

Tri-County SUPER HEAT ASHRAE

American Society of Heating, Refrigerating and Air-Conditioning Engineers

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MEETING INFORMATION

Date: March 17, 2020
Location: Claim Jumper, Rancho Cucamonga, CA
Time: 6:00 -8:30 PM
Member Cost: \$45
Non-Member Cost: \$50



We look forward to seeing you again at our next meeting. Our next meeting will be held at the Claim Jumper Restaurant located at 12499 Foothill Blvd, Rancho Cucamonga, CA. Please e-mail Felix Monterroso at ashraetricounty@gmail.com to reserve your spot for the upcoming meeting.

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.

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

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Phone (909) 599-9222 FAX (909) 599-4418

E-MAIL: info@cccrops.com
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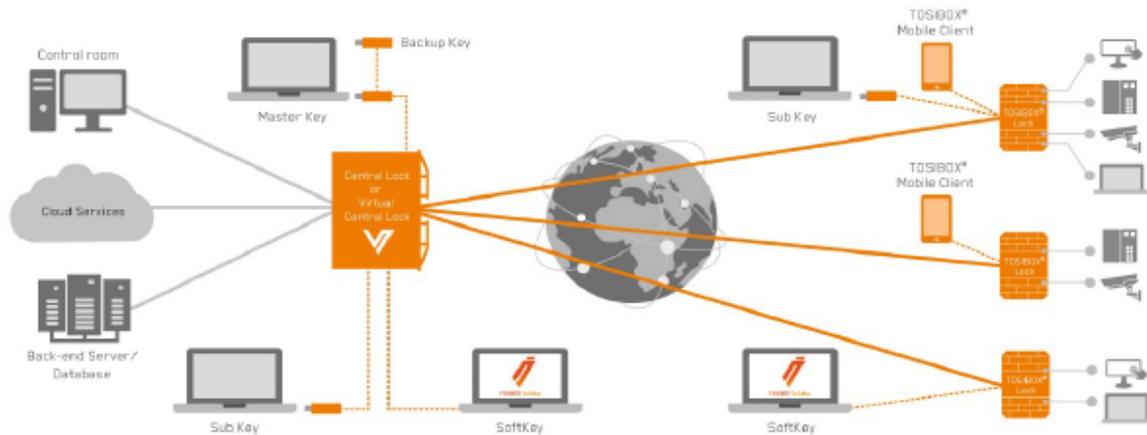
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Our ASHRAE Tri-County leaders for the 2019-2020 season!

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

“Principles of Museum Environmental Design”

Presentation Summary: This session discussed the key principles involved in managing the needs of the patrons with the long-term preservation of precious artifacts when designing museum environments. The speaker began with a brief overview of the mechanisms of artifact damage and follow with a collection of short case studies demonstrating the HVAC solutions typically used to create stable conservation environments.

ABOUT THE PRESENTER



Erin McConahey
Principal, Arup
erin.mcconahey@arup.com

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, Refrigerating, and Air-Conditioning Engineers.



UPCOMING MEETING



[Register Here!](#)

“FUN NIGHT / I WANT YOU! MEETING”

Our upcoming meeting will be different than usual. This meeting is specially oriented for you to come and get to know your local chapter while having some fun!

We will be hosting a "Trivia & Game Night" this upcoming March 17th at Claim Jumper Restaurant in Rancho Cucamonga. A FREE drink ticket will be given for those attending; It's Saint Patrick's day, let's have some fun! Also FREE raffle ticket to all attendees, prizes will be FUN too, guaranteed!

Intent:

The Tri-County chapter is eager to get its members more involved with ASHRAE. We not only want to improve our monthly attendance, but we want to share some leadership opportunities with you within our chapter. We want you!

- Do you have any ideas on how we can improve our chapter?
- Are you able/willing to volunteer (become an officer) to make our chapter great again?
- Is there anything that prevents you (or people that you may know) from coming to our meetings/events?

WE WANT TO HEAR FROM YOU!

Former Tri-County officers (past presidents, board of governors, etc...) as well as current Region X leaders/officials will be attending to this meeting. They will be there to answer any question you may have about ASHRAE and will be providing past/current experiences while volunteering in ASHRAE. We want you to realize the great impact and true value of your involvement with ASHRAE!

Our Chapter was born 31 years ago, and we are willing to do what it takes to make it great yet again! Are you with us?

Come to our meeting, join the family!

[Learn More!](#)

UPCOMING MEETING

PRESENTATION TOPIC

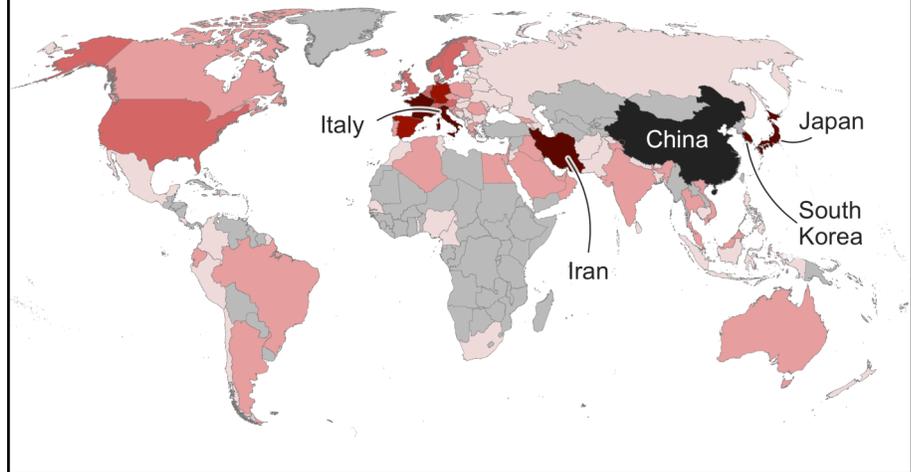
“Coronavirus (COVID-19)”

With a Masters’ in Microbiology and Biochemistry, followed by a Ph.D. in Virology, our all time friend Bob Woods, Direct Sales Manager from Raypak Inc., has volunteered to give a short presentation on Coronavirus. This will raise awareness and create a panel of discussion among attendees.

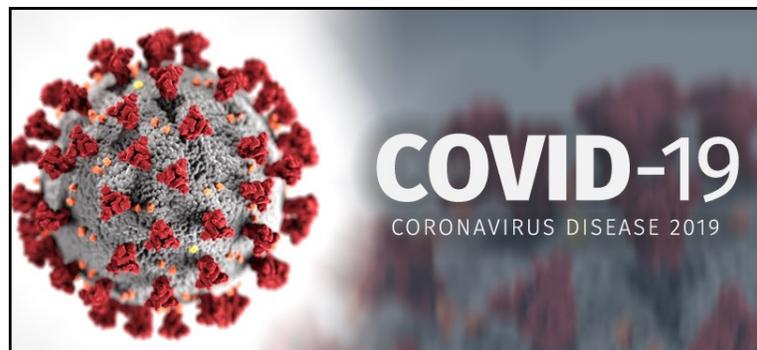


[Register Here!](#)

Cases of coronavirus outside China



Source: WHO, health ministries. Updated: 9 Mar 06:00 GMT



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.



LOCAL EVENTS



MAR
20

Women in ASHRAE
Networking Event

[Register for Free Here!](#)

Description

The ASHRAE chapters of SoCal, Orange Empire, and Tri-County are excited to present the second annual Women in ASHRAE networking event! The event will be held at Ballast Point Brewery in Long Beach, and will include appetizers and drink tickets.

Space is reserved to 50 people so make sure to RSVP!

FAQ's:

Is this event really free?

Yes! Through generous donations by ASHRAE chapters and industry companies, we are able to make this event completely free.

Are men allowed to attend?

Yes, men who are supportive of women in ASHRAE are welcome to attend.

Are students allowed to attend?

Yes, students who are 21+ and active members of their student ASHRAE chapters are welcome to attend.

Can I bring my partner who is not in an ASHRAE related field?

Since this is a networking event, we ask that you leave the event spots available for ASHRAE members. However, the rest of the Ballast Point bar will be open for non-ASHRAE members to hang out.

I reserved a ticket and now cannot attend. What should I do?

Please email the contact for the event and they will remove you from the list and free up that spot for someone else.

Email Sierra Spitulski for any additional questions!

Date And Time

Fri, March 20, 2020
4:00 PM – 8:00 PM PDT
[Add to Calendar](#)

Location

Ballast Point Brewing Company
110 N Marina Dr.
Long Beach, CA 90803
[View Map](#)

LOCAL EVENTS

[Register Here!](#)

*** Lunch is included***

REGISTRATION COST

Early Bird (Before March 20th)

50 – ASHRAE SoCal members

60 - non-member

Regular price

60 - member

70 - non member



ASHRAE SoCal Zero Carbon Building Design Spring Technical Seminar

MARCH 27, 2020 | 7 AM - 1 PM | LIGHT BREAKFAST AND LUNCH INCLUDED

LA KRETZ INNOVATION CAMPUS 525 S Hewitt St, Los Angeles, CA 90013

Registration Now Open! <https://www.ashrae-socal.org/events>

For questions please contact nverba@lawa.org

MEET YOUR PANEL:



Erin McConahey, PE, LEED AP BD+C

Principal in Mechanical Engineering at Arup in Los Angeles, with 25 years of experience leading multidisciplinary design teams on a wide variety of project types. She also holds recognition as an accredited High Performance Building Design Professional and a fellow from the American Society of Heating, Refrigeration, and Air-conditioning Engineers.



Aravind Batra, PE, LC, LEED AP BD+C

P25 Vice President with over 25 years of experience in consulting engineering covering both renovation and new construction. He brings an in-depth knowledge of electrical systems and is responsible for the design of numerous high performance buildings, independent reviews of various types of buildings, and providing peer review on various renovations and new buildings projects for educational, industrial and commercial facilities.



Stefani Szczechowski

Regional Sales Manager for Distech Controls in Southern California. She has been promoting open protocol systems and leading IoT technology for the past five years with Distech Controls. Stefani has been consistently exceeding customer expectations in the building management system industry since 2008 working with clients across the Western United States. She is making her mark in the industry as she was awarded the ControlTrends 2016 Young Gun of the Year Award and the 2018 ControlTrends Woman of the Year Award.



Peter Kraut, PE

Licensed mechanical engineer, specializing in the design of plumbing systems. He founded SCEG in 2001 and is a past President of the Los Angeles Chapter of ASPE. He has designed countless sustainable systems including reclaimed water, solar water heating, greywater blackwater and rainwater harvesting for many notable projects including the Los Angeles Federal Courthouse, and a high rise Moxxy-AC Marriott Hotel.



Jeff Landreth, PE, BEMP, BEAP, LEED AP O+M

Engineer, educator, and entrepreneur. He has spent the majority of his 15-year career as an energy, sustainability, and overall building performance consultant working on a wide range of project types and scale, locally and throughout the world. He is an expert in new and existing building commissioning, building automation, and performance optimization. He has been a building systems instructor and lecturer at Southern California universities since 2008.



Avidah Haghghi, AIA, LFA, LEED GA

Registered Architect and a Living Future Accredited professional dedicated to creating a regenerative built environment through her role as a designer and AEC industry advocate. She has a diverse portfolio of work spanning public and private sectors, such as public schools, large mixed-use developments and institutional projects, including the State's largest NZE building currently under construction. As an Architect and Project Performance Team member at ZGF she advises clients on global sustainability goals and real estate strategy, and works with design and consultant teams to identify unique opportunities in every project to create high performance buildings.



MEET YOUR MODERATOR:

Greg Collins, PE, LEED AP BD+C, BEMP

Founder and Principal at Zero Envy, a firm that provides building energy modeling, consulting, hourly support and training. Greg is a Mechanical Engineer with over ten years of experience.

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

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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 31 YEARS 1989-2020

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	LUCASHYMAN		
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	JAI MELOPEZ		
2012-2013	ERICK DELGADO		
2013-2014	NICOLAS ROSNER		

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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.