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.
Imagine a unique marketing opportunity! For only $50 (yes, just $50!), you and your business can have your business card appear on this very page of this publication for the 2017-2018 Tri-County ASHRAE season.

If you’re interested, submit your business card file to ashraetricounty@gmail.com, and send a check for $50 made out to Tri-County ASHRAE. We will be happy to provide you with the necessary instructions on how to proceed.

Remember to include your e-mail address so we can contact you.

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 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.

RICHARD MORROW
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 Solutions
Board Member: Shaw Gentry / Goss Engineering Inc.
“How Good Leaders Become Great Leaders with Emotional Intelligence”

Leaders become great, not because of their power, but because of their ability to empower others. – John Maxwell

These days, the society is all about grades; who has the best grades and which school you have been graduating from. But why is it that employees with average grades from average schools are surpassing their All-Stars peers? Why is it that we have managers, boss and CEO that are not performing or that are not liked by their employees?

Emotional intelligence is definitely one of the key elements in improving your leadership skills in life, at work and with your volunteer organization like ASHRAE. Emotional intelligence is the key to your success!

There are four E.Q. skills: Self Awareness, Self management, Social awareness and Relationship management. And there are many strategies in improving your E.Q. skills to improve yourself.

This presentation touched on the discussion between E.Q. vs gender, age and culture, ASHRAE being a global organization.

To the right, our current ASHRAE president, Ian Villazana and last month’s guest speaker, Karine Leblanc.
“How Good Leaders Become Great Leaders with Emotional Intelligence”

Karine Leblanc received her bachelor degree in Mechanical engineering from Ecole de Technologie Superieure (ETS), a public engineering school in Montreal, Quebec, Canada, who was founded in 1974 and that is part of University of Quebec. ETS is specialized in applied teaching and technology transfer to companies.

Karine has been working as an HVAC sales engineer for US Air Conditioning Distributors since 2002 and has been an active member of ASHRAE since she was a student.

In 2009-2010, Karine was the 2nd female and youngest President of the 85th year old chapter of Southern California. She has served on the ASHRAE Society Board of Director from 2014-2017 and became the first female Region X Director Regional Chair since 1959.

She has received the Louise & Bill Holladay chapter Distinguished service award, the Region X Director’s Cup award, the Regional Award of Merit and the Distinguished Service Award.
"How UV-C Can Reduce HVAC Energy, Maintenance Costs and Improve IAQ"

This presentation will briefly describe what UV-C energy is and how it’s produced. It will touch on how UV-C has been used for nearly 100 years to destroy microorganisms on surfaces and in air. It will illustrate how UV-C is currently used to provide a “Green”, non-chemical method of stripping dirt and grime from coil and drain pan surfaces without residue. Case studies will be provided along with the simple methods used to validate their aging HVAC systems return to near new performance. Suggestions will be made on how to take advantage of this increased performance to save energy. We will also discuss current standards and guidelines within ASHRAE, UL and ISO.

UVR’s recent growth stems from its ability to provide higher quality, longer warranted products in the markets it serves and at the most affordable price, world-wide. Users are assured of receiving national and internationally available components that are properly configured to protect people, goods and equipment from harmful microorganisms, and other organic materials on surfaces and in air. Our goal is to provide easily validated results to anyone, anywhere.
“How UV-C Can Reduce HVAC Energy, Maintenance Costs and Improve IAQ”

The presenter, Mike McKinney has been active for ten years in the HVAC industry. He spent six years with an air filter distributor in Los Angeles, and two years as the Western Regional Manager for a large air filter manufacturer. He is currently the Western Regional Manager for UV Resources, a leading manufacturer of UV-C products for the HVAC&R industry that provide surface and airborne microbial control and organic materials decontamination. He has a Bachelor of Science degree in Economics from the University of California, Davis. He is a member of ASHRAE, CSHE, and NAFA.
## 2017-2018 ASHRAE Monthly Dinner Schedule

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Location</th>
<th>Address</th>
<th>Topic</th>
<th>Presenter / Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>October</td>
<td>10/17/2017</td>
<td>Claim Jumper</td>
<td>380 McKinley St. Corona, CA 92879</td>
<td>&quot;How Good Leaders Become Great Leaders with Emotional Intelligence&quot;</td>
<td>Karine LeBlanc / Sales Engineer, USACD</td>
</tr>
<tr>
<td>November</td>
<td>11/21/2017</td>
<td>Claim Jumper</td>
<td>380 McKinley St. Corona, CA 92879</td>
<td>&quot;How UV-C Can Reduce HVAC Energy, Maintenance Costs, and Improve IAQ&quot;</td>
<td>Mike McKinney / Western Regional Manager, UV Resources</td>
</tr>
<tr>
<td>December</td>
<td>12/12/2017</td>
<td>Energy Resource Center</td>
<td>9240 Firestone Blvd. Downey, CA 90241</td>
<td>&quot;Sustaining ASHRAE Through Leadership&quot;</td>
<td>Ron Jarnagin / Principal Owner at RLK Technical Consultants, LLC</td>
</tr>
<tr>
<td>January</td>
<td>1/16/2018</td>
<td>Co Co Palm</td>
<td>1600 Fairplex Dr. Pomona, CA 91768</td>
<td>&quot;Owner’s Perspective of MEP Consultants&quot;</td>
<td>Carl Newth / Campus Director of Engineering, UCLA</td>
</tr>
<tr>
<td>February</td>
<td>2/20/2018</td>
<td>Claim Jumper</td>
<td>380 McKinley St. Corona, CA 92879</td>
<td>&quot;Green Buildings: Help or Hype?&quot;</td>
<td>Hank Jackson / Owner, Etech Solutions</td>
</tr>
<tr>
<td>March</td>
<td>3/20/2018</td>
<td>Claim Jumper</td>
<td>380 McKinley St. Corona, CA 92879</td>
<td>&quot;HVAC Hall of Shame: Examples of Poor Engineering Design and How to Avoid&quot;</td>
<td>Mike Gallagher / Mechanical Service Engineer, Western Allied Corp.</td>
</tr>
<tr>
<td>April</td>
<td>4/17/2018</td>
<td>Cal Poly Pomona Kellogg West</td>
<td>3801 W Temple Ave. Pomona, CA 91768</td>
<td>Student Night- &quot;Update on Variable Air Volume &amp; Constant Air Volume Technology&quot;</td>
<td>Tom Podgurski / Group Director, Royal Service</td>
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<tr>
<td>May</td>
<td>5/15/2018</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
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<tr>
<td>June</td>
<td>6/19/2018</td>
<td>Wick's Brewery</td>
<td>11620 Sterling Avenue C. Riverside, CA 92503</td>
<td>Installation Dinner</td>
<td>-</td>
</tr>
</tbody>
</table>
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.
- 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 tkuehl@ttgcorp.com, Attention: Tricia Kuehl.
TTG Engineers, 901 Via Piemonte, Suite 400, Ontario, CA 91764

WILLDAN Engineering

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, daylighting, 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: Shaf Amoni.
Willdan Energy Solutions, 2401 E Katella Ave #300, Anaheim, CA 92806

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

2017 PARTIAL ROSTER

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

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1989-2017
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