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.
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!

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Treasurer: Elyse Johnson / IMEG Corp.

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Board Member: Chris Robles / DMG
Board Member: Ryan Rodriguez / Opterra Energy Services
Board Member: Shaw Gentry / Goss Engineering Inc.
“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.
“Green Buildings: Help or Hype?”

This workshop is designed to familiarize participants with the state-of-the-art in sustainable design, current issues and design tools, and likely future developments. This workshop includes a survey of sustainable design practice, including LEED certification process. This course is designed for architects, engineers, residential developers, and large institutional and commercial property owners interested in building a “green building”.

Hank Jackson, owner and principal of ETech Solutions, has provided technical training and consulting services in the energy efficiency marketplace since 1979. He holds a Bachelor of Aerospace Engineering (1974) and a Master of Science in Aerospace Engineering (1978), both from the Georgia Institute of Technology, Atlanta, Georgia. Originally registered in Georgia, Mr. Jackson’s currently practices in North Carolina.

Mr. Jackson served as director of the Georgia Industrial Energy Extension Service program at the Georgia Institute of Technology prior to entering a private consulting practice. During a five year hiatus from consulting (1999 – 2005), he was department chair of Mechanical Engineering Technology at Asheville-Buncombe Technical Community College in Asheville, North Carolina.
“Green Buildings: Help or Hype?”

Mr. Jackson specializes in energy management consulting and custom design of energy efficient mechanical systems for commercial, institutional, and industrial buildings. He has provided training for numerous public electric and natural gas utilities, including Georgia Power, Midwest Gas, Pacific Gas and Electric, Southern California Edison, and Niagara Mohawk Power. He has also traveled abroad to Jamaica and Central America to conduct energy audits and to provide technical training, including a lecture series in Spanish.

Mr. Jackson has been a member of ASHRAE since 1983. He co-authored “Infiltration heat gains through cold storage room doorways,” 1989 with W.A. Hendrix and D.R. Henderson, ASHRAE Transactions 95(2).
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<tr>
<th>Month</th>
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<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>
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<td>November</td>
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<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>
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<td>Energy Re-</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>
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<td>January</td>
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<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>
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<td>380 McKinley St. Corona, CA 92879</td>
<td>&quot;Green Buildings: Help or Hype?&quot;</td>
<td>Hank Jackson / Owner, Etech Solutions</td>
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<td>March</td>
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<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>
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<td>April</td>
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<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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<td>(Student Night)</td>
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<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>
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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: 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
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Everyone in Tri-County is responsible for building a better tomorrow!

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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.