



## San Jose Chapter

### San Jose ASHRAE Members and Friends,

As the air becomes crisp and the holiday season approaches, I find myself reflecting with gratitude on the San Jose Chapter's resilience through the pandemic season. Our existing membership has really stepped up by recruiting new leaders to help fill in the gaps. I'd like to welcome Nate Preece as our new Communications Committee chair and Khush Kapadia as our chapter Historian. We're very excited for them to join our leadership team and looking forward to the positive changes they bring our chapter.

Vanessa O'Connor has been hard at work planning our December meeting with the Golden Gate Chapter and Redwood Empire section. On December 6th, we'll be meeting at MacIntyre in Hayward, and hosting our society president, Mick Schwedler. We'll have BBQ smoked on site to mingle with colleagues around the bay. Sponsorships are available to anyone interested in supporting our first joint meeting in two years! Please reach out to Vanessa for details or register through Golden Gate's website – ggashrae.org.

I'm excited to announce that the Winter Conference and AHR Expo are being held in a hybrid format in Las Vegas, NV in late January. I am presenting the ASHRAE crash course and would love to see you all there! Our chapter treasurer, Austin Hochstetler, has been selected as Region X's LeaDRS candidate! Austin will shadow our DRC, Devin Abellon, throughout the conference. It's a wonderful opportunity for Austin to see how Society functions beyond the chapter level. Congratulations Austin!

If you have ideas or requests for future meetings or events, whether in person or virtually, please let us know what you'd like to see! This will be an unprecedented year and we are always looking for feedback as to how we can best serve our members.

On that note, if you would like to be involved with San Jose ASHRAE, please reach out to chapter leadership or find us at the joint meeting! All of our contact information can be found on the website; we'd love to welcome you to our chapter leadership. We are in desperate need for a Research Promotion Chair and a Chapter Technology Transfer Committee Chair, so if raising money or exploring new technologies tickle your fancy, please reach out!

Elise Kiland  
2021-22 San Jose Chapter President

### INSIDE THIS ISSUE:

#### UPCOMING EVENTS

December Meeting.....2-4

#### ASHRAE COMMITTEES

Membership Promotion....5-6

Research Promotion .....7

CTTC .....8-13

GAC .....14

Student Activities .....15

#### OTHER ITEMS

Jobs.ASHRAE.org

(New Posting!) .....16

# Thank You

GOLDEN GATE - REDWOOD - SAN JOSE



# December Meeting

WITH  
ASHRAE PRESIDENT  
MICK SCHWEDLER

TOPIC  
PRESIDENTIAL THEME

DATE:	MONDAY DECEMBER 6TH
TIME:	6:00 PM SOCIAL / DINNER 6:30 PM PRESENTATION 8:30 PM ADJOURN
LOCATION:	MACINTYE FACTORY 27403 INDUSTRIAL BLVD, HAYWARD, CA 94545
COST:	FOR BBQ DINNER & DRINKS
EARLY-BIRD	\$65 - BEFORE 11/23
LATE	\$75 - AFTER 11/23

REGISTER ON THE  
[GOLDEN GATE CHAPTER WEBSITE](#)

GOLDEN GATE - REDWOOD - SAN JOSE



# Sponsorship

\$1000

EVENT SPONSOR

TABLE ADVERTISEMENT  
BANNER

\$2500

PLATINUM SPONSOR

TABLE ADVERTISEMENT  
BANNER FRONT AND CENTER

INTERESTED IN SPONSORING?  
EMAIL

GOLDEN GATE CHAPTER - BRIAN CHACON  
BCHACON@ASCENTHVAC.COM

SAN JOSE CHAPTER - VANESSA O'CONNOR  
VOCONNOR@WESTERNALLIED.COM

GUEST SPEAKER



**ASHRAE PRESIDENT  
MICK SCHWEDLER**

**PRESIDENTIAL THEME**

**PERSONAL GROWTH.  
GLOBAL IMPACT. FEED  
THE ROOTS.**

Schwedler's theme focuses the impact of connections to foster personal and professional growth and how ASHRAE's historical and present-day structure continues to lead to the development of future industry professionals that impact the world.

"How did you get here today and become part of this expansive root system? Who helped you grow, encouraged you - that is, who 'fed your roots?' Collectively, our personal growth and united efforts have produced global impacts ... to serve humanity...the first three words of ASHRAE's mission."

He also stresses the importance and responsibility each of us has as he asks, "Whose roots will you feed in the next three months?"

## MEMBERSHIP PROMOTION



Benito Ferreyra  
(Committee Chair)

"We look forward to seeing you at the next meeting!"

San Jose would like to welcome the following members:

- ❖ Mr Lorenzo Reyes, Jr
- ❖ Justin Kwong Luu
- ❖ Mr Jeff Kasle
- ❖ Mr Thomas Morey
- ❖ Sarah Margaret Rock
- ❖ Mr Clayton P Schultz
- ❖ Mr Alexander Popov
- ❖ Mr Daniel A Peiffer
- ❖ Joe Rittenhouse
- ❖ Christopher T Mabie

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.

### 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.

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

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

## 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)



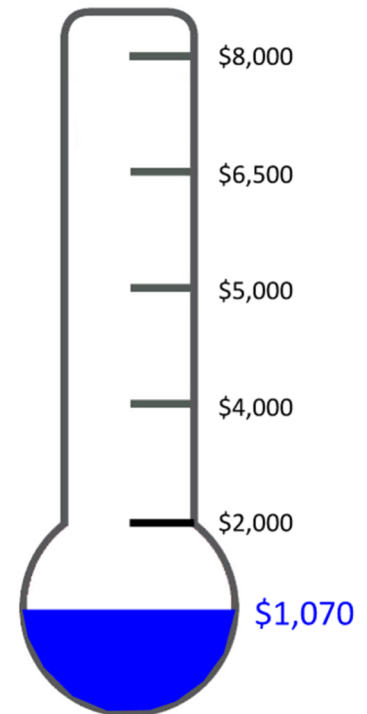
## RESEARCH PROMOTION



HELP WANTED!  
(Committee Chair)

*Help Wanted! If you are interested in volunteering for this open SJ ASHRAE position, contact Elise Kiland at [ekiland@cmihvac.com](mailto:ekiland@cmihvac.com)*

2021-22 RP Goal  
\$9,000



### 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.

## CTTC



HELP WANTED!  
(Committee 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

*Help Wanted! If you are interested in volunteering for this open SJ ASHRAE position, contact Elise Kiland at [ekiland@cmihvac.com](mailto:ekiland@cmihvac.com)*

### Upcoming Events – See Following Pages!



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

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

eLearning Courses

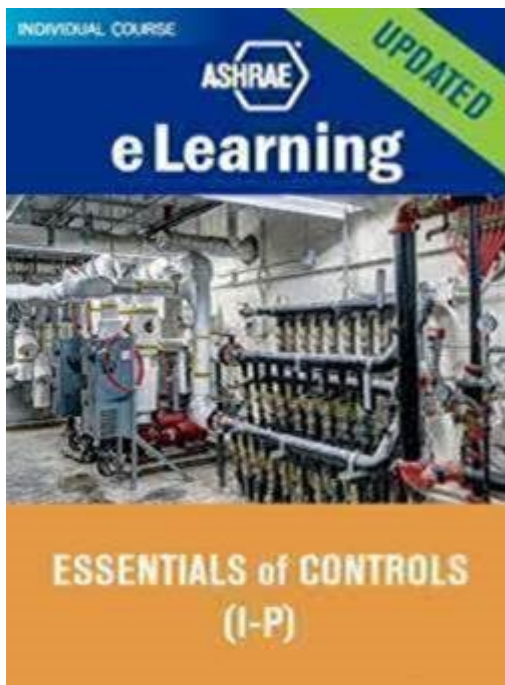
[See All](#)

**Updated & Expanded Course! Essentials of Controls**

**Earn PDHs. Elevate Your Career!**

Member Price \$45 | Non-Member Price \$60 | [Get a Group Rate](#)

**Enjoy a 20% discount** with code **NOVEMBER21** on all [eLearning courses](#).  
**Offer ends November 23, 2021.**



The [Essentials of Controls course](#), previously titled HVACR Controls, has been updated and expanded to help newcomers to the HVACR industry master an understanding of HVACR fundamentals. The course can also serve as an excellent refresher even if you have worked in the HVACR field for some time.

This course introduces controls and their basic types. It explains why they can be complex, but why they are essential to most HVACR systems. It lays the groundwork for more advanced specification, implementation and troubleshooting skills.

ASHRAE Learning Institute (ALI) Courses

[See All](#)

## HVAC Design Training: Tools for High-Performance Building Design



LEARN AT YOUR COMPUTER | AFFORDABLE | NO TRAVEL COST | LIVE INSTRUCTOR

### [HVAC Design Training: Tools for High Performance Building Design](#)

ASHRAE Learning Institute is now offering in-person and virtual HVAC Design Level I & II training. [Check out the schedule](#) through June 2022. All trainings are shown in Eastern Time.

#### **Level I - Essentials**

29 Nov - 3 Dec | 8:00 a.m. -  
12:00 p.m. (*Virtual*)

#### **Level II - Applications**

15-17 Dec | 8:00 a.m. – 12:30 p.m.  
(*Virtual*)

## Upcoming Online Instructor-Led Training

Online instructor-led courses presented in real-time from ASHRAE Learning Institute  
CEU/PDH Credits Available





LEARN AT YOUR COMPUTER | AFFORDABLE | NO TRAVEL COST | LIVE INSTRUCTOR

**Earn Continuing Education Credits**  
Courses are archived for a period of time after the initial presentation

17-18 Nov | 10:00 a.m. - 1:00 p.m. ET

**New! Designing & Operating Data Centers for the Internet of Everything:  
Mitigating Risk & Optimizing Performance**

This ASHRAE course examines data center best practices by focusing on ASHRAE's evolving thermal guidelines for data processing environments, telecommunications, and actual high-density data centers in operation today. While there are opportunities to save energy in data centers, understanding of equipment trends, performance measurements, and effectiveness are critical to the principal objective: Data integrity. [Learn More>](#)

7-8 Dec | 1:00 p.m. - 4:00 p.m. ET

**Healthcare Facilities: Best Practices for HVAC Design and Operation**

Based on the ASHRAE book HVAC Design Manual for Hospitals and Clinics, this course introduces many unique and up-to-date healthcare design considerations and applications. The course covers common medical



terminology, and terminology differences between the medical and engineering fields. [Learn More>](#)

---

14-15 Dec | 12:00 p.m. - 3:00 p.m. ET

**[Commissioning Process in New & Existing Buildings](#)**

This introductory seminar focuses on how the building commissioning process can be applied cost-effectively to new construction and to existing facilities, with a strong emphasis on existing facilities applications. [Learn More>](#)

---

**[View All Online  
Courses](#)**



## ASHRAE Certification

[See All](#)

### Helping Employers Identify Skilled New-Hire Talent

What's the cost of a bad hiring decision? According to the U.S. Department of Labor, the cost is at least 30 percent of the employee's first-year earnings.

One reason new hires don't work out is the lack of appropriate skill level. It's a challenge for employers to know if a prospect has the competency to "do the job."

That's why ASHRAE Certification is such a great tool for employers. ASHRAE Certification exams (see [pass rates](#)) in the built-environment - based on regularly updated job task analyses - validate job competency.

[Learn More](#)

Discover more at [ashrae.org/professional-development](https://ashrae.org/professional-development)

## GOVERNMENT AFFAIRS



Vanessa Lasseon  
(Committee 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:

- No new opportunities this week!

## STUDENT ACTIVITIES



Chalini Ekanayake  
(Committee Chair)



**Stanford**  
University



### 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.

## NEW JOB POSTING

### Project Design Engineer - Force Support Services

We are:

- Force Support Services, an innovative engineering company that is growing rapidly.

We produce:

- Solutions for the support and seismic bracing of non-structural components. Our value engineered seismic bracing reduces installation inefficiencies while satisfying the latest code requirements.

We value:

- Engineers with out-going personalities, who enjoy working in a fast-paced yet flexible work environment with huge potential for personal growth

Our Engineering Services:

- Support/bracing material supply and design for both new and retrofit projects.

At Force Support Services you will:

- Do Seismic and wind force calculations (non-buildings)
- Design piping and duct support systems per code requirements and industry standards
- Be able to provide technical support for innovative mechanical products
- Complete equipment vibration isolation designs
- Design steel frames and manage fabrication logistics
- Complete concrete anchor attachment design
- Be a project management whiz

You will be effective if you:

- Have a B.S. in Mechanical, Industrial, or Civil Engineering

Employer's Email Address: [tim@forcesupportservices.com](mailto:tim@forcesupportservices.com)





## 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!

