

# Tri-County SUPER HEAT ASHRAE

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

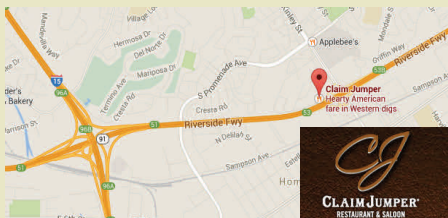
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## MEETING INFORMATION

**Date:** February 16, 2016  
**Location:** Claim Jumper Restaurant, Corona  
**Social Hour:** 6:00-7:00  
**Dinner and Program:** 7:00  
**Cost:** \$40



We look forward to seeing you again at our next meeting. Claim Jumper Restaurant is located on 380 McKinley Street in Corona, near the 15 and 91 freeway interchange. Please e-mail Felix at [ashraetricounty@gmail.com](mailto:ashraetricounty@gmail.com) to reserve your spot for the upcoming meeting.

Claim Jumper Restaurant  
 380 McKinley Street, Corona

## ASHRAE'S CORE VALUES

As we get set to the end of our 2015-2016 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 2015-2016  
Tri-County ASHRAE season,  
please contact

Felix Monterroso 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 2015-2016 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.*

**FELIX MONTERROSO**

TCSH Editor

## ***“Ventilation: The Once and Future King”***

***The ASHRAE Tri-County Chapter cordially invites you to attend our next meeting to take place on February 16th, 2016 at Claim Jumper Restaurant in Corona, California.***

***Our speaker will be Distinguished Lecturer Dr. Max Sherman, who is a Staff Senior Scientist at the Lawrence Berkeley National Laboratory and is a senior advisor on residential matters. His research career spans over 35 years and 200 publications, most of which focus on buildings, energy efficiency, IAQ and HVAC. His most recognized research areas also include ventilation, thermal distribution systems, infiltration, IAQ and envelope-dominated buildings. Dr. Sherman gives technical lectures frequently and has appeared in the popular media on issues of energy, ventilation and duct tape.***

***In “Ventilation: The Once and Future.” Dr. Sherman will look at an historical perspective of ventilation, including the reasons for ventilation then and now, the methods of ventilation then and now, and the amounts of ventilation then and now. In our modern society outdoor air can contain a variety of contaminants that we do not want in our buildings and this talk will discuss some reasons for not wanting to ventilate.***



# LAST MEETING

## “Trivia Night”

*The ASHRAE Tri-County Chapter successfully hosted the first “Trivia Night” meeting on January 19th, 2016.*

*This fun event tested and improved attendees’ engineering, HVAC and ASHRAE knowledge and understanding. Tri-County members had a great night to learn, share knowledge, and have fun!*

*Members of the chapter and students from the Cal Poly Pomona student chapter engaged in ASHRAE related topics for several rounds of exciting trivia-questions.*

*Everyone did an outstanding job, and the ASHRAE Tri-County chapter will like to specially congratulate:*

- *First Place - Vishal Gupta & Kakeru Fujikawa*
- *Second Place - Adam Stadnik & Bob Woods*

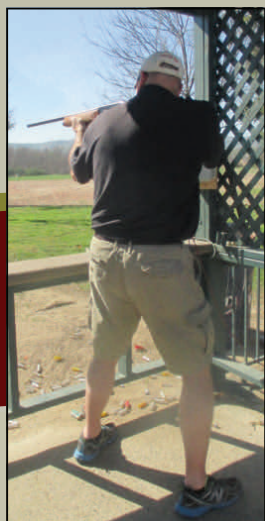


# SPORTING CLAYS EVENT

*On February 12th, 2016 the Tri-County Chapter hosted the first fundraiser event of the 2016 year at Mike Raahauge Shooting Enterprises in Corona, California.*

*A special thanks for all those who supported the cause and came to have lots of fun!*

*Food was great, weather was awesome; it was the best event to welcome a long holiday weekend!*



# PRICELESS PICS



For our first fundraiser of 2016, Tri-County ASHRAE members enjoyed of a very fun Sporting Clays event. The money gather will support the ASHRAE Tri-County scholarship fund for students interested in the HVAC field. The Tri-County Chapter would like to specially congratulate Brian McDonald, Travis Boyd, and Chris Robles for obtaining first, second and third place respectively.

Photos courtesy of Felix Monterroso.

# 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*

# 2015-2016 PARTIAL ROSTER

## Officers

<b>President</b>	<b>Shaw Gentry</b> Goss Engineering, Inc. — 951-233-1827
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<b>Treasurer</b>	<b>Kakeru Fujikawa</b> Goss Engineering, Inc. — 714.310.8126
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	<b>John Garcia</b> RF MacDonald Company — 714-412-1534
	<b>Jaime Lopez</b> Southern California Gas — 951-533-1121
<b>CTTC</b>	<b>Adam Stadnik</b> Southern California Edison — 909-261-7632

## Committee Chairs

<b>Membership Promotion</b>	<b>Ryan Rodriguez</b> Willdan Energy Solutions — 626-260-6623
<b>Historian</b>	<b>Jim Toda</b> Custom Cooling Company — 909.599.9222
<b>Student Activities</b>	<b>Jim Toda</b> Custom Cooling Company — 909.599.9222
<b>Research Promotion</b>	<b>Joe Sanders</b> DMG — 951-310-3235
<b>Membership Promotion Co-Chair</b>	<b>Erick Delgado</b> Air Conditioning Specialties Co. — 626.840.9001
<b>Newsletter Editor</b>	<b>Felix Monterroso</b> Willdan Energy Solutions — 626.629.9658
<b>Home Page Webmaster / Technology Transfer</b>	<b>Felix Monterroso</b> 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  
**25** YEARS  
1989-2015  
TRI-COUNTY ASHRAE!

— journal of the tri-county chapter of the —

*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.

1988-1989	SUKHDEV MATHAUDHU
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1990-1991	JEFF LEONARD
1991-1992	DEL THOMAS
1992-1993	TONY PIERCE
1993-1994	GREG MORIN
1994-1995	TONY HENKEL
1995-1996	JOHN HAVILAND
1996-1997	JOEL CARTER
1997-1998	CHANDRA CHINDE
1998-1999	JIM TODA
1999-2000	RICHARD MCLEOD
2000-2001	KERRY PARKER
2001-2002	DEBRA CHAVIRA-SMITH
2002-2003	LUCAS HYMAN
2003-2004	JOE SANDERS
2004-2005	BOB GASTEL
2005-2006	ART ANDRES
2006-2007	JIM PARKER
2007-2008	KYLE LANDIS
2008-2009	RICK CREED
2009-2010	ROBERT MORSE
2010-2011	TIM HALD
2011-2012	JAIMELopez
2012-2013	ERICK DELGADO
2013-2014	NICOLAS ROSNER
2014-2015	RYAN RODRIGUEZ