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.

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 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.
ASHRAE Leaders!

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

- Chris Robles / DMG / President
- Ian Villazana / ACCO Engineered Systems / 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
- Shaw Gentry, PE, CEM / Goss Engineering / Board Member
"Refrigeration and the Beer Brewing Process"

Have you ever thought about what makes a good beer? Proper ingredients and equipment are important. However, the brewing heating and refrigeration processes are what any brewer must master in order to make a quality beer. Local breweries such as JT Schmid’s, the Bruery, Brewbakers, and Good Beer have generously provided our ASHRAE chapter access to their facilities to assemble October’s tasty presentation. An overview of the beer brewing processes, refrigeration systems, and how they affect the styles that you’ve come to enjoy will be presented. Most of all we want to give you the opportunity to relax and more thoroughly appreciate what goes into your favorite craft beer.

Ed Mendieta is a professional mechanical engineer and president of Sustained Solutions, Inc. who specializes in commissioning, training, and sustainability. Ed was introduced to home beer brewing by the Winiarski family (Stags Leap) in Northern California while attending the CSU Maritime Academy. Over the years, Ed has enjoyed beer brewing as a hobby. ASHRAE Tri-County Chapter invites you to participate in the emergence of the craft beer industry by having a pint and attending our October presentation at JT Schmid’s in Anaheim. Ed will describe how refrigeration technologies are utilized at local beer brewing operations to produce familiar beer styles such as ales and lagers.
"Building Automation System’s Role Within LEED"

Chris Abbamonto and Steven Linn covered the LEED point system and the categories of LEED. They also covered 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 were able to explain and comprehend BAS strategies that can be used to support LEED points.
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:
- 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 tkuehl@ttgcorp.com, Attention: Tricia Kuehl. TTG Engineers, 901 Via Piemonte, Suite 400, Ontario, CA 91764.

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.

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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TRI-COUNTY ASHRAE!

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.