership Promotion Co-Chair</b>             | <b>Erick Delgado</b><br>Air Conditioning Specialties Co. — 626.840.9001 |
| <b>Newsletter Editor</b>                         | <b>Richard Morrow</b><br>Goss Engineering Inc. — 909.725.2737           |
| <b>Home Page Webmaster / Technology Transfer</b> | <b>Felix Monterroso</b><br>Willdan Energy Solutions — 626.629.9658      |



*Everyone in Tri-County is responsible for building a better tomorrow!*

# Tri-County SUPER HEAT

6040A Irwindale Avenue,  
Irwindale, CA 91702

**CELEBRATING PLUS 28 YEARS 1989-2017 TRI-COUNTY ASHRAE!**

## P A S T P R E S I D E N T S

|           |                    |           |               |
|-----------|--------------------|-----------|---------------|
| 1988-1989 | SUKHDEVMATHAUDHU   | 2014-2015 | RYANRODRIGUEZ |
| 1989-1990 | SUKHDEVMATHAUDHU   | 2015-2016 | SHAW GENTRY   |
| 1990-1991 | JEFFLEONARD        | 2016-2017 | CHRISROBLES   |
| 1991-1992 | DELTHOMAS          |           |               |
| 1992-1993 | TONYPIERCE         |           |               |
| 1993-1994 | GREGMORIN          |           |               |
| 1994-1995 | TONYHENKEL         |           |               |
| 1995-1996 | JOHNHAVILAND       |           |               |
| 1996-1997 | JOELCARTER         |           |               |
| 1997-1998 | CHANDRACHINDE      |           |               |
| 1998-1999 | JIMTODA            |           |               |
| 1999-2000 | RICHARDMCLEOD      |           |               |
| 2000-2001 | KERRYPARKER        |           |               |
| 2001-2002 | DEBRACHAVIRA-SMITH |           |               |
| 2002-2003 | LUCASHYMAN         |           |               |
| 2003-2004 | JOESANDERS         |           |               |
| 2004-2005 | BOBGASTEL          |           |               |
| 2005-2006 | ARTANDRES          |           |               |
| 2006-2007 | JIMPARKER          |           |               |
| 2007-2008 | KYLELANDIS         |           |               |
| 2008-2009 | RICKCREED          |           |               |
| 2009-2010 | ROBERTMORSE        |           |               |
| 2010-2011 | TIMHALD            |           |               |
| 2011-2012 | JAIMELOPEZ         |           |               |
| 2012-2013 | ERICKDELGADO       |           |               |
| 2013-2014 | NICOLASROSNER      |           |               |

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## American Society of Heating, Refrigerating, and Air Conditioning Engineers

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.