

Tri-County SUPER HEAT ASHRAE

American Society of Heating, Refrigerating and Air-Conditioning Engineers

IN THIS ISSUE...

ASHRAE's Core Values	1
Local Businesses	2
Business Cards	3
Advertisement	4
Leadership	5
Past Meeting	6
Upcoming Meeting	7
Local Events	8
Partial Roster	9



MEETING INFORMATION

Date: December 10, 2019
Location: SoCal Gas — ERC
 Downey, CA
Time: 5:30 -8:30 PM
Member Cost: \$65
Non-Member Cost: \$70



We look forward to seeing you again at our next meeting. Our next meeting will be held at SoCal Gas—Energy Resource Center located at 9240 Firestone Blvd, Downey, CA. Please e-mail Felix Monteroso at ashraetricounty@gmail.com to reserve your spot for the upcoming meeting.

SoCal Gas ERC: 9240 Firestone Blvd, Downey, CA 90241

ASHRAE'S CORE VALUES

As we proceed through our 2019-2020 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.

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.

LOCAL BUSINESSES

PLEASE SUPPORT OUR
BUSINESS CARD
ADVERTISERS LOCATED
HERE AND ELSEWHERE IN
THIS PUBLICATION...

**MAKE AN INVESTMENT
IN OUR INDUSTRY'S
FUTURE!**

If you would like to place a
business card ad in Super
Heat for the 2019-2020 Tri
-County ASHRAE season,
please contact

Felix Monterroso via e-mail
at...

ashraetricounty@gmail.com

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 2019-2020 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 (or cc payment) for \$50
made out to Tri-County ASHRAE.*

*We will let you know where to send the check or
how to pay via cc when you send your business
card file to us at the above e-mail address.*

Felix Monterroso

TCSH Editor

BUSINESSES CARDS



JIM TODA
Sales Engineer

425 W. BONITA AVENUE #106 • SAN DIMAS, CA 91773
Phone (909) 599-9222 FAX (909) 599-4418

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Our ASHRAE Tri-County leaders for the 2019-2020 season!

OFFICERS

President: Felix Monterroso / Willdan Energy Solutions

President Elect: Elyse Johnson / Infrastructure Factor Consulting Inc.

Secretary: Vacant

Treasurer: Sarah Takhtawala / Goss Engineering Inc.

BOARD OF GOVERNORS

Board Member: Kakeru Fujikawa / Goss Engineering Inc.

Board Member: Erick Delgado / Dawson Co.

Board Member: Ian Villazana / ACCO Engineered Systems

About us!



PAST MEETING

PRESENTATION TOPIC

“Acoustics 101”

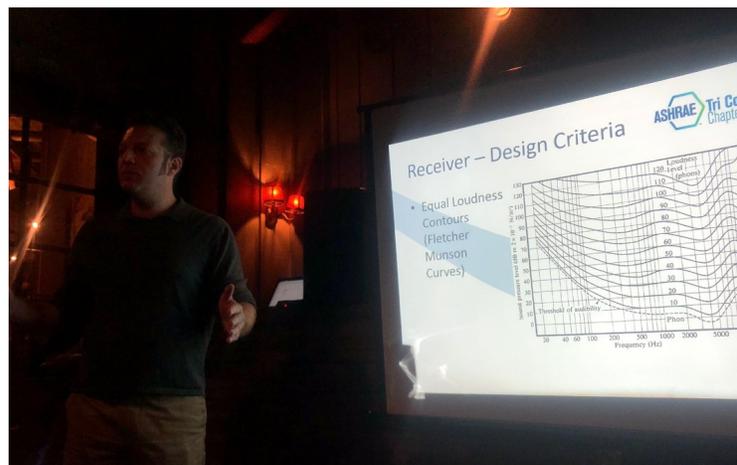
The presentation provided an overview of architectural acoustics with respect to HVAC equipment noise and vibration control. Audio demonstrations were presented and questions were answered at the end of the presentation. It was a very interactive meeting!

ABOUT THE PRESENTER

With a Bachelor of Science in Mechanical Engineering, Rich Silva worked briefly in his chosen field before merging his interest in engineering and music into an architectural acoustics career. Once in the consulting professions, Rich first landed in New York, relocating to Southern California in 2007.

He has provided the acoustical design for a broad range of projects including corporate campuses, courthouses, worship spaces, schools, universities, residences, and studios. He is particularly experienced in field investigations with significant hands-on experience troubleshooting noise and vibration issues. Music remains a focal point for Rich, who currently plays drums in the Irish Pub Rock band “Green Ashes” with his Veneklasen Associates’ colleagues.

Richard Silva, Senior Associate
Direct—(310) 566-5117
rsilva@veneklasen.com



UPCOMING MEETING

PRESENTATION TOPIC

[Register Here!!](#)

“Holistic Thinking for Multidisciplinary Design Solutions”

Presentation Summary: Designers of building HVAC systems do not act in a void but rather in a community of design and construction professionals who are all dedicated to the success of a given project. We can better contribute to this success when we understand the perspectives of our partners and can articulate our own technical parameters in a way that looks for synergy without strife.

This session will draw on the speaker’s two decades of experience as a design leader of teams with up to a dozen different analytical disciplines.

The talk starts by introducing the idea of unconscious bias built into our professional world view by our academic and specialist training and then turns to tips for transcending that bias to develop design empathy and proactive working relationships. By exploring a series of short case studies involving interface and coordination between architectural, structural, civil, MEP, façade, acoustics, fire and sustainability disciplines working in the building design context, the audience will be able to better recognize the needs and design sensibilities of our partners outside of the HVAC field.

ABOUT THE PRESENTER



Erin McConahey is a Principal in Mechanical Engineering with Arup, a 15,000 person employee-owned global engineering, advisory and planning consulting firm. During her 24 years with Arup, she has worked internationally and now leads multidisciplinary design teams in Los Angeles on a wide variety of project types.

Erin is a Professional Engineer in California and Colorado, a LEED accredited professional (BD+C specialty), an ASHRAE accredited High Performance Building Design Professional, a Certified Diversity Professional (CDP) and a Fellow of the American Society of Heating, Refrigeration, and Air-conditioning Engineers.

[For more info!](#)

Cal Poly Pomona ASHRAE Student Branch

Jim Toda (Student Activities Chair)

On September 26, the Cal Poly Pomona ASHRAE Student Branch had their first meeting this year, with 22 students attending. See picture on this page. The Student Branch is doing great, with excellent leadership provided by Student Branch President Jazmin Leon Francisco, Vice President Joseph (Joe) Rico, Media Coordinator Jamie Lopez, Secretary Jennifer Lopez, and Treasurer Eric Oliver.

Student Branch members are excited to participate in upcoming ASHRAE Student Branch activities and events. Some of the events scheduled are a Taco Sale Fundraiser, SCE tour, and Cal Poly Pomona Central Plant tour.

The Student Branch has already formed a team for the ASHRAE Student Design Competition next year. Cal Poly Pomona gives students credit for their Senior Project, when they participate in a Design Competition entry.

Tri County members will be able to meet Student Branch members, at our annual Student Night. Our Student Night meeting this year will be at Cal Poly, on April 21, 2020.



2019-2020 PARTIAL ROSTER



Officers

President	Felix Monterroso Willdan Energy Solutions — 626-629-9658
President-Elect	Elyse Johnson Infrastructure Factor Consulting Inc. — 951-892-6153
Secretary	Vacant
Treasurer	Sarah Takhtawala Goss Engineering, Inc. — 951-363-4786

Board of Governors

Kakeru Fujikawa Goss Engineering, Inc. — 714-310-8126
Erick Delgado Dawson Co. — 626-755-3798
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 Promotion	Erick Delgado Dawson Company — 626-755-3798
Young Engineers in ASHRAE (YEA)	Felix Monterroso Willdan Energy Solutions — 626-629-9658
Chapter Technology Transfer	Felix Monterroso Willdan Energy Solutions — 626-629-9658



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

Tri-County SUPER HEAT

CELEBRATING YEARS

30 1989-2019

TRI-COUNTY ASHRAE!

P A S T P R E S I D E N T S

1988-1989	SUKHDEV MATHAUDHU	2014-2015	RYAN RODRIGUEZ
1989-1990	SUKHDEV MATHAUDHU	2015-2016	SHAW GENTRY
1990-1991	JEFF LEONARD	2016-2017	CHRIS ROBLES
1991-1992	DEL THOMAS	2017-2018	IAN VILLAZANA
1992-1993	TONY PIERCE	2018-2019	KAKERU FUJIKAWA
1993-1994	GREG MORIN		
1994-1995	TONY HENKEL		
1995-1996	JOHN HAVILAND		
1996-1997	JOEL CARTER		
1997-1998	CHANDRA CHINDE		
1998-1999	JIM TODA		
1999-2000	RICHARD MCLEOD		
2000-2001	KERRY PARKER		
2001-2002	DEBRA CHAVIRA-SMITH		
2002-2003	LUCAS HYMAN		
2003-2004	JOE SANDERS		
2004-2005	BOB GASTEL		
2005-2006	ART ANDRES		
2006-2007	JIM PARKER		
2007-2008	KYLE LANDIS		
2008-2009	RICK CREED		
2009-2010	ROBERT MORSE		
2010-2011	TIM HALD		
2011-2012	JAIMELopez		
2012-2013	ERICK DELGADO		
2013-2014	NICOLAS ROSNER		

— journal of the tri-county chapter of the —

American Society of Heating, Refrigerating, and Air Conditioning Engineers

ASHRAE, founded in 1894, is an international organization of more than 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.