



# San Jose Chapter



Dear ASHRAE Members,

It's hard to think that June is already here, it feels like yesterday when I was given this great opportunity to lead this amazing Chapter. I want to start off by thanking all of our wonderful members for their continuing support of the San Jose Chapter of ASHRAE. Also I am extremely grateful for this opportunity to serve as the Chapter President, thank you.

Thank you to everyone that attended the May Refrigeration Tour. With a special thank you to Lorenzo Rios Jr., who gave a great presentation on the Historic City National Civic Auditorium in Downtown San Jose.

The Second Annual San Jose ASHRAE Golf Tournament on June 7<sup>th</sup> is completely sold out, thank you to everyone who registered. I can't wait to see you all there; it is going to be a wonderful event. Please remember to sign up early next year before it sells out again.

Past President's and New Officer Installation Night is on June 12<sup>th</sup> at Fogo De Chao Churrascaria in Santa Row. Spots are filling up quickly, please be sure to register now to secure your spot.

Last but certainly not least, I'd like to thank the Board of Governors and all committee members, without all of you this year would not have been possible. You guys really did a fantastic job and it was an honor to serve alongside you. I will be handing over this great honor to Mr. Richard Lam, who I know with the support of the BOG, committee chairs, and members will do a phenomenal job.

See you all June 7th,

Bill Schoening

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*Thank You*



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***PAST PRESIDENT'S NIGHT AND  
NEW OFFICE INSTALLATION DINNER***

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On behalf of the San Jose ASHRAE Chapter, we welcome all to join us at the delicious Fogo De Chao, Brazilian Steakhouse in Santana Row for an evening with friends, fun, and networking. We will be honoring our Past Presidents and installation our new officers.

**Date:** June 10<sup>th</sup>, 2019  
**Location:** Fogo De Chao Churrascaria  
377 Santana Row, San Jose, CA 95128

**Time:**  
Check-in and Social: 5:30PM  
Presentation and Dinner: 6:30PM – 8:30PM  
Meeting Adjourned: 8:45PM

**Cost:**  
Early bird Registration fee: \$ 90/- (by Midnight June 3<sup>rd</sup>)  
Late Reg/Walk-ins/Non-Members: \$ 95/-  
Past President: Free

**RSVP:** <https://sjashrae.org>

# San Jose ASHRAE Gives Back!



San Jose ASHRAE donates prizes at the local ACE Mentor Program final presentation to deserving students! ACE, Architecture Construction Engineering, helps mentor high school students and inspires them to pursue careers in design and construction.

Students were tasked with completing one of 3 design challenges: Design a Playground, Alleviate Urban Transportation Congestion, or Design a community Health Clinic. Students needed to design all aspects of their project as well as come up with a design schedule and budget! Prizes were given to the top 3 teams & most sustainable design from the San Jose ACE Mentor Program Area. Congratulations to students for completing the 5 month long program! Bright future for these future engineers, construction managers, and designers.







Vanessa Lasseon

Membership  
Promotion Co  
Chairs



Gabriel Perez

San Jose would like to welcome the following members:

**Student**

Hung Le  
Ian Geiger  
Rachael Hnatek

**Associate**

Chin Chang  
Natasa Vulovic  
Nicholas Anda

“We look forward to seeing you at the next meeting!”

Please consider membership advancement! Why should a member advance from Associate to Full Member status?

- Local Chapter Recognition
- Service Society, Chapter, or Regional Committees
- Qualify for ASHRAE Fellow & other Society awards

To become a Full Member, complete the three steps below.

Have all (3) qualifications below?  
Apply for advancement!

Engineering Degree (4+ years)  
PE License  
Work Experience (3+ years)

**1 - Check if you qualify.**

See the next page on  
Attaining Full  
Membership

**2 - Update your online  
ASHRAE Profile.**

Go to [www.ASHRAE.org](http://www.ASHRAE.org).  
Select “My ASHRAE”  
Select “Review/Update  
Profile”

**3 - Notify / email ASHRAE.**

Email [membership@ashrae.org](mailto:membership@ashrae.org)  
Let them know you have an  
updated bio and wish to be  
considered for a grade  
advancement.

## ATTAINING FULL MEMBERSHIP

*Twelve years may not be as long as you think!*

How many years have you been working in this industry? \_\_\_\_\_(A)

How many years did you attend a technical school, college, or university? \_\_\_\_\_(B)

Is (B) at least 2 years? Then enter that number here: \_\_\_\_\_(C)

Did you graduate from an accredited college or university? If yes, multiply (C) by 0.5 and enter here: \_\_\_\_\_(D)

Have you attained professional registration? If yes, enter 3 here: \_\_\_\_\_(E)

Now....add (A) + (C) + (D) + (E) = \_\_\_\_\_(F)

Is (F) at least 12? Then you qualify for full membership!

Update your member bio online today [www.ashrae.org](http://www.ashrae.org)



Rob Potter

Research  
Promotion  
Chair



## Thank you to our Donors!

Mr Joseph R Olivier, Mr Richard P Porter, Mr William Jay Schoening, Mr Gary P Shamshoian, Cinthya Cecilia Carrillo Mendez, PE, Mr Richard Lam, Mr Rob Potter, Miss Elise Kiland, Mr Joseph A Chin PE, Mr Efrain R Garcia, Mr Efrain R Garcia, Mr Thomas L Liston, PE, Mr Saul V Villanueva, PE, Mr Donald S Druyanoff, Air Treatment Corporation, Mr Elias Amireh, Mr Roy F Goodman, Mr Stephen J Murphy, & San Jose ASHRAE

## What is Research Promotion?

The RP Campaign is an annual fundraising campaign benefiting the funding of numerous ASHRAE Programs. These programs include:

ASHRAE Research ASHRAE Scholarships for undergraduate students ASHRAE Learning Institute (ALI) development of new courses & materials Graduate Research Projects (Grants-in-Aid) Young Engineers in ASHRAE (YEA) Leadership Training Permanently endowed support to all of the above programs

The RP Campaign is overseen by the RP Committee, a standing ASHRAE Committee. The Committee is made up of 14 Regional Vice Chairs (RVC), 1 Consultant (past RVC) , 3 Vice Chairs (past Consultant), and Chair (past Vice Chair). Staff support includes a 3-member team based at ASHRAE Headquarters.

The RP Campaign raises over \$2.2 million a year from over 6,000 donors. These donors are made up of ASHRAE Members, industry associations, and industry organizations.



David Hodson

Chapter Technology  
Transfer Committee  
(CTTC) Chair

## What is CTTC?

**The Chapter Technology Transfer Committee (CTTC)** provides efficient and effective transfer of current and relevant information throughout the HVAC&R industry to and from the Chapters. CTTC develops and maintains high quality and readily available tools to enable Chapters to offer information and attractive industry-related information and programs to all segments within the HVAC&R industry

## Upcoming Events



Advance your career and open new doors by earning an ASHRAE Certification

<https://www.ashrae.org/professional-development/ashrae-certification>





Vanessa Lasseson

Government Affairs  
Committee (GAC)  
Chair

## What is GAC?

The **Government Affairs Committee (GAC)** is responsible for organizing ASHRAE members to educate local, state, provincial, and national government bodies and officials in areas of interest to ASHRAE members, and to promote effective cooperation between ASHRAE members and government.

### ASHRAE Government Affairs

Stay informed on the latest news. Subscribe to ASHRAE's Government Affairs Update!

This bi-weekly publication features information on government affairs-related activities of interest to ASHRAE members and others interested in the built environment.

Subscribe through the link below:

<https://www.ashrae.org/government-affairs/government-affairs-updates>

## Announcements



### Public Comment Opportunities:

- ASHRAE Launches New Refrigeration Webpage
- ASHRAE and New Buildings Institute (NBI) Sign MOU



### GAC Announcements:

- AIA 2030 Commitment
- ASHRAE Publishes New Guideline on Energy Efficiency for Historic Buildings



## ASHRAE ANNOUNCEMENT

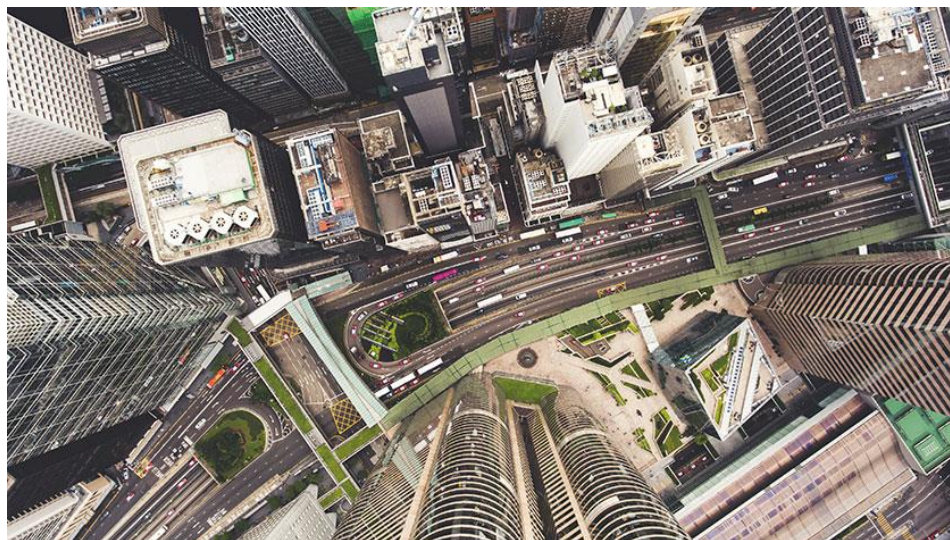
### ASHRAE Launches New Refrigeration Webpage

- To encourage the advancement of refrigeration technology and its application.
- The new Refrigeration webpage, referred to as the “R” in ASHRAE, highlights the Society’s commitment to supporting the role of refrigeration worldwide.
- The webpage features resources information and publications concerning **refrigeration and refrigerants** such as standards, design guides, ASHRAE courses and more.
- ASHRAE Refrigeration, [Putting the “R” in ASHRAE](#) page: [www.ashrae.org/refrigeration](http://www.ashrae.org/refrigeration)
- May 16, 2019 [Press Release](#)

### ASHRAE and New Buildings Institute (NBI) Sign MOU

- ASHRAE and New Buildings Institute (NBI) have signed a new Memorandum of Understanding (MoU) formalizing the organizations’ relationship.
- This agreement is focused on three main areas of collaboration that will be further detailed in a future partnership agreement:
  - Zero Energy/Emissions Building Leadership and Market Development
  - Education and Design Guidance
  - Advancing Codes and Policies
- May 15, 2019 [Press Release](#)

## GAC ANNOUNCEMENTS



### AIA 2030 Commitment

Developers and owners can now join AIA's 2030 Commitment.

The mission of the AIA 2030 Commitment is to support the 2030 Challenge and transform the practice of architecture in a way that is holistic, firm-wide, project based, and data-driven. By prioritizing energy performance, participating firms can more easily work toward carbon neutral buildings, developments and major renovations by 2030.

<https://www.aia.org/resources/202041-the-2030-commitment>

### ASHRAE Publishes New Guideline on Energy Efficiency for Historic Buildings

ATLANTA (April 18, 2019) – ASHRAE published a new guideline for increasing energy efficiency in historic buildings while minimizing the disturbance of the building's historic character and significantly historic characteristics and materials.

[ASHRAE Guideline 34-2019, Energy Guideline for Historic Buildings](#), provides comprehensive and detailed descriptions of the processes and procedures for the retrofitting of historic buildings to achieve greater measured efficiency. The guideline is particularly aimed at providing guidance for 'listed' historic buildings; i.e., those formally designated or eligible to be designated as historically significant by a governing body.

Guideline 34 provides a step-by-step procedure for sensitive energy upgrading, beginning with forming the project team and gathering building and energy use histories, to instituting energy efficiency measures (EEM). Building envelope improvements, environmental control strategies, energy system analysis, HVAC selection and lighting design considerations are all addressed in the guideline. All recommendations are made in consideration of preserving the integrity of the historically valuable building character, materials and associated artifacts.

With nearly two-thirds of existing buildings estimated to still be in service by 2050, project teams retrofitting any historic building for energy efficiency can benefit from the content of the guideline.

### AIA's 2030 Commitment: 2019 Update

- Developers and owners can now join AIA's 2030 Commitment (16APR19) which offers tools and resources for working toward net-zero design.
- Engineers (*HVAC&R Industry*) were added in June 2018.
- ASHRAE's Partnership with AIA (AIA's A'18 w/ Bjarne Olesen)
- Advanced Energy Design Guide (AEDG) - Achieving Zero Energy Series
  - Amazing Resource by ASHRAE – AIA - IESNA – USBGC – U.S. DOE
- Get your 2030 Game On ... It is like playing MARS 2030, a virtual reality simulation BUT in real time on our real planet.



Cinthya Carrillo

Student  
Activities Co  
Chairs



Sargon Ishaya

## Announcements



Interested in Outreach? ASHRAE can provide tools to help!

- ASHRAE and HVAC & R related presentations. Ideal for colleges, universities, & high schools
- Hands-on STEM activities. Ideal for K-8 classes.







## PACIFIC COAST TRANE TRAINING SCHEDULE At-a-Glance January through June 2019

Your One-Stop Training Center for Trane Equipment, CITY MULTI® VRF,  
Trane A/C Clinic, HVAC Fundamentals, Controls and EPA Section 608 Certification

- **Schematics and Wiring Diagrams - Part 1** (Owners-Operators and Service Contractors) **01/24/19** (Day)
- **Section 608 Clean Air Act Pizza Night** (Owners-Operators and Service Contractors) **01/25/19** (Evening)
- **Automation and Controls** (Owners-Operators and Service Contractors) **01/26/19** (Saturday)
- **Trane CenTraVac Chiller Boot Camp** (Owners-Operators) **02/13/19 — 02/14/19** (Day)
- **Schematics and Wiring Diagrams - Part 2** (Owners-Operators and Service Contractors) **02/22/19** (Day)
- **Section 608 Clean Air Act Breakfast** (Owners-Operators and Service Contractors) **02/23/19** (Saturday)
- **Pneumatics Controls and Maintenance** (Owners-Operators and Service Contractors) **03/01/19** (Day)
- **Trane Voyager/Precedent Overview** (Owners-Operators and Service Contractors) **03/02/19** (Saturday)
- **Trane/Mitsubishi CITY MULTI® VRF in Benicia** (Installing Contractors) **03/12/19 — 03/14/19** (Day)
- **Boiler Operation** (Owners-Operators and Service Contractors) **04/19/19** (Day)
- **Accelerated A/C Clinic** (Owners-Operators and Service Contractors) **04/20/19** (Saturday)
- **Trane IntelliPak Unit Boot Camp** (Owners-Operators) **04/24/19 — 04/25/19** (Day)
- **Trane IntelliPak Unit Workshop** (Service Contractors) **04/26/19** (Day)
- **Trane/Mitsubishi CITY MULTI® VRF in Benicia** (Installing Contractors) **05/07/19 — 05/09/19** (Day)
- **Trane Air-Cooled Rotary Chiller Boot Camp** (Owners-Operators) **05/15/17 — 05/16/19** (Day)
- **Trane Air-Cooled Rotary Chiller** (Service Contractors) **05/17/19** (Day)
- **HVAC Systems and Service** (Owners-Operators and Service Contractors) **05/24/19** (Day)
- **Heat Pump Operation** (Owners-Operators and Service Contractors) **05/25/19** (Saturday)
- **Cooling Towers Ops and Maintenance** (Owners-Operators and Service Contractors) **06/28/19** (Day)
- **Indoor Air Quality** (Owners-Operators and Service Contractors) **06/29/19** (Saturday)
- **Section 608 Clean Air Act Breakfast** (Owners-Operators and Service Contractors) **06/30/19** (Sunday)

For registration info contact Fawn Davis, Training Director at 408-481-3655  
Register online at [www.PacificCoastTrane.com/training](http://www.PacificCoastTrane.com/training)

Pacific Coast Trane Training Center • 310 Soquel Way • Sunnyvale, CA 94085





## Looking for an Internship or Full-Time Position?

- Post your resumes on <https://jobs.ashrae.org/>
- Look for the latest job listings!
- Available for Students and Professionals!

## Looking to hire?

- Post your job openings on <https://jobs.ashrae.org/>
- Find qualified individuals looking to hire!



**THANKS TO EVERYONE  
THAT CAME OUT TO THE  
EDUCATIONAL SESSION  
& MIXER!**



**THANKS TO BRYAN DOOLEY FOR  
PRESENTING AWESOME CONTENT AND  
ASHRAE FOR PROVIDING FOOD AND DRINKS!**







ANNUAL

# GOLF TOURNAMENT

JUNE 7, 2019

1:00 PM SHOTGUN START  
SPRING VALLEY  
GOLF COURSE

**SOLD OUT!**

Thank you to all our  
sponsors and foursomes.  
We'll see you on the green!



SAN JOSE ASHRAE YEA PRESENTS

# BEACH DAY

July 27

11am

Seacliff Beach

Aptos

WE WILL BE BARBECUING,  
HANGING OUT, PLAYING  
GAMES AND ENJOYING  
SUMMER!

\$20- includes food & drinks  
register online



San Jose ASHRAE Chapter Date Updated: 4/3/2019	<b>Budget 18-19</b> Total Expenses    Total Income	<b>Actual 18-19</b> Total Expenses    Total Income
Cash Flow	\$ 88,728    \$ 89,640 \$                    912	\$ 72,702    \$ 98,176 \$                    25,474
	Expenses    Income	Expenses    Income
<b>Monthly Meetings</b>	<b>\$ 32,600    \$ 32,600</b>	<b>\$ 22,132    \$ 22,649</b>
September Social	\$ 9,500    \$ 9,500	\$ 11,676    \$ 9,566
October - MP Night	\$ 1,500    \$ 1,500	\$ 1,230    \$ 1,825
November Technical - Student Night	\$ 3,000    \$ 3,000	\$ 3,485    \$ 3,542
December - Joint Meeting	\$ 5,600    \$ 5,600	\$ -    \$ -
January - RP Night	\$ 1,500    \$ 1,500	\$ 1,845    \$ 2,704
February - MP Night	\$ 1,500    \$ 1,500	\$ 1,435    \$ 2,029
March Technical	\$ 1,500    \$ 1,500	\$ 2,460    \$ 2,684
April Technical	\$ 1,500    \$ 1,500	\$ -    \$ 300
May Refrigeration Tour	\$ 2,500    \$ 2,500	\$ -    \$ -
Past President's Night	\$ 4,500    \$ 4,500	\$ -    \$ -
<b>Technology</b>	<b>\$ 1,978    \$ -</b>	<b>\$ 1,483    \$ 150</b>
Website Monthly Fee	\$ 1,978    \$ -	\$ 1,483    \$ -
Job Postings	\$ -    \$ -	\$ -    \$ 150
<b>Society</b>	<b>\$ 3,000    \$ 8,040</b>	<b>\$ 2,949    \$ 12,537</b>
Annual Dues	\$ -    \$ 8,040	\$ -    \$ 11,720
Region X Dues	\$ 3,000    \$ -	\$ 2,780    \$ -
Chapter Opportunity Fund	\$ -    \$ -	\$ 169    \$ 817
<b>Training</b>	<b>\$ 1,200    \$ -</b>	<b>\$ 1,346    \$ -</b>
YEA Leadership Weekend	\$ 1,000    \$ -	\$ 1,346    \$ -
YLW 2.0	\$ -    \$ -	\$ -    \$ -
RP Centralized Training	\$ -    \$ -	\$ -    \$ -
Student Activities Training	\$ -    \$ -	\$ -    \$ -
MP Centralized Training	\$ -    \$ -	\$ -    \$ -
President Elect Training	\$ 200    \$ -	\$ -    \$ -
Leadership Academy	\$ -    \$ -	\$ -    \$ -
<b>Conferences</b>	<b>\$ 8,100    \$ -</b>	<b>\$ 5,666    \$ -</b>
Winter Conference	\$ 4,000    \$ -	\$ 1,782    \$ -
Annual Conference	\$ -    \$ -	\$ -    \$ -
CRC	\$ 4,100    \$ -	\$ 3,884    \$ -
<b>Scholarship and Endowments</b>	<b>\$ 5,000    \$ -</b>	<b>\$ -    \$ 567</b>
College Scholarships	\$ 2,500    \$ -	\$ -    \$ -
RP Donation	\$ 2,500    \$ -	\$ -    \$ 567
<b>Comitee Budgets</b>	<b>\$ 1,900    \$ -</b>	<b>\$ 5,266    \$ 5,938</b>
Membership Promotion	\$ 250    \$ -	\$ -    \$ 259
Research Promotion	\$ 200    \$ -	\$ -    \$ -
Student Activities	\$ 500    \$ -	\$ 760    \$ 307
YEA	\$ -    \$ -	\$ 4,506    \$ 5,372
CTTC	\$ 250    \$ -	\$ -    \$ -
GGAC	\$ 100    \$ -	\$ -    \$ -
Historian	\$ 100    \$ -	\$ -    \$ -
Board of Governors	\$ 500    \$ -	\$ -    \$ -
<b>Events</b>	<b>\$ 34,750    \$ 49,000</b>	<b>\$ 33,850    \$ 56,334</b>
Golf Tournament	\$ 17,000    \$ 20,000	\$ 14,219    \$ 19,250
Bocce Ball	\$ 17,750    \$ 29,000	\$ 19,631    \$ 37,084
<b>Misc</b>	<b>\$ 200    \$ -</b>	<b>\$ 10    \$ -</b>
CA State Tax	\$ 10    \$ -	\$ 10    \$ -
Stamps	\$ -    \$ -	\$ -    \$ -
Stationary	\$ -    \$ -	\$ -    \$ -
Overdraft	\$ -    \$ -	\$ -    \$ -
Name Tags	\$ -    \$ -	\$ -    \$ -
Square Reader	\$ -    \$ -	\$ -    \$ -
Misc	\$ 100    \$ -	\$ -    \$ -

