

Tri-County SUPER HEAT ASHRAE

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

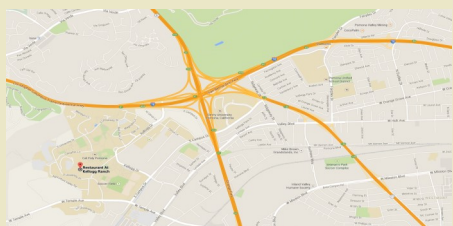
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MEETING INFORMATION

Date: September 20, 2016
Location: Claim Jumper Restaurant, Corona
Social Hour: 6:00-7:00
Dinner and Program: 7:00
Cost: \$45



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 to reserve your spot for the upcoming meeting.

Claim Jumper Restaurant
 380 McKinley Street, Corona

ASHRAE'S CORE VALUES

As we get set to start our 2016-2017 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.

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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 2016-2017
Tri-County ASHRAE season,
please contact

Rich Morrow via e-mail
at...

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*

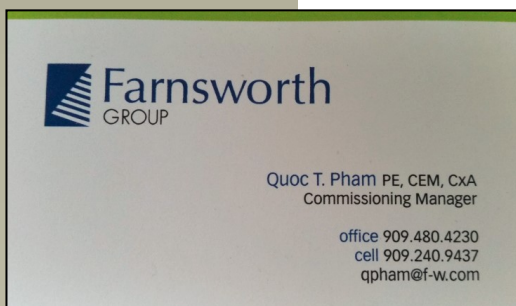
for the 2016-2017 Tri-County ASHRAE season!

*Now that you're interested, send a *.jpg version of
your business card to 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.*

RICHMORROW

TCSH Editor



New ASHRAE Leaders!

Our Tri-County ASHRAE leaders for the 2016-2017 season are the following:

- Chris Robles** / DMG / President
- Ian Villazana** / ACCO / President Elect
- Kakeru Fujikawa** / Goss Engineering / Secretary
- Felix Monterroso** / Willdan Energy Solutions / Treasurer
- John Garcia** / RF MacDonald Company / Board Member
- Jaime Lopez** / The Gas Company / Board Member
- Ryan Rodriguez** / Willdan Energy Solutions / Board Member
- Shaw Gentry, PE, CEM** / Goss Engineering / Board Member



NEW MEETING

"Building Automation System's Role Within LEED"

Chris Abbamonto is an Executive Account Manager for Siemens Building Technologies. Chris has 17 years experience in contracting, facility energy management, and resource management services. Chris is a Certified Energy Manager through AEE, a USGBC Leed Accredited Professional, and ASHRAE member.

Steven Linn is the Territory Sales Manager for Siemens Controls and HVAC products in Southern California with over 30 years experience in the HVAC/R industry. Steve has been involved in many ASHRAE chapter functions, and was Chair of ASHRAE Technical Committee 1.4 – Control Theory and Application.

For this presentation, Chris and Steven will cover the LEED point system and the categories of LEED. They will also cover the basics of a Building Automation System (BAS) system and understanding how a BAS system can contribute to LEED points in the various LEED categories. At the conclusion of the presentation, attendees will be able to explain and comprehend BAS strategies that can be used to support LEED points.

WHAT'S NEW?

“Cal Poly Pomona ASHRAE Student Branch Achievement”

The Cal Poly Pomona Student Branch had their first ASHRAE Student Design Competition “First Place Finish” this year. Congratulations to team members for this great accomplishment! Team members were Miro Zaroukian, Asped Khachatoorian, Christian Garcia, Sevan Hovsepian, and Tade Mirzakhanyan. Their advisors were Dr. Henry Xue from Cal Poly Pomona and Dick Gilbert from California Energy Designs.

The ASHRAE Design Competition is a contest sponsored by ASHRAE to encourage students to become involved in our industry. Design Competition teams select HVAC systems for a given building.

Cal Poly Pomona had two excellent Design competition entries this year. The top entry was selected to move on to the Regional Level, where the entry was then selected as the winning Region X entry. Cal Poly Pomona then beat out all the other top entries, among the 14 ASHRAE Regions, to win the national Society Level competition.

Confirming ASHRAE gives more than it receives, each of the winning team members are now working in Engineering positions. Miro and Asped are at California Energy Designs, Christian is at JMD Equipment Sales, Sevan is at Integrated Engineering, and Tade is at RBM Conveyor Systems Inc. Great job Cal Poly Pomona ASHRAE Student Branch!

Jim Toda (Cal Poly Pomona Student Branch advisor)

CHAPTER REGIONAL CONFERENCE



2016 Region X Chapter Regional Conference (CRC)

The 2016 CRC for ASHRAE Region X took place on August 11-13, 2016 at the Omni Hotel in Los Angeles, California.

The Region X welcomed ASHRAE members to beautiful Los Angeles for a weekend of Region & Chapter Business, Training and lots of fun.

Tri-County members in attendance (starting from the left to right) were: Ian Vilazana, Kakeru Fujikawa, Felix Monterroso, and Ryan Rodriguez



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 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, Attention: Tricia Kuehl. TTG Engineers, 901 Via Piemonte, Suite 400, Ontario, CA 91764

2016-2017 PARTIAL ROSTER

Officers

President	Chris Robles DMG — 562-692-1277
President-Elect	Ian Villazana Willdan Energy Solutions — 714-278-8325
Treasurer	Felix Monterroso Willdan Energy Solutions — 626.629.9658
Secretary	Kakeru Fujikawa Goss Engineering, Inc. — 714.310.8126

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Jaime Lopez Southern California Gas — 951-533-1121
Ryan Rodriguez Willdan Energy Solutions — 626-260-6623
Shaw Gentry Goss Engineering Inc.—951.233.1827

Committee Chairs

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

Tri-County

SUPER HEAT

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	SUKHDEV MATHAUDHU	2015-2016	SHAW GENTRY
1989-1990	SUKHDEV MATHAUDHU		
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	LUCASHYMAN		
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	JAIME LOPEZ		
2012-2013	ERICK DELGADO		
2013-2014	NICOLAS ROSNER		
2014-2015	RYAN RODRIGUEZ		

— 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.