As we proceed through our 2020-2021 Tri-County ASHRAE season, let’s continue to keep ASHRAE’s core values in mind…

**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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TCSH Editor
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- **General Water Systems**: Pressure independent & control valves, Adjustable automatic flow limiting
- **Bray**: Specialty HVAC valves, high performance butterfly valves, ball valves & control valves
- **Quadax**: Four-offset high performance butterfly valves, industrial valves for steam and industrial applications
- **Pipe Shields**: Pre-insulated pipe supports, guides, and anchors
- **SWEP**: Braided plate heat exchangers for HVAC, refrigeration
- **Duo-Aire**: Commercial kitchen ventilation & utility distribution systems
- **Ammark Corp.**: Thermostatic hydronic flow control valves for HW, CHW, & Steam

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Our ASHRAE Tri-County leaders for the 2020-2021 season!

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*About us!*
“The Devil’s in the Details”

A CEU Credit Presentation with Certificate. This meeting was oriented towards identifying the pitfalls (problems and importance) of improper installation, operation and maintenance of equipment relevant to:

- Combustion
- Improper Fuel Ratio
- Venting
- Condensate
- Gas Analysis
- Clearance Requirements
- Gas Piping
- Drip Legs
- Regulators
- Pumping
- Scaling
- Water Hardness
- Water Volume
- Controls

Bob graduated from Nasson College, Idaho State University and did his doctorate at the University of Rhode Island. He started in the industry in 1986, has been an ASHRAE member for 24 years and has served as President for two ASHRAE Chapters, So Cal and Orange Empire. Bob is currently serving as the Chapter Treasurer for the Orange County ASPE Chapter. He has been specializing in boiler application, steam and combustion technology since 1995. Bob currently works for Raypak as a Consultant as well as a District Manager.
“Mitigating Disease Transmission with Germicidal UV-C”

This presentation will briefly discuss the basics of Germicidal UV-C technology and its ability to inactivate all known microorganisms including viruses, mold, bacteria—even drug-resistant superbugs. The presentation will cover infectious diseases and how they can be inactivated in air-streams with the UV-C wavelength. The presentation will also cover ASHRAE’s position on UV-C, as well as the different applications of UV being used to mitigate the transmission of airborne diseases as well as maintaining HVAC efficiency.

Jones has served the HVAC community for more than three decades, helping to educate and train facility managers, specifying engineers and industry professionals with an emphasis on air-stream disinfection and surface treatment technologies. The president and co-founder of UV Resources, Daniel Jones is the author of numerous articles on germicidal-UV airstream and surface disinfection. Mr. Jones is an active member on several ASHRAE Technical Committees, including corresponding member of TC 2.9, Ultraviolet Air and Surface Treatment, and the standard project committee for ANSI/ASHRAE Standard 185.2.

Daniel Jones
President & Co-Founder
dan.jones@uvresources.com

Find Out More!
Historian’s Report
By: Jim Toda (Tri County Historian)

The Tri County chapter’s favorite “Senior Student” member will always be Lou Horsefield. Lou died in an automobile accident on October 31, 2005. Lou always made Tri County meetings more enjoyable with his presence and humor. The chapter certainly misses him!

Lou loved ASHRAE meetings. He would attend all four Southern California area chapters each month. He would go to the Southern California chapter the first Tuesday, the San Diego chapter the second Tuesday, the Tri County chapter the third Tuesday, and the Orange Empire chapter the fourth Tuesday.

Lou served our chapter several times, as a nominating committee member. He also regularly contributed to ASHRAE research, through the Tri County chapter.

Linne Horsefield presented Ouma Moss with the first annual Lou Horsefield Memorial Scholarship, on March 21, 2006.
The Tri-County chapter of ASHRAE was pleased to award scholarships to three deserving students, each from Cal Poly Pomona. The scholarships were awarded based on their essay responses for the following question: “How will your field of study and your future professional career support the design of energy-efficient HVAC systems”?

The first place $800 Lou Horsefield Memorial scholarship was awarded to Jazmin Leon Francisco. The second place $600 scholarship was awarded to Miguel Rodriguez. The third place $400 scholarship was awarded to Alejandro Robles.

Congratulations go out to these students. The Tri-County chapter of ASHRAE wishes them success and good luck in their future endeavors.
Manny Perez (President-Elect) represented the Tri-County ASHRAE chapter as an alternate during the 2020 Virtual CRC. He also attended "ALL" the main sessions and workshops held by Region X.

Thanks Manny, your participation was awarded with points for our chapter!

Go Tri-County!!!!!!
2020-2021 PARTIAL ROSTER

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— 562-301-4589

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Treasurer  Walter Escamilla
— 323.407.1482

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Felix Monterroso
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Erick Delgado
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Ian Villazana
ACCO Engineered Systems — 714-287-8325

Committee Chairs

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

Newsletter Editor  Felix Monterroso
Willdan Energy Solutions — 626-629-9658

Membership  Erick Delgado
Promotion Dawson Company — 626-755-3798

Young Engineers in
ASHRAE (YEA)  Felix Monterroso
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Everyone in Tri-County is responsible for building a better tomorrow!

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