

THE QUARTERLY

FALL 2018



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THE QUARTERLY

A publication of the Wall And Ceiling Alliance

Fall 2018
Volume 5, Issue 4

Wall And Ceiling Alliance

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The Wall And Ceiling Alliance (WACA) is a wall and ceiling trade association that promotes and advocates for the welfare of its members and industry. We support our community by providing vital resources through educational forums, technical assistance, government advocacy, labor relations, industry promotion and unified representation.

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Photo by Blake Marvin

California Drywall Co.

2018 CEA Winner for Green Building
University of California, Berkeley Chou Hall

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Ending the Year with a Positive Attitude

Fall gives us a moment to reflect on the hectic summer season. Summer 2018 consisted of workforce challenges, union negotiations, material price increases, backlogs and job schedule challenges we have not faced for quite some time. But as I've told many of our members, it's a good position to be in. It beats having to worry about when the next job comes.

This season brings one of our most enjoyable events, the annual Holiday Party taking place on December 8 at the Fairmont in San Francisco. If you haven't experienced the soirée, this is an excellent event to network with your staff — away from the office and work site. It's a nice end-of-year party to celebrate our accomplishments.

On August 15, we enjoyed a gathering at The Van's restaurant. Over 60 of our members came together for a mostly social meeting reminiscent of some members meetings from the past. One highlight of the evening was thanking technical adviser Jim Johnson for all of his years dedicated to our industry. We hope that these small members meetings can serve as informal gatherings to connect directly with membership on key industry issues. September's golf tournament sold out three months before the event, with a waiting list of over 70 people. If you made it to the golf tournament, you're one of the lucky ones.

I'm pleased to report that some of WACA's initiatives have been prominently featured in many industry set-

tings recognizing the association's efforts in promoting our trade. We have standing with our labor partners — the Association of the Wall and Ceiling Industry (AWCI), the Ceilings & Interior Systems Construction Association (CISCA) and the International Code Council (ICC) — and have made leadership efforts with the development and participation of the Signatory Wall and Ceiling Contractors Association (SWACCA). SWACCA is a new national wall and ceiling association that we have been supporting. Our board director Gregg Brady, with Brady Company/Central California, Inc., is the secretary for SWACCA's board. SWACCA's values are committed to protecting and growing our industry on a national level. Contractors that are WACA members are all member-participants of SWACCA. To read more on the new group, see the article on page 20.

If you would like to learn more about what projects WACA is working on, let's talk at the Holiday Party or next members meeting.

Thanks, and enjoy the rest of 2018!



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Board President



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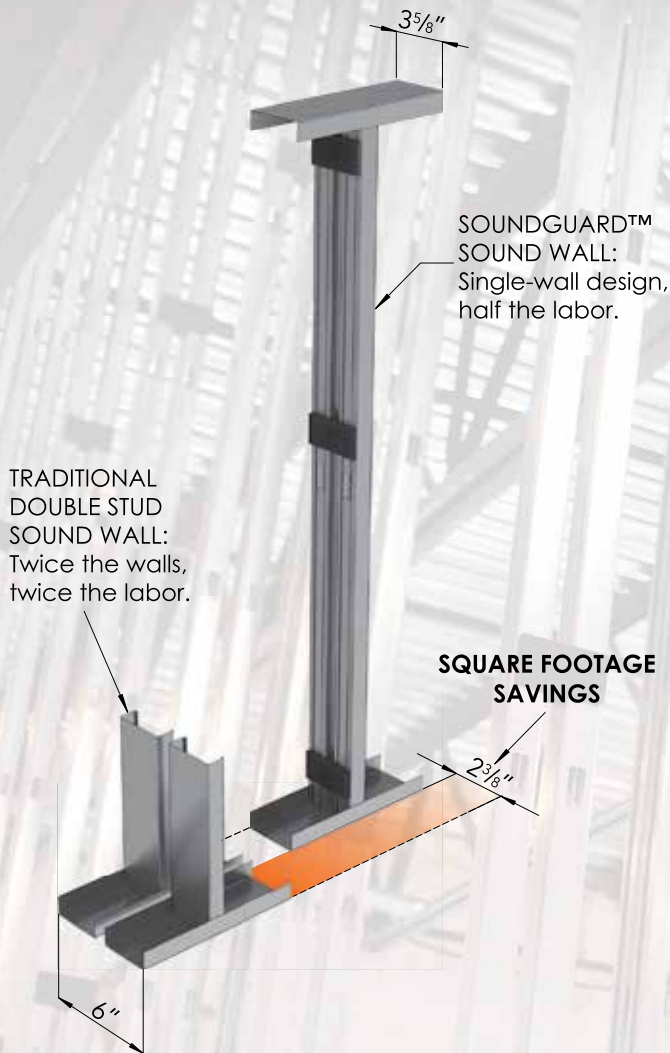
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2019 CONSTRUCTION EXCELLENCE AWARDS



Deadline for Entries: Friday, January 25, 2019

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The Construction Excellence Awards (CEA) are an exclusive competition that recognizes outstanding work and craftsmanship in the wall and ceiling industry. Only WACA contractor member projects are eligible to enter this select competition. Online project application forms can be submitted by both associate and contractor WACA members.

WHY PARTICIPATE

- ★ Winning projects are recognized at one of the biggest wall and ceiling award shows in our industry.
- ★ This is an opportunity to recognize key employees, business partners, architects and general contractors.
- ★ Companies and winning projects will be highlighted in industry publications.
- ★ Professional videos will be available to showcase winning projects for marketing purposes.
- ★ Winning projects will be featured on WACA's website.
- ★ Winning projects will be featured in *The Quarterly* magazine.

HOW TO ENTER:

Online application and digital photo upload on WACA's website, www.wallandceilingalliance.org

CEA PROJECT CATEGORIES

- Residential / Lodging Exterior and Interior
- Retail Exterior and Interior
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- Institutional Exterior and Interior
- Historical Restoration Exterior and Interior
- EIFS
- Green Building
- Cellings
- Project of the Year - Exterior Under \$500,000
- Project of the Year - Interior Under \$500,000
- Project of the Year - Exterior Over \$500,000
- Project of the Year - Interior Over \$500,000

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Mike Nonn, technical advisor, mike@wcbureau.org
Ben Duterte, technical director, ben@wcbureau.org





Long After I'm Gone, Buildings Still Standing



by Brent Fisher, Business
Development Manager at
Dryvit Systems, Inc.

Dryvit Systems, Inc. is one of the largest manufacturers of exterior insulation and finish systems (EIFS) in North America. In construction, these systems are categorically known as continuous insulation claddings and facades. We manufacture several types of EIFS claddings for use commercially and residentially. Dryvit also manufactures NewBrick and promotes its Tech21 prefabricated panels for use in both new and retrofit applications. We put both good looks and high-performance insulation on the building's exterior walls, where it can be the most beneficial.

Dryvit began operations in 1969 in Rhode Island. Since 1996, Dryvit has been a part of the RPM, Inc. corporate family. Our company employs almost 500 people, with manufacturing facilities in seven locations around the United States, Canada and Poland.

My career with Dryvit started in July 1985. I've held many positions, but I currently have the title of Manager for Business Development/West. My geographical area spans from Seattle to Los Angeles. I'd been intrigued with EIFS since first seeing it in the late 1970s. I derive a lot of enjoyment from seeing our EIFS applied to the hundreds of projects that I get to be involved with each year. Nothing makes one prouder than to drive down a freeway and see project after project that you've touched or influenced during your tenure. The exterior is what defines the building, right? I've always felt for the representative who sold the rough plumbing in those buildings. Their work is just as important, but the exterior is what generally creates the greatest impression and lasting memory of the construction project.

One of my favorite current projects is an eight-story retrofit of a 1970s era "brutalist" designed building in Bremerton, Washington. This project at 500 Pacific Avenue utilizes the Dryvit Fedderlite system installed as an insulated rain-screen panel project. Installed by one of the Northwest Wall And Ceiling Bureau member contractors, this application pushes EIFS to new limits for insulation performance, design and speed of install. We're working on mid- and high-rise condominium projects, new-build hospitality and retrofit hotel projects. Our NewBrick product has been utilized on retrofit

"I'm very pleased that these programs will live on in the buildings that they influence long after I'm gone. That is gratifying."

and new construction projects for Swinerton Builders, Anning-Johnson Company, Patrick J. Ruane, Inc., Onyx and Level 5.

Dryvit concentrates on working with owners, architects and general contractors who are specifying its products. That effort sets us apart from our direct competitors and says that we are willing to spend the time and money to develop an application to a particular project. It's very common to see an architectural specification stating that the "Basis of Design is Dryvit (product name)." Dryvit is affiliated with quality assurance and standards organizations like ISO (International Organization for Standardization), ASTM (American Society of Testing and Materials), AWCI (Association of the Wall and Ceiling Industry) and EIMA (Exterior Insulation Manufacturer's Association). We pride ourselves in being board members of trade associations like SWRI (Sealant Waterproofing and Restoration Institute), ABAA (Air Barrier Association of America) and AAMA (American Architectural Manufacturers Association).

Working at Dryvit and with our member contractors has provided many wonderful moments, blessings really. I started here in my 30s, and I'm nearly 70 now. In my time with Dryvit, the achievement I'm most proud

of is my guiding hand in developing our ReVyvit by Dryvit (renovation) and Tech21 (prefabrication) Programs. During the 40 years I've worked in design and construction, the world has changed significantly. Today, what is key to any building project is that it must be either built faster, or repurposed and "life extended." These two programs help contractors, architects and developer customers accomplish efforts easily, inexpensively and with excellent visual and performance outcomes. I'm very pleased that these programs will live on in the buildings that they influence long after I'm gone. That is gratifying.

And speaking of moving on, as a proud "lifer" who is about to retire from the wall and ceiling industry, I've seen our industry change in so many ways it could be its own article. But I must say specifically that the inclusion of women in the industry is not only a sea change, but also a refreshing one. Women are smart, organized and detail oriented. Having the fairer sex represented in our industry is not only beneficial, but also welcome and progressive. The other notable evolution I've seen in our industry is the level of detailed knowledge that representatives must bring to the table. Whether it's

EIFS, metal stud framing, or grids and ceilings, the level of detail that we now provide to architects is staggering. Architects are burdened with more and more regulation as reflected in the building code, but they are not fully compensated for it nor permitted the time it takes to become that experienced. We must provide those extensive details ourselves now, so architects can make informed and confident choices for the projects.

As exciting as it's been, I won't miss the emergencies in our industry and late-night oil-burning reviews of plans and specs. I will miss the personal camaraderie and the joy of seeing a project come to life from sheets of paper. I'll mostly miss the people I get to laugh with (and have sometimes cried with too). That I will miss. I've been blessed to know many of our members for all these 34 years, and it'll be a little sad to no longer talk with them on a regular basis. When I attended Joe Meiswinkel's funeral a few years ago, between the tears we were all shedding, I looked around and realized, "It's all these people and what we get to do in our little world — creating buildings and friendships, that's what life is all about."

Russell & Quimby, San Mateo



GOLF TOURNAMENT: A SHOTGUN START TO EARLY SELLOUT



WACA's super-early sellout was above par from last year. Only the early "birdies" with the fore(!)sight to register early were able to tee off in WACA's tournament at Poppy Ridge. Registration began at 10 a.m., allowing guests to pick up their Wiley X sunglasses and other giveaways. The infamous shotgun start called all players at high noon to ride out for a day of friendly competition in perfect September weather. Mega-sponsors helped provide frozen margaritas and ice cream with handmade waffle cones at various locations on the course, while hole sponsors supplied drinks and networked with attendees.

Evening cocktails began as players swung their last and putted in to the clubhouse. During the lively buffet dinner, WACA staff announced the tournament winners, which were closest to the pin, longest drive and tournament champions. The winning players happily posed for the camera with their crystal awards in hand and prizes of \$100 gift card. The long drive and closest to the pin champions were given crystal awards and \$50 gift cards. WACA appreciates all the sponsors who scored a hole-in-one with their generous contributions to this event.







WACA GOLF TOURNAMENT

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2018-2019 CALENDAR OF EVENTS

DECEMBER 8, 2018

WACA Holiday Party
Fairmont San Francisco
San Francisco, California

DECEMBER 10, 2018

Construction SuperConference
The Encore at Wynn
Las Vegas, Nevada

JANUARY 7-10, 2019

Building Innovation 2019 Conference & Expo
Mandarin Oriental Hotel
Washington, D.C.

FEBRUARY 19, 2019

National Association of Home Builders
(NAHB) International Builders Show
Las Vegas Convention Center
Las Vegas, Nevada

FEBRUARY 28, 2019

WACA Crab Feed
Fishermen's Grotto
San Francisco, California

MARCH 6-9, 2019

SubExcel Conference
Nashville, Tennessee

APRIL 4-6, 2019

Wall & Ceiling Conference & Trade Show
Green Valley Ranch
Las Vegas, Nevada

APRIL 22-26, 2019

Association of the Wall and Ceiling Industry (AWCI) Annual Convention
Gaylord National Resort & Convention Center
National Harbor, Maryland

APRIL 30-MAY 2, 2019

AEC BuildTech Conference & Expo
Donald E. Stephens Convention Center
Rosemont, Illinois



Integrating BIM for Long-Term Benefits

California Team Fits BIM in a Cube

by Michael Gardner

In a nondescript warehouse and office building in the rolling foothills about 45 minutes northeast of San Jose, California, two associates are charting a next step in drywall and plaster project management by envisioning how to harness the potential of building information modeling — or BIM — in a new way.

Frank Nunes and Cody Nowak, each an industry veteran, collectively believe that assisting trade contractors with integrating BIM into their management process will reap significant long-term benefits for those willing to accept the concept.

Nunes is the CEO of the Wall And Ceiling Alliance, a Pleasanton, California-based association that advocates for the interests of the wall and ceiling industry. He was instrumental in the creation of WACA in 2010 and has more than 35 years of experience in interior and exterior construction. WACA members are union drywall and plaster contractors based in Northern California.

Getting Involved with BIM

Nunes is very aware that WACA's foray into BIM is not in itself revolutionary. "My interest is focused on expanding the partnership aspects of the BIM experience as opposed to re-casting the BIM process in itself," he explains. "Our sense is that while there are drywall and plaster contractors involved with BIM, to date the tools have been viewed as more useful for the structural and physical infrastructure portions of projects.

"We want to change that for our constituency," Nunes continues, "get them more comfortable with BIM, and increase contractor involvement in early project design. With the support of the WACA Board, coupled

with significant input from Ben Duterte and Mike Nonn of our technical team, we've moved forward."

Recent research supports Nunes' thoughts and suggests that while demand for BIM appears to be growing, particularly among owners and general contractors, wholesale acceptance by trade contractors continues to lag. A 2017 study by Dodge Data & Analytics found that while 46 percent of the general contractors or construction managers surveyed who were using BIM were using it on more than one-half of their projects, only 30 percent of surveyed trade contractors were doing the same.

Interestingly, the same report found that, in general, trade contractors were comparatively more comfortable with the complexities and functionality of BIM programs than

Recent research supports Nunes' thoughts and suggests that while demand for BIM appears to be growing, particularly among owners and general contractors, wholesale acceptance by trade contractors continues to lag.

architects and engineers. According to the survey, trade contractors believe BIM's best attribute is its ability to provide the latest version of a design and view using that trait as a means to avoid costly rework once a project commences.

While Nunes brings the technical drywall and plaster background to the team, Nowak brings over a decade of BIM experience, including stints with an Autodesk channel partner and Martin Brothers, a leading California-based contracting firm that has done more than \$4 billion of work since its creation in 1932. Martin Brothers was an early adopter of BIM and Nowak helped the organization create and implement a BIM "CAVE."

A New Kind of Experience Room

After gaining considerable BIM experience, Nowak created the Collaborative Ultimate Building Environment (CUBE, for short) concept.

"Given my experience as a VDC/BIM coordinator and my background in working with the AEC community," Nowak says, "I began to believe that the conventional BIM workflow approach was becoming somewhat outdated, so I came up with the BIM CUBE model."

He has started CUBE, a new business that offers BIM CUBEs constructed and branded specifically to meet the needs of clients.

Nowak designed the CUBE to be a mobile standalone room that projects on two 20-foot by 13-foot walls using a 1:1 human scale, thus creating an immersive experience of the built environment before construction commences. As changes are made in the BIM authoring tool they are reflected instantly in the 1:1 human scaled view.

"This new approach permits owners, end users, and different trades to collaborate more effectively in real time," Nowak explains. "I've also designed each CUBE to be mobile, so it can be set up at jobsites, in expos and trade shows, and in an office setting."

And it is indeed a 20-foot-by-20-foot cube you view when you walk into the WACA warehouse. Nowak and Nunes want to make it usable by all potential input partners on a project, including manufacturers, suppliers, contractors, and designers. As a result, they intend to load the CUBE with technology that will enhance user flexibility and accommodate several design and software packages.

The timing of this move from CAVE to CUBE appears apt based on comments contained in a recent article authored by Matt Ball of

Autodesk. He notes that the "move from 2-D drawings to 3-D models is well underway and gaining steam in the architectural, engineering, and construction industries, thanks to tangible bottom-line returns from streamlined workflows."

Ball identified 11 benefits of using BIM and in his top five were three that fit directly into the approach Nunes and Nowak are implementing: less need for rework and duplication of drawings; improved collaboration; and better visualization of the product being produced. The increased complexity of construction projects is also boosting the need for BIM-oriented design, in particular those that incorporate structures that are being commissioned by high-tech companies in the San Francisco Bay Area. The challenge for WACA is to figure out how to get its members involved early-on in the design and project development stage so that they can be an effective resource for an owner or general contractor.

"No question that is a definite need, but there's more to it than that," says Nunes, who goes on to explain that the BIM CUBE approach is also aimed at getting fresh, new talent into the industry and onto jobsites. "There are still some positions for tradespeople

who simply want to walk onto a jobsite and do nothing more than operate a screw gun," he says, "but what we are trying to create is an environment where individuals are fully trained in multiple aspects of construction and therefore are able to bring value to a project, both on the job and in the office. Effectively, that's what we promote as an organization. Use our contractors and you will work with well-trained, quality individuals."

The Bay Area is well recognized as an incubator for innovative business thought that often is a by-product of the group-think approach taken by dedicated people working in a non-traditional environment, such as a warehouse. Maybe Frank and Cody are on to something.

Michael Gardner

Michael Gardner is the president of M Gardner Services, LLC, a consulting firm that assists organizations with issues involving industry standards and building codes, meeting management, and external collaboration and outreach. Prior to establishing MGS, he was the executive vice president of Compliance Programs for the International Code Council. He is also the former CEO of the Gypsum Association and currently serves as WACA's special technical advisor. He can be reached at michael@mgardnerservices.com.

Courtesy of BNP Media, LLC – reprint from Sept. 2018 issue Walls & Ceilings magazine.

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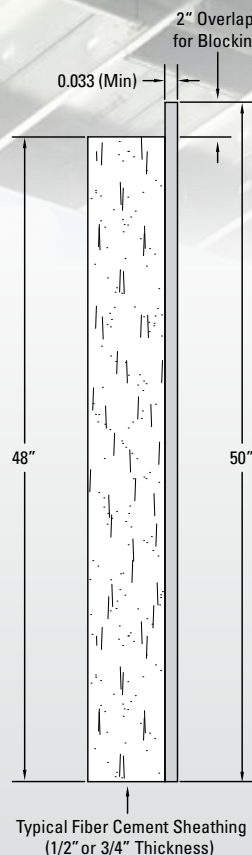
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Congratulations SCHOLARSHIP RECIPIENTS

WACA held its second year of the student scholarship competition. More than 30 students applied from schools across the state. Receiving more applications than anticipated, the board of directors was so impressed with the number of entries that they increased the number of scholarships from three to five recipients. To be eligible for the scholarship, candidates had to be pursuing a degree in construction management, construction engineering or architecture as a full-time student at the junior or senior level. Not only are these recipients highly academically inclined, but they have demonstrated a passion and commitment to the industry. We are proud to announce this year's recipients.



ARLEN HARTOONIAN

School: California Polytechnic State University

Major: Construction Management

Year: Third

I was born in Glendale, Southern California, and moved to a small town called La Canada (Flintridge) four years later. La Canada has been my home for the past 17 years, except for the last three years, during which I

have been attending school in San Luis Obispo.

My passion for building initially convinced me to pursue a degree in architectural engineering. I was confident in that decision until I realized that my involvement with projects would involve more desk work than I expected. After this realization, I researched the construction management program at Cal Poly (San Luis Obispo) and took an instinctual leap of faith by changing my major. I soon learned that construction management was much more aligned with my interests — it was the combination of direct project involvement and challenge to my technical skills that I had sought all along. Now every time

I step into the classroom, I'm enthused by the course curriculum and reassured of my decision to pursue a career in construction.

My passion for construction management encourages me to explore beyond the required curriculum and allows me to attain a greater understanding of the subject. I strive to maintain my grades while expanding my knowledge and passion for this field of study. After graduation, I plan to work for a general contractor as a field engineer to educate myself about site operations, and then proceed to adopt roles that support the construction process itself. I believe that a better understanding of site operations will allow me to perform my duties as a project engineer and project manager more adeptly.

I want to share my accumulated knowledge and passion for construction with my peers and hope to one day become a construction business owner. This will allow me to build for my community and assist the next generation of students with financial aid. In doing this, I can reciprocate the encouragement for academic growth and generosity that was demonstrated to me through the WACA scholarship.



JASPER ORTIZ

School: California State University, Sacramento
Major: Construction Management
Year: Third

I was born in Eugene, Oregon. My mother moved us to Grass Valley, California in 1988. As a single parent, she raised eight children on her own, working extremely hard to keep us all well fed and safe. My work ethic and passion for succeeding exist today because of her. I moved to Sacramento in 2010, where I currently reside with my wife and 1-year-old daughter.

For 15 years, I worked as a foreman for a residential concrete company. Although my expertise was in concrete, I spent time working in other trades as well. Through the years, I have found working in the construction industry to be rewarding. I enjoy the ability to use my creative side on different projects. I chose construction management because I'm interested in working on large-scale projects and believe that my extensive experience in the trades will enhance my ability to be an effective leader. I would love to become a project manager and have the privilege to someday contribute to building a staple structure in the city.

The two fields that currently interest me the most are high rise and civil construction. I look forward to working in a team setting, where I can learn from others while collaborating on projects. I look forward to broadening my understanding of the construction industry. I'm drawn to areas in construction where I can expand my knowledge because I enjoy development and growth.

Knowing that life takes many turns and our destination can change in a matter of seconds, if fate allows one day, my highest goal is to open my own construction company specializing in drywall and framing. In the future, I'd like to provide my employees with the best tools, training and techniques, so that they can work more effectively and in a safe environment. I hope my construction management studies will allow me to successfully manage a construction business and create innovative ideas to contribute to this amazing industry.



DANIEL PEREZ

School: NewSchool of Architecture & Design
Major: Construction Management
Year: Fourth

I was born in Chula Vista, California, and raised in Tijuana, Baja California. I attended school in Mexico until the age of 15, when my parents decided it was time for my brother and me to learn English and work toward a better future. When I first started college I honestly did not know what I wanted to do, until one summer I worked construction with my dad as a laborer. That's when I decided I wanted to do something related to construction, but without physically sacrificing myself like my dad did to provide for his family.

Knowing that life takes many turns and our destination can change in a matter of seconds, if fate allows one day, my highest goal is to open my own construction company specializing in drywall and framing. In the future, I'd like to provide my employees with the best tools, training and techniques, so that they can work more effectively and in a safe environment. I hope my construction management studies will allow me to successfully manage a construction business and create innovative ideas to contribute to this amazing industry.

During my career, I hope to elevate technology and software in the construction industry. I also look forward to mentoring individuals who are new to construction, as I would not have made it to where I am today without my mentors. During my time attending Cal Poly, I've had the opportunity to teach students through our Building Information Modeling (BIM) class. My primary career goal is to create a business centered around using technology in construction. I hope to use my passion for BIM and other cutting-edge technology to help the construction industry work smarter.



MARY PINPIN

School: California Polytechnic State University
Major: Architecture
Year: Third

I was born and raised in Cavite, the Philippines, where many people from different socioeconomic classes live and work side-by-side as a united cultural community. My family immigrated to the United States in April

2012 because my parents believed that the United States was the best place to achieve our career goals. That same year I entered high school as a junior and attended a community college right after graduating. After finishing three years of community college, I transferred to Cal Poly, San Luis Obispo to further pursue my architecture goals.

Architecture, as I see it, creates a community that allows people to co-exist. It's a realm where we create spaces that allow for communication, a sense of belonging and safety. Where I grew up, my home of concrete walls and adequate protection was surrounded by unattractive shelters. In the Philippine areas that lack modern conveniences, people live in huts, squatter areas and shacks built with scavenged materials thrown together. Those living conditions not only ignited a flame in me to pursue architecture, but also taught me that community is achieved when people learn to exist together. Knowing that there are people in this world who don't have adequate physical resources makes me even more passionate to pursue architecture. It's my goal to graduate from college and obtain my degree from Cal Poly in June 2020. I would like to gain first-hand experience from bigger commercial companies that will teach me the practice of architecture in the real world. I chose this major because I want to be someone who gives back to her community by designing buildings that allow people to peacefully congregate.



MATT WILLIAMSON

School: California Polytechnic State University
Major: Construction Management
Year: Fourth

I was born and raised in Mount Hope, New York. Mount Hope is a small town about 75 miles outside of New York City. From an early age, I was obsessed with building things. I would make buildings and cities from my

large Lego collection after school. When it came time for me to start looking at colleges and pick a major, I knew I wanted to be involved with the built environment in some capacity. I initially chose to major in architecture at Cal Poly, San Luis Obispo; however, after one quarter I decided architecture wasn't for me and switched to construction management. I appreciate how the construction management curriculum prepares dedicated students to become problemsolvers and future leaders in the construction industry.

During my career, I hope to elevate technology and software in the construction industry. I also look forward to mentoring individuals who are new to construction, as I would not have made it to where I am today without my mentors. During my time attending Cal Poly, I've had the opportunity to teach students through our Building Information Modeling (BIM) class. My primary career goal is to create a business centered around using technology in construction. I hope to use my passion for BIM and other cutting-edge technology to help the construction industry work smarter.



Serving the Signatory

by SWACCA

The Signatory Wall and Ceiling Contractors Alliance (SWACCA) is in its third year of operation and growing strong thanks to the support of regional affiliate chapters like the Wall And Ceiling Alliance.

SWACCA is a national association created by union wall and ceiling contractors, for union wall and ceiling contractors. SWACCA's foundation is its regional affiliate membership, which is the regional wall and ceiling associations. Regional affiliates lead collective bargaining and other labor relations activities in their respective regions. SWACCA's regional affiliates, such as WACA, play a significant role in SWACCA's structure.

SWACCA was incorporated in November 2015 by nine contractors, including WACA's board member Gregg Brady, of Brady Company/Central California, Inc. With the support of the regional affiliates, the group identified the need for an independent, national organization to exclusively represent union signatory contractors' unique interests at the national level.

SWACCA's mission is to protect and grow the market share of its members while promoting and enhancing the signatory wall and ceiling industry. Union contractors have unique interests in the areas of government relations, marketing and, of course, labor relations. SWACCA supports its members and the industry through strategic initiatives in those areas.

SWACCA's Organizational Structure

SWACCA's organizational structure was carefully developed by the founding board of directors to ensure a national leadership composition that reflects its regional affiliates and contractor members.

The SWACCA bylaws arrange for a board of directors that consists of up to 16 contractors with the following makeup: three from

the western U.S.; three from the central U.S.; three from the eastern U.S.; three from Canada; three at-large contractors with no designated region; and the chair of SWACCA's Regional Affiliate Executives' Committee. Each regional and at-large director may designate an alternate, subject to board approval.

SWACCA's self-directed Regional Affiliate Executives' Committee consists of one representative of each regional affiliate. This structure ensures a standing forum for regional affiliates to formally discuss business activities, with a direct connection to the board, through its regional chair who sits as a full voting member of SWACCA's board of directors. WACA's CEO, Frank Nunes, currently serves in this capacity. Additionally, regional affiliate members can nominate SWACCA directors through the Nominating Committee. The board of directors may self-nominate for open seats only after considering all nominations submitted by the committee.

Individual contractors join SWACCA through their regional affiliate; contractors cannot join SWACCA directly if there's a regional affiliate in their region. Contractors in areas without a regional affiliate are requested to support the creation of a regional affiliate. This structure has already resulted in the development of a new wall and ceiling association, the Kansas City regional affiliate chapter.

Government Relations

In late 2017, SWACCA established its government relations program in Washington, D.C., and is already delivering significant accomplishments. SWACCA has been very active on key issues critical to signatory contractors and the union construction industry in general. The organization's current policy priorities include the following:



SWACCA Director Tom Clerkin meeting President Trump

Wall and Ceiling Industry

- **Passing** H.R. 4997, the Giving Retirement Options to Workers (GROW) Act. This legislation will modernize and protect the multiemployer pension system by enabling defined benefit plans to voluntarily establish “composite” retirement options that combine the best features of defined benefit and defined contribution plans.
- **Defeating** legislation that encourages misclassification of workers as independent contractors, such as H.R. 3441, the Save Local Business Act.
- **Repealing** the “Cadillac tax” on high-quality employer-sponsored health plans under the Patient Protection and Affordable Care Act.
- **Protecting** high-quality, industry-funded registered apprenticeship.
- **Preventing** legislation that would weaken Davis-Bacon protections or prohibit the use of project labor agreements.
- **Engaging** the National Labor Relations Board (NLRB) and other government agencies and authorities on related matters of importance to SWACCA members.

In July 2018, SWACCA was invited to the White House to participate in a presidential event on workforce training. Director Tom Clerkin represented SWACCA at the event along with Ricky Estis, a carpenter apprentice employed by SWACCA member OCP Contractors, Inc. Clerkin spoke directly with President Donald Trump and pledged 50,000 training opportunities over the next five years through the jointly trustee United Brotherhood of Carpenters (UBC) apprenticeship programs.

Also in July 2018, the U.S. Department of Labor (DOL) issued a Training and Employment Notice (TEN) on industry-recognized apprenticeship programs that initially preclude entities from being authorized to establish industry-recognized apprenticeship programs (IRAPs) in construction. The TEN largely adopts the reasoning included in SWACCA's November 2017 comment letter asserting that the prevalence and efficacy of registered apprenticeship programs in construction obviated the need for a new

type of apprenticeship programs in the construction industry.

SWACCA continues working every day to build support for its policy priorities across the partisan divide in Washington, D.C.

Marketing and Promotion

SWACCA's marketing efforts focus on two goals: SWACCA contractor promotion and workforce recruitment. With that in mind, SWACCA produced a video in late 2017 that introduces the organization with a recruitment-focused message. That video can be viewed on the SWACCA website (www.swacca.org) or YouTube by searching for “SWACCA.”

SWACCA is currently working with a nationally recognized marketing agency to develop the Regional Affiliate Marketing Program. The goal of the program is to provide a high-quality marketing kit that can be customized to fit the individual needs of each regional affiliate and implemented in its local markets. SWACCA expects the Regional Affiliate Marketing Program to deliver tremendous cost savings and marketing promotional value to regional affiliates. The program was presented at SWACCA's September 26, 2018, membership meeting held alongside the Association of the Wall and Ceiling Industry's (AWCI) Industry Executives' Conference in San Antonio, Texas.

Labor Relations

SWACCA's labor relations work started with efforts to build strong relationships at the national level with the United Brotherhood of Carpenters, the International Union of Painters and Allied Trades, and the Operative Plasterers and Cement Masons International Association. SWACCA will seek to work cooperatively with the international unions through important challenges as they arise, in labor relations and elsewhere. For example, SWACCA has already undertaken numerous joint labor management matters of common concern in government relations, which is building a foundation for SWACCA's relationships with the international unions going forward. In the future, SWACCA plans

to offer tools and resources to help employers navigate their collective bargaining relationships. SWACCA's goal is not to interfere in those relationships, but instead to serve as a resource by providing essential information and support to regional affiliates and their contractor-members who handle those relationships directly.

An Eye Toward the Future

SWACCA's board of directors has established an ambitious agenda for 2018 and 2019 that benefits SWACCA members and the entire signatory wall and ceiling industry. The directors are proud that it is already producing results. At the same time, SWACCA knows that it will need the support of additional members to sustain its agenda into 2020 and beyond.

SWACCA is in the final stages of updating its strategic plan, which will remain focused on maximizing member value through strategic objectives in the areas of marketing, government relations and labor relations. Currently, SWACCA is working on the execution of SWACCA's member communications plan, which includes a quarterly e-newsletter. The first issue will arrive in members' inboxes in fall 2018. To further communication, SWACCA maintains an active Twitter account (follow us @swaccainfo) and the news section on the website at www.swacca.org/news-events.

SWACCA is focused on increasing member involvement in 2019 to amplify SWACCA's national impact and build grassroots support across the country. SWACCA is grateful to WACA and all its regional affiliate members for their investment in our mission and the belief in our potential to make a difference in our industry.

Anyone interested in more information about SWACCA is encouraged to review SWACCA's website at www.swacca.org or contact the organization directly through SWACCA general manager John Ferraro at (202) 591-2474 or jferraro@swacca.org.



MEMBERS MEETING

at The Van's



Based on member feedback, WACA has brought back smaller meetings, designed for one-on-one networking for membership. Guest speakers are invited to present at members meetings, which provide an opportunity for associate members to introduce their latest products and services available. The gatherings offer a platform to address local issues and the state of the industry that impacts membership.

The Van's restaurant in Belmont was selected, with speaker Stephen Bronze from supplier Sto Corp. presenting. Bronze discussed and reviewed Sto Corp. products, and showed videos reinforcing the products' capabilities. With the intimate group of nearly 60 people who attended, guests were able to network among peers in a laid-back environment. WACA will continue to schedule members meetings depending on engagement and participation.





OUR MISSION is to build a team dedicated to providing exceptional customer relations, restore quality service and values to the scaffold industry, empower our employees to set and achieve goals to better themselves and the industry, and to provide a personal and professional approach in constructing exceptional quality projects.



PHONE: 707-561-7712 | FAX: 707-561-7716



Young Workers in California

A Critical Human Resource in Our Economy

by Chris Lee, WACA Safety Consultant

Each year, California teens and young people under 24 years of age enter the workforce through summer jobs, including part-time and full-time employment. Many are not aware of their employment rights or possible hazards in the workplace.

The California Department of Industrial Relations (DIR) and the California Commission on Health and Safety and Workers' Compensation (CHSWC) recognize these dangers and are dedicated to ensuring that all workers, including young workers, have a safe work environment. It's critical for new entrants in the labor force, especially in construction, to learn proper safety protocol to prevent injuries.

Injuries, Illnesses and Fatalities

Young workers are not immune to workplace hazards. Unfortunately, hazards will likely continue to result in occupational injuries, illnesses and fatalities for this demographic. The following two statistics should be noted; in the United States, every nine seconds, a teen worker is injured, and workers under the age of 25 are twice as likely to end up in the emergency room versus workers over 25 years of age.

Nationally, for the data year 2016, the Bureau of Labor Statistics reported that in the construction industry there were 1,330 nonfatal

injuries among workers ages 16 to 19 and 9,340 nonfatal injuries among workers ages 20 to 24. Ten fatalities occurred among workers ages 18 to 19, and 58 fatalities occurred among workers ages 20 to 24.

In California, for the data year 2016, the bureau reported 350 nonfatal occupational injuries for workers ages 16 to 19 and 1,000 nonfatal occupational injuries for workers ages 20 to 24. Three fatalities occurred among workers ages 20 to 24.

Hazards and Environmental Factors

Young workers are injured or become sick on the job for many reasons, such as inadequate safety training, unsafe equipment, dangerous work that is illegal or inappropriate for youth under 18, and the pressure to work faster in stressful conditions. Other unsafe or unhealthy risks for young workers can occur from falls, machines and tools, hazardous materials, confined spaces, electricity, being struck by or backed over by a vehicle, and excessively loud noise.

Eight key factors contribute to unsafe or unhealthy exposures of young workers, including exposure to the sun, heat, landscaping, pesticides and chemicals, machinery and vehicles, electricity, heavy lifting, and excessively loud noise.

Restrictions on Workers Under the Age of 18

Workers under the age of 18 may not operate, clean or repair power-driven types of machinery, such as hoists, forklifts, circular saws and hand saws. In addition, they may not work on wrecking or demolition jobs, excavation projects, or roofing or work that involves going on or near the roof.

Facts for Employers – Safer Jobs for Young Workers

Contractors need to know the laws specific to California child labor. Teen employees cannot be assigned work schedules that violate the law or given prohibited job tasks, like operating heavy equipment or power tools. Businesses must understand and comply with the California Occupational Safety and Health Administration's (Cal/OSHA) workplace safety and health regulations, which are designed to protect all employees including teens from injury.

Teen employees must have work permits. Workers under 18 must apply for work permits at their school or school district before beginning a





new job. Work permits are not required for those who have graduated from high school or passed the high school equivalency exam.

Companies should stress safety to supervisors and ensure frontline supervisors who give teen workers their job assignments know the law. Supervisors should be encouraged to set a good example. They're in the best position to influence teen attitudes and work habits.

Safety and health programs must be established, and supervisors/managers are responsible for ensuring all jobs and work areas are free of hazards. The law requires the employer to provide a safe and healthy workplace. Under Cal/OSHA regulations, every workplace must have an Injury and Illness Prevention Program (IIPP). Visit the following website for specific requirements for construction employers: www.dir.ca.gov/title8/1509.html.

Resources for Employers

Contractors, if you'd like more information about California young worker laws on safety, the following list offers resources on this topic.

- The California Partnership for Young Worker Health and Safety is a statewide task force that brings together government agencies and statewide organizations representing educators, employers, parents, job trainers and others. The partnership develops and promotes strategies to protect youth at work and serves as an advisory group. Visit the following website for more information: www.dir.ca.gov/youngworker/YoungWorkerPartnership.html.
- Youngworkers.org is a website with state and national scope that has information for teens, young workers, parents, teachers, job educators, employers and anyone who wants to learn more about the subject.

Nationally, for the data year 2016, the Bureau of Labor Statistics reported that in the construction industry there were 1,330 nonfatal injuries among workers ages 16 to 19 and 9,340 nonfatal injuries among workers ages 20 to 24.

- Young Worker Resource Centers can tap into the resources of the University of California Berkeley's Labor and Occupational Health Program (LOHP), as well as other resources within the Department of Industrial Relations. For more information, contact Diane Bush for dbush@berkeley.edu or (510) 643-2424. The centers provide:
 - Written materials on occupational health and safety and labor laws for youth
 - Youth leadership development
 - Awareness campaigns and media relations
 - Technical and research assistance
 - Referrals to state and local health and safety agencies
- The Cal/OSHA Consultation Service provides free safety and health services on a wide array of issues, including young workers and is not affiliated with the enforcement unit. Visit this website for more information: www.dir.ca.gov/dosh/consultation.html. Email inquiries can be sent to infocons@dir.ca.gov. Phone inquiries can be directed to (800) 963-9424.



Not Just Building, But Inventing

by KHS&S Contractors

We strive to be a leader in the industry and to live out the motto “Do Everything Better.”

KHS&S Contractors was founded in 1984 as a regional wall and ceiling contractor. The company enjoyed a decade of steady growth amidst the expansion of Walt Disney World and the Epcot Center, and the exploding economy of central Florida. In 1996, KHS&S expanded westward to California and Nevada, beginning the company's rapid ascent to becoming one of the largest specialty contractors in the United States and the national leader in themed construction.

The western geographical range for KHS&S includes California, Oregon, Washington, Nevada and Colorado. Our headquarters are in Anaheim, California, with office locations in Concord, Seattle, Las Vegas and Denver. Today, we have 185 in-office staff members and around 685 in the field, totaling 870 employees.

We offer an extensive variety of specialties. In preconstruction, we provide design assist, creative and historical research and art direction, construction design, and prefabrication. In in-

terior construction, we offer lath and plaster, acoustical ceilings, and glass fiber reinforced concrete (GFRC), glass fiber reinforced gypsum (GFRG) and fiberglass reinforced plastic (FRP). For exterior construction, we offer lath and plaster, stucco, GFRC, exterior insulation and finish systems, and rainscreen systems. In theming construction, KHS&S provides custom doors and windows; character signage; rendered and character plaster, sculpting and ornamentation; millwork and casework; faux finishes/paint/aging; brick and stone; and GFRC, GFRG and FRP.

KHS&S has an employee-driven culture, which required patience, sacrifice and vision to create. We want leaders with the passion to improve their organization and to motivate, engage and inspire their people. KHS&S embraces a “lean culture” that emphasizes collaboration, reliability of scheduling and top-value delivery, while using the fewest resources. In the true spirit of process improvement, KHS&S has studied other industries like automotive, aviation and health care — businesses

charged with setting safety, quality and efficiency standards — and applied these same lean principles to our construction projects. Our approach enables our team members to drive project success by respecting all team members and promoting the resourcefulness for continuous improvement.

One example of our resourcefulness is our response to the labor shortage in the industry. This shortage has been a challenge and continues to be an issue as project demands increase. To help mitigate this gap, we've begun recruiting at the college and high school levels. We strive to attract and train the most talented individuals in the industry and those who show potential to become valuable employees.

With the need to continuously improve, the team at KHS&S knows technology is important as well as an opportunity. Our company partnered up with Howick Ltd. to manufacture cold-formed steel studs with punched holes, customized per projects. We're expand-

ing the use of the machines to include interior and exterior framed panels. The state-of-the-art equipment will allow KHS&S to take full advantage of prefabrication opportunities. In addition, KHS&S is utilizing technology that creates custom precise drywall assemblies. These assemblies can be shipped preassembled and installed on the job site, saving time and job site hassles. With PanelMax, complex shapes and corners can be shipped to the site in a prefabricated assembly. This prefabricated assembly may include framing, finishes or other applied material, depending on the requirements of the project.

KHS&S's evolving products, technology and culture have enabled us to accomplish great projects in the industry. One project we're proud of was a major tech campus in Cupertino, California, a massive project taken over from a competitor. In keeping with the company's proven ability to turn projects around, the Concord office succeeded with a smooth transition. This demanding venture required most of the office's resources. The project manager took the initiative to step up and handle ongoing changes, while still managing his current workload. The general superintendent was put to the test increasing manpower from 125 workers to 375 workers during a three-month period. Meanwhile, the administrative staff ensured all extra work agreements (EWAs) and timesheets balanced, while processing substantial time and materials billings every two weeks. Area opera-

KHS&S has an employee-driven culture, which required patience, sacrifice and vision to create. We want leaders with the passion to improve their organization and to motivate, engage and inspire their people.

tions manager Don Archuleta said, "Everyone showed their ability to handle the pressure and passed with flying colors. Overall it [was] a monumental task, and the amazing team effort and spirit really shone through." We believe the same team effort and spirit will continue to shine through in other achievements as well, such as with current projects Hard Rock Sacramento, Coresite SV8 and Telegraph Enclave in Berkeley.

We strive to be a leader in the industry and to live out the motto "Do Everything Better." As the lean culture is entrenched in all aspects of KHS&S construction, new tools of the trade are being incorporated to meet production goals and to keep the craftspeople on the wall. Being a WACA member helps broaden employees' knowledge in the wall and ceiling industry. Remaining up to date on industry

innovations, research and trends gives us a key advantage in the industry.

KHS&S's industry leadership and success is proven in part by our accolades: *Engineering News-Record* has ranked KHS&S as the second-largest wall and ceiling contractor in the United States for six years in a row. In 2017, we received WACA's Construction Excellence Award (CEA) for Commercial Exterior for the Graton Casino, phase two, and earned the CEA for Project of the Year – Exterior Over \$500,000 for the same project. In 2016, KHS&S was awarded the CEA for Historical Restoration Interior for the San Francisco War Memorial Veterans Building, for which we also received the CEA Project of the Year – Interior Under \$500,000. The recognition of our craftsmanship began even further back, with earning the CEA for Exterior Insulation Finish Systems for the Graton Casino and Resort work in 2014.

We are the nation's leading theme contractor, having completed more than 6 million square feet of thematic finishes. Today, KHS&S provides a full spectrum of preconstruction and construction services to a national market, providing award-winning interior, exterior and thematic finishes for commercial construction of all types. While delivering its high-quality core interior/exterior work, KHS&S continues to grow through innovation, technology and culture to deliver exceptional projects to our clients.

Graton Casino, Rohnert Park



DC 16 Star Program

December 2018 Class Schedule



To avoid penalty, call in advance to cancel your class registration. Go to www.dc16star.org for details. These are eight-hour classes from 6:00 a.m. to 2:30 p.m.

Date	Trade-Specific Restrictions	Class Name	Location	Prerequisites
December 1				
	Floors	Installation of Carpet	San Leandro	N/A
	Painters	Cas Training	San Leandro	N/A
	All trades	Rigging & Hoisting "A"	San Leandro	N/A
	All trades	Aprender Como Hablar Inglés	San Leandro	N/A
	All trades	Silica/Respirator Training	Modesto Junior College	N/A
December 8	All trades	Survival of the Fittest	Hay/Chabot – one-time mandatory class	N/A
	Glaziers	Welding Certification 201 (practice)	San Leandro	Students registering for Welding Certification 201 MUST have completed Welding Certification 101.
December 15	All trades	Booms & Lifts	San Leandro	N/A
	All trades	Rigging & Hoisting "B"	San Leandro	Students registering for Rigging & Hoisting "B" MUST have successfully completed Rigging & Hoisting "A."
	All trades	Booms & Lifts	Sacramento	N/A
	All trades	ICRA Training	San Leandro	N/A
	All trades	Silica/Respirator Training	Reno	N/A
December 22	All trades	First Aid/CPR	San Leandro	N/A
	All trades	Flagging & Traffic Control	San Leandro	N/A
	Floors	Sewing of Woven Carpets	Sacramento	N/A
	All trades	Booms & Lifts	San Leandro	N/A
	All trades	Booms & Lifts	Fresno	N/A

STAY IN THE KNOW

► WACA Donates to Alliance for National & Community Resilience

International Code Council (ICC) thanked the Wall And Ceiling Alliance for its gracious donation of \$5,000 to support Alliance for National & Community Resilience (ANCR) activities. "Part of WACA's mission is promoting the quality construction aspect of our members," said WACA CEO Frank Nunes, "and we view resilience as an integral part of a general philosophic approach to construction excellence. WACA strongly supports the ANCR initiative and is pleased to partner with ICC and the other members of this alliance in their efforts."

2019 ADVERTISING OPPORTUNITIES IN *THE QUARTERLY*

With *The Quarterly*, wall and ceiling contractors throughout Northern California have a valuable resource for the news and information they need to know — straight from the association that's looking out for its members' best interests.

If your company serves these contractors, there's no better ad space opportunity for you than *The Quarterly*! Be sure to ask about members-only rates. Get noticed — advertise with WACA today!

Ad space opportunities are available in the following sizes:

Back cover
Full page (with bleed)
1/2 page horizontal
1/2 page vertical
1/3 page block
1/4 page block
1/6 page vertical
1/9 page vertical

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Excellence in Safety Awards

APPLICATION DEADLINE: MARCH 1, 2019

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FOR
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ABOUT THE AWARD

WACA offers this elite safety recognition focused on best practices that excel in multiple areas of safety and health programs by member contractors. Winning contractors will be selected based on the highest quality of safety program practices. Get the accolades deserved for the excellent safety program and dedication to keeping the workforce safe!

HOURS RECORDED FOR 2018

SAFETY PROJECT CATEGORIES

- ✓ Over 1 Million Annual Hours
- ✓ 500,000 - 1 Million Annual Hours
- ✓ 250,000 - 500,000 Annual Hours
- ✓ 125,000 - 250,000 Annual Hours
- ✓ Under 125,000 Annual Hours

WHY APPLY?

Get your company and key employees recognized for best practice safety efforts! WACA's safety award recognizes contractor members who manage an effective safety program. Winning companies will be highlighted in history trade publications, including *The Quarterly* magazine.

WINNERS WILL BE RECOGNIZED AT THE CEA SHOW!

HOW TO APPLY

ONLINE APPLICATION

www.wallandceilingalliance.org

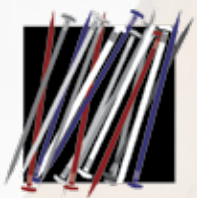
If you have any questions on the safety award application process, contact
WCB Technical Advisor, Mike Nonn



(925) 337-9706



mike@wcbureau.org



CONTRACTORS, DO YOU KNOW THAT CTCNC OFFERS **FREE** ONSITE JOB SITE TRAININGS?



The Carpenters Training Committee for Northern California offers a variety of Professional, Safety and Skills Training (such as FA/CPR, Fall Protection, Scaffold User, Fork lift, Aerial Lift, OSHA, ICRA) to UBC contractor members at no cost to union contractors. Trainings are also available at job site and/or contractors company shops. You must call to schedule and coordinate onsite trainings ahead of time. There are some requirements for onsite trainings.

To schedule a training or for more information, contact Raul Poblete, director of training services for CTCNC, at (925) 250-9271 or rpoblete@ctcnc.org.

A list of offered classes and full training class details can be found online at <https://journeyman.ctcnc.org/ClassDescription/ClassList>

Journeylevel Training – Course List

Acoustical Ceilings
Aerial Lift Qualification
American Red Cross/Bloodborne Pathogens
Armstrong Acoustical
BIM Concepts
Bluebeam – Introduction
Bluebeam – Plan Reading
Blueprint Reading – Commercial
Blueprint Reading – Residential
Bridge Building/Certification
Bridge Falsework
Casework Install
Commercial Concrete Forms
Commercial Concrete Forms – Ellis Shore Decking
Commercial Concrete Forms –
Pro-Shore Deck System
Commercial Concrete Forms
– Symons Wall System
Commercial Door Hardware
Concrete Formwork/Certification
Confined Space Worker
Construction Calculator
Construction Math and Introduction
to Working Drawings
Drywall/Blueprint Reading/Advanced
Drywall/Blueprint Reading/Beginning
Drywall/Suspended Ceilings and Soffits

Fall Protection
Fire Stop Installation
First Aid/CPR (American Red Cross)
First Aid/CPR/Train the Trainer
Fork Lift Safety/Industrial
Fork Lift Safety/Rough Terrain
Green Building Awareness
Harassment and Discrimination in the Workplace
Heat Illness Prevention
ICRA Best Practices in Health-Care Construction
Introduction to Rigging
Journey Level Attending Apprenticeship
Layout Instruments – Standard
Layout Instruments – Total Station
Lead Awareness
Leadership Training Program
Lockout Tagout Procedures
Millwright Blueprint Reading and Layout
Millwright/16-hour Safety Program
Millwright/Construction Math
Millwright/Flowserve Pump Repair Technician/1
Millwright/GE Gas Turbine Qualification
Millwright/Human Performance
Millwright/Hytorc Bolting Technician/trainer
Millwright/Hytorc Qualification and
GE Turbine Familiarization
Millwright/Machinery Alignment Test

Millwright/Precision Tools
Millwright/Welding
Millwright/Welding/TIG
OSCA Principles of Petroleum Refining
OSCA Safety as it Pertains to Crafts
OSHA 10-hour Const Safety Awareness
OSHA 30-hour Construction
Safety Supervisor Training
Pile Driving Hammers
Piledriver/Diver Tending
Rigging Awareness
Rigging/Certification
Rigging/Refresher/Certification
Roofs
Scaffold Erector/Refresher
Scaffold Erector/Standard/40-
hour (WFMT/SYS/TC)
Scaffold Erector/System Scaffold
Scaffold Erector/Tube and Clamp Scaffold
Scaffold Erector/Welded Frame Rolling Tower
Scaffold User Safety
Signage
Silica Awareness
Solid Surface Material Installation/Certification
Stairs
Steel Framing

Trainings can be scheduled for contractor members at any of the local training facilities or union halls.

For a list of locations go to www.ctcnc.org/apprenticeship.html and www.nccrc.org/local-unions.html

District offices training locations are in Fairfield, Hayward, Morgan Hill, Pleasanton and Fresno.

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United States Gypsum – Associate Member

United States Gypsum (USG) manufactures wall, ceiling, flooring, sheathing and roofing products. USG has more than 1,000 registered trademarks worldwide, with over 2,400 active U.S. and international patents. The corporate headquarters are in Chicago, Illinois, with two local distribution centers in Hayward, California. Since 1902, USG has led the manufacturing industry with innovations and products that set new standards for design, productivity and performance for customers all over the globe. USG recently celebrated the 100th anniversary of the iconic Sheetrock® brand, the landmark product that revolutionized interior construction and enabled the lightweight, fireproof walls still being built today. In 2016, USG earned the National Safety Council's Robert W. Campbell Award for excellence in environmental, health and safety (EHS) management. As part of the company's commitment to the environment, USG created the Ecoblueprint™ strategy, its public commitment to completing three goals by 2020: reduce greenhouse emissions by 20 percent, reduce operational waste to landfills by 50 percent and conduct life cycle assessments of all product lines. For more information, contact local USG representative Ryan Blackmon at rblackmon@usg.com or (408) 882-7908.

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Bruce K. Hall Construction
California Drywall Co.
Coast Building Products
Coffey Building Group
Component West
Concord Drywall, Inc.
Creative Ceilings & Drywall
Custom Drywall, Inc.
Daley's Drywall & Taping, Inc.
Dasco Construction & Drywall, Inc.
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FDR Drywall, Inc.
Fisher Lath and Plaster, Inc.
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Ironwood Commercial Builders, Inc.
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Nevell Group, Inc.
North Counties Drywall, Inc.
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Pacific West Lath & Plaster, Inc.
Patrick J. Ruane, Inc.
Performance Contracting, Inc. (PCI)
Psi3g, Inc. (Partition Specialties, Inc.)

R. Davidson Plastering, Inc.
Raymond-Northern California, Inc.
RBE Construction Inc. DBA: Slingshot Drywall
RFJ Meiswinkel Company
Robert Boeger Plastering, Inc.
Russell Hinton Co. Inc.
S&R Drywall, Inc.
Service Plastering II
Spacetone Acoustics, Inc.
SRJ Drywall
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