

# Tri-County SUPER HEAT ASHRAE

American Society of Heating, Refrigerating and Air-Conditioning Engineers

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## MEETING INFORMATION

**Date:** March 22, 2022  
**Location:** Online (ZOOM)

**Time:** 12:00PM to 1:00PM  
**Member Cost:** \$0.00  
**Non-Member Cost:** \$0.00

We look forward to have you in our next meeting. Due to COVID our meeting will be happening online and will be available for FREE to all member and non-members.

## ASHRAE'S CORE VALUES

As we proceed through our 2021-2022 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/PAGE AD 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 2021-2022 Tri-County ASHRAE season, please contact

Jhonattan Sebastian via e-mail at...

[ashraetricounty@gmail.com](mailto: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 MONTHLY PUBLICATION for the 2021-2022 Tri-County ASHRAE season!***

***And for only \$300 you can advertise your business with a FULL page ad ! (\$150 half page Ad)***

***Now that you're interested, send a \*.jpg version of your business card and/or page ad to: [ashraetricounty@gmail.com](mailto:ashraetricounty@gmail.com) and we will send you a link to pay for the corresponding fees.***

**Jhonattan Sebastian**

TCSH Editor

**CDI**  
CUSTOM CURB ADAPTERS

**Manny Perez**  
regional sales rep

562 301-4589 cell  
mperez@cdicurbs.com

**Maliha Williamson**  
Sales Engineer  
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heatcraftpd.com

**CUSTOM  
COOLING  
COMPANY, INC.**

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

E-MAIL: [info@cccrops.com](mailto:info@cccrops.com)  
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MAGIC-AIRE..... FAN COIL UNITS  
ENERTECH..... WATER SOURCE HEAT PUMPS  
THERMAL CORP..... CUSTOM AIR HANDLERS & FAN COILS  
KLEAN AIRE..... FILTER HOUSINGS & FILTERED SUPPLY FANS

**ADDITIONAL PRODUCTS**

*Sound Traps - Gravity Vents - Louvers - Dampers*

**Advertise Now!**



# LEARN THE LATEST TECHNOLOGIES IN THE HVAC/R INDUSTRY

Our Energy Education Centers offer online and hands-on courses to help you maximize your customer's HVAC/R system performance.

Sign up to take a class with us at [sce.com/classes](https://www.sce.com/classes)



*Our ASHRAE Tri-County leaders for the 2021-2022 season!*

## OFFICERS

President: Manny Perez / CDI Curbs

President Elect: Walter Escamilla / Custom Cooling Company

Secretary: Chris Van Dyke / Consulting

Treasurer: Jhonattan Sebastian / Willdan Energy Solutions

## BOARD OF GOVERNORS

Past President: Michael Franzen / Franzen Consulting

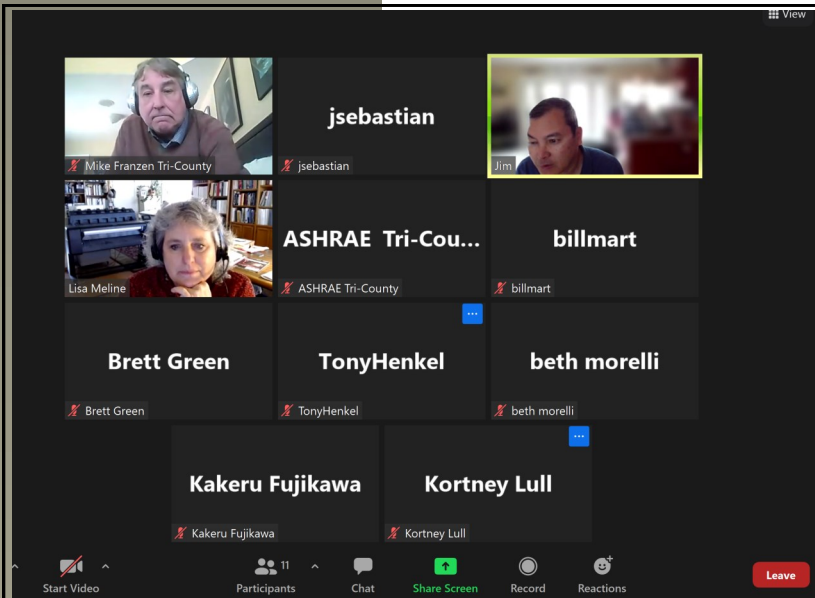
Board Member: Felix Monterroso / Willdan Energy Solutions

Board Member: Kakeru Fujikawa/ Goss Engineering Inc.

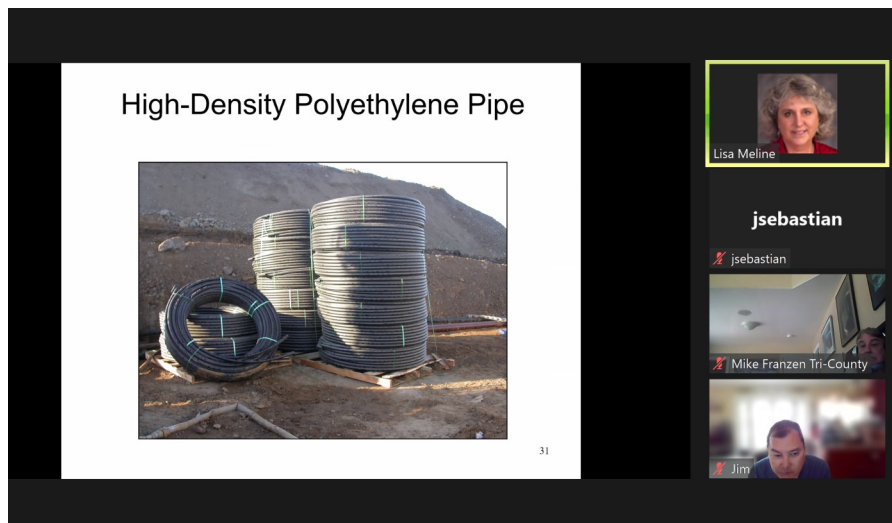
Board Member: Erick Delgado / Dawson Co.

*About us!*





A screenshot of a Zoom meeting grid. The participants are arranged in a grid with their names and small video thumbnails. The names visible are: Mike Franzen Tri-County, jsebastian, Lisa Meline, ASHRAE Tri-Cou..., billmart, Brett Green, TonyHenkel, beth morelli, Kakeru Fujikawa, and Kortney Lull. At the bottom, there are controls for Start Video, Participants (11), Chat, Share Screen, Record, Reactions, and a Leave button.



A screenshot of a presentation slide titled "High-Density Polyethylene Pipe". The slide features a photograph of several large rolls of grey pipe stacked on a wooden pallet in an outdoor setting. The slide number "31" is in the bottom right corner. On the right side, there is a vertical sidebar with participant thumbnails and names: Lisa Meline, jsebastian, Mike Franzen Tri-County, and Jim.



A screenshot of a presentation slide titled "Excavation". The slide features a photograph of an excavation site with a yellow excavator and a blue truck. The slide number "41" is in the bottom right corner. On the right side, there is a vertical sidebar with participant thumbnails and names: Lisa Meline, jsebastian, Mike Franzen Tri-County, and Jim.

# UPCOMING MEETING

[Click this link to join meeting !](#)

## Materials Concerns in HVAC Equipment

### Presentation Summary:

This session is an introduction to the areas in which HVAC equipment manufacturers and design engineers have influence on increasing the use of healthy materials in equipment. Topics areas include an introduction to the principles around the use of healthier materials, the key product or components where materials of concern are found in HVAC equipment, and the steps the industry can take to begin to convert the supply chain. This session expands on the speaker's October 2020 ASHRAE Journal article on these topics.

[Find Out More!](#)

**ABOUT THE SPEAKER:** . Erin McConahey is a Principal in Mechanical Engineering with Arup, an employee-owned global engineering, advisory and planning consulting firm. During her 26 years with Arup, she has worked internationally and now leads multidisciplinary design teams in Los Angeles on a wide variety of project types.

Erin's passion for finding integrated design solutions through a collaborative design process began with a Bachelor's degree in Mechanical Engineering and a Master's degree in Structural Engineering from the University of California at Berkeley. As she rose in leadership within her firm, she served on Arup's global Trustee Board, was named an Arup Fellow for her technical excellence, spearheaded the Americas Region Diversity and Inclusion Initiative, and served on the leadership teams for a number of training programs. These service opportunities, coupled with growing concern over climate change, led her to a second Master's degree in Ethical Leadership from Claremont Lincoln University.



[Learn More!](#)

# 2021-2022 PARTIAL ROSTER



## Officers

<b>President</b>	<b>Manny Perez</b> CDI Curbs — 562-301-4589
<b>President-Elect</b>	<b>Walter Escamilla</b> Custom Cooling Company — 323.407.1482
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## Committee Chairs

<b>Historian</b>	<b>Jim Toda</b> Custom Cooling Company — 909-599-9222
<b>Student Activities</b>	<b>Jim Toda</b> Custom Cooling Company — 909-599-9222
<b>Research Promotion</b>	<b>Erick Delgado</b> Dynamic Engineered Systems, Inc — 951-278-0282
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<b>Membership Promotion</b>	<b>Erick Delgado</b>
<b>Young Engineers in ASHRAE (YEA)</b>	<b>Jim Toda</b> Custom Cooling Company — 909-599-9222
<b>Chapter Technology Transfer</b>	<b>Manny Perez</b> CDI Curbs — 562-301-4589



**CELEBRATING**  
**32 YEARS**  
**1989-2021**  
**TRI-COUNTY ASHRAE!**

<b>P</b>	1988-1989	<b>SUKHDEV MATHAUDHU</b>	2014-2015	<b>RYAN RODRIGUEZ</b>
<b>A</b>	1989-1990	<b>SUKHDEV MATHAUDHU</b>	2015-2016	<b>SHAW GENTRY</b>
<b>S</b>	1990-1991	<b>JEFF LEONARD</b>	2016-2017	<b>CHRIS ROBLES</b>
<b>I</b>	1991-1992	<b>DEL THOMAS</b>	2017-2018	<b>IAN VILLAZANA</b>
<b>D</b>	1992-1993	<b>TONY PIERCE</b>	2018-2019	<b>KAKERU FUJIKAWA</b>
<b>E</b>	1993-1994	<b>GREG MORIN</b>	2019-2020	<b>FELIX MONTERROSO</b>
<b>S</b>	1994-1995	<b>TONY HENKEL</b>	2020-2021	<b>MICHAEL FRANZEN</b>
<b>I</b>	1995-1996	<b>JOHN HAVILAND</b>		
<b>D</b>	1996-1997	<b>JOEL CARTER</b>		
<b>E</b>	1997-1998	<b>CHANDRA CHINDE</b>		
<b>S</b>	1998-1999	<b>JIM TODA</b>		
<b>I</b>	1999-2000	<b>RICHARD MCLEOD</b>		
<b>D</b>	2000-2001	<b>KERRY PARKER</b>		
<b>E</b>	2001-2002	<b>DEBRA CHAVIRA-SMITH</b>		
<b>S</b>	2002-2003	<b>LUCASHYMAN</b>		
<b>I</b>	2003-2004	<b>JOE SANDERS</b>		
<b>D</b>	2004-2005	<b>BOB GASTEL</b>		
<b>E</b>	2005-2006	<b>ART ANDRES</b>		
<b>S</b>	2006-2007	<b>JIM PARKER</b>		
<b>I</b>	2007-2008	<b>KYLE LANDIS</b>		
<b>D</b>	2008-2009	<b>RICK CREED</b>		
<b>E</b>	2009-2010	<b>ROBERT MORSE</b>		
<b>S</b>	2010-2011	<b>TIM HALD</b>		
<b>I</b>	2011-2012	<b>JAI MELOPEZ</b>		
<b>D</b>	2012-2013	<b>ERICK DELGADO</b>		
<b>E</b>	2013-2014	<b>NICOLAS ROSNER</b>		

— 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.