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.

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.
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
"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.
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 Zarroukian, Asped Khachatourian, 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)
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
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

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.

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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— Journal of the 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.