

Conference Brochure

CALIFORNIA'S COALITION FOR ADEQUATE SCHOOL HOUSINGSM
41st ANNUAL CONFERENCE ON SCHOOL FACILITIES



Wednesday, February 19 – Friday, February 21, 2020

Long Beach Convention Center

Long Beach, California

cashnet.org/annual-conference

CASH is Going to Long Beach!

The 41st Annual Conference on School Facilities is focused on this time of transition in the school facilities community, and what it means for your ability to provide every student and teacher with safe, clean and quality learning spaces. CASH is committed to ensuring that all schools have access to a stable, secure and ongoing capital and maintenance funding through ongoing advocacy and educating members with the most up-to-date information.

For the first time in more than several decades, the Conference will be held in Southern California. Enclosed you will find a variety of education sessions for facilities practitioners in all aspects of school facilities construction, and for all experience levels. New this year: Mini-Workshops, 40 minute topic-focused education sessions, on all three days of the Conference.

The Board of Directors and Annual Conference Planning Committee invite you to join more than 2,000 of your school facilities peers and colleagues participating in CASH's largest annual event, Wednesday, February 19, through Friday, February 21, 2020!

Who Should Attend

- School District Facilities Planners and Directors
- County Office of Education Facilities Officers
- Maintenance and Operations Managers and Directors
- Project and Program Managers
- Architects
- Attorneys
- Construction Managers
- Superintendents
- Associate Members
- State Agency Representatives
- Anyone in the school facilities industry!

About Long Beach, California

- 345 days of sunshine
- 74° average temperature
- One of America's most walkable cities
- All CASH conference hotels are within walking distance of the Convention Center
- More than 100 restaurants within an 8 block radius
- Long Beach Airport is less than 6 miles away!



Photo credit: Destinations Magazine

Tentative Schedule of Events*

All events are held at the Long Beach Convention Center, unless otherwise noted.

Wednesday, February 19, 2020

7:30 a.m.	Golf Tournament Registration Skylinks at Long Beach Golf Course
9:00 a.m.	Golf Tournament Tee Time Skylinks at Long Beach Golf Course
9:00 a.m. - 12:30 p.m.	School Facility Manufacturers' Association Board of Directors Meeting and Lunch (by invitation only) Hyatt Regency Long Beach
12:00 p.m. - 7:00 p.m.	Registration
2:15 p.m. - 3:45 p.m.	Concurrent Sessions
3:45 p.m. - 4:00 p.m.	Break
4:00 p.m. - 5:30 p.m.	CASH Maintenance Network Vendor Show and Reception Hyatt Regency Long Beach
4:00 p.m. - 5:30 p.m.	Concurrent Sessions
5:30 p.m. - 7:00 p.m.	Welcome Reception and NextGen Experience in Trade Show
6:30 p.m. - 8:00 p.m.	School Facilities Leadership Academy Class of 2020 Graduation and Alumni Reception Hyatt Regency Long Beach

Wednesday Highlights

- Every year, CASH kicks off the Annual Conference on School Facilities with the Golf Tournament! For more information, visit: cashnet.org/ac-golf_tournament
- Don't miss the Welcome Reception and Trade Show Opening, from 5:30 – 7:00 p.m.

**All dates, times and speakers are subject to change.*



Photo credit: SPN Photography

Continued on Next Page

Tentative Schedule of Events*

All events are held at the Long Beach Convention Center, unless otherwise noted.

Thursday, February 20, 2020

7:30 a.m. - 5:00 p.m.	Registration
7:30 a.m. - 8:30 a.m.	Continental Breakfast
8:30 a.m. - 10:00 a.m.	Concurrent Sessions
10:00 a.m. - 12:00 p.m.	Trade Show and NextGen Experience
10:15 a.m. - 11:45 a.m.	Concurrent Sessions
11:45 a.m. - 12:15 p.m.	Break
12:15 p.m. - 1:45 p.m.	General Session Luncheon
	Welcome and Remarks by CASH Chair
	Conference Review by Planning Committee Chair
	Presentation of the James L. Murdoch Lifetime Achievement Award
	Adjourn
1:30 p.m. - 5:30 p.m.	Trade Show and NextGen Experience
1:45 p.m. - 2:45 p.m.	Dessert Service in the Trade Show
2:45 p.m. - 3:00 p.m.	Break
3:00 p.m. - 4:30 p.m.	Concurrent Sessions
4:00 p.m. - 5:30 p.m.	Reception and NextGen Experience in Trade Show
5:30 p.m. - 6:30 p.m.	Networking Dinner Hyatt Regency Long Beach

Thursday Highlights

- Clinics are in-depth, hands-on learning sessions offered only on Thursday afternoon.
- Continue networking after the Reception in the Trade Show, in a casual setting at the Hyatt Regency Long Beach. The Networking Dinner is included as part of your registration fee. Your badge is your ticket to attend!

**All dates, times and speakers are subject to change.*



Photo credit: SPN Photography

Tentative Schedule of Events*

All events are held at the Long Beach Convention Center, unless otherwise noted.

Friday, February 21, 2020

7:30 a.m. - 1:00 p.m.	Registration
7:30 a.m. - 8:45 a.m.	Maintenance Network Breakfast Hyatt Regency Long Beach
8:00 a.m. - 8:45 a.m.	General Session Breakfast
	Opening Remarks CASH Treasurer's Report Guest Speaker Adjourn
8:45 a.m. - 9:00 a.m.	Break
9:00 a.m. - 10:30 a.m.	Concurrent Sessions
10:30 a.m. - 10:45 a.m.	Break
10:45 a.m. - 12:15 p.m.	Concurrent Sessions
12:15 p.m. - 12:30 p.m.	Break
12:30 p.m. - 1:45 p.m.	General Session Awards Luncheon
	Welcome by Planning Committee Chair Student Design Awards CASH/AIA CA Leroy F. Greene Design and Planning Awards Nominating Committee Report Member Service Awards CASH School Facilities Leadership Academy Presentation Closing Remarks
1:45 p.m.	Conference Adjourns
1:45 p.m.	Annual Conference Planning Committee Post-Conference Debriefing Meeting (open to all attendees)

Friday Highlights

- Maintenance and Operations professionals are invited to attend the CASH Maintenance Network Breakfast at the Hyatt Regency Long Beach starting bright and early at 7:30 a.m.!
- Stay for the General Session Awards Luncheon where excellence in design will be recognized during the winners of the CASH Student Design Awards competition and CASH/AIA CA Leroy F. Greene Design and Planning Awards; Member Service Awards will also be presented to honor dedicated CASH members for their commitment to the organization.

**All dates, times and speakers are subject to change.*

Concurrent Sessions

Workshops

Wednesday, February 19, 2020

Understanding School District Coding and Budgets with Facilities Nuances (FM)

Moderator: Julie Williams, Colbi Technologies

This session will cover the basics of school district codes as well as a primer on budgeting within school districts, how to manage project budgets within SACS coding structure, and how to navigate the crossover info from fiscal to facilities and back. We will cover program and project level budgets and contingencies.

Lead and Construction - The Sneaky Ways Lead Can Ruin Your Project (MO)

Moderator: Karina Samaniego, Dannis Woliver Kelley

We hear about the Lead-Safe Schools Protection Act and the OSHA safety regulations on handling construction projects where workers may be exposed to lead; but, we do not hear about what actually happens when lead is revealed during a construction project and the devastating impacts to the project. We will discuss how to identify the construction hazard; the process to commence lead abatement; ways to work with your local health department when threatened with a violation; and best practices moving forward when dealing with this type of hazard. We will use real life examples and project scenarios to talk through the do's and don'ts of lead in construction projects.

Planning and Program Management 101 (PPM)

Moderator: Tova Corman, San Marcos USD

This presentation will cover the basics of planning and program management for the State School Facility Program (SFP) funding. This workshop "experience" will start with the development of a program and expand into the following topics:

1. Planning a capital facilities bond program.
2. Site selection, approval, and acquisition.
3. SFP eligibility, funding applications and audits.
4. Demographics, enrollment projections, and boundaries.
5. Hands-on planning with education specifications, needs assessments, prioritization of project elements and components of successful state agency approval.
6. Project scheduling, budget planning, and closeouts.

Planning for Change - Loose Fit Facility Design (SA)

Moderator: John Dale, HED

Educational buildings are a huge and influential part of our built environment. At any given point, many of these facilities are inadequate to the task at hand – providing appropriate, accommodating, healthy settings for learning. Caught between funding cycles, school districts frequently find their building stock an impediment to the vital activities essential to effective and progressive education. Drawing on the methodology of Open Building, this panel and workshop is an exploration of decision-making strategies designed to support a longer and more dynamic vision about the creation of educational facilities. The workshop will use case studies, including Santa Monica High School's new 260,000 sq. ft. Discovery Building, to illustrate loose-fit architecture that addresses these issues.

What Delivery Method Works for You (SC)

Moderator: Frank Camarda, San Juan USD

This workshop will explore the various construction delivery methods available today in K-12 education construction. We will discuss the pros and cons of design-bid-build, lease-leaseback and design-build approaches along with their legal requirements. We will look at applicable project types and case studies on these different methods. Schedule and cost implications will also be reviewed and discussed.

Contracting with Confidence – Breaking Down Alternative Bidding and CUPCAA (FM)

Moderator: Anne Collins, Lozano Smith

This workshop will provide an overview of contract procurement laws, the California Uniform Public Construction Cost Accounting Act, and exceptions to competitive bidding. School districts utilize a wide-range of procurement methods for goods and services and staff are expected to comply with a stringent set of legal requirements when they purchase materials, equipment, supplies and services. These requirements can sometimes pose complications in specific contexts, in which case it is very helpful to be aware of various exceptions and alternatives to competitive bidding, especially in the context of construction projects. This workshop will explore several areas, including:

- Best practice in contracting based on specific types of procurement and the nuances that apply under CUPCAA.

- Alternatives as well as recent legal developments in this area of law.
- Factors causing construction project costs to skyrocket, such as escalation, labor shortages and material/supplier cost increases.
- Strategies and legal issues related to delivery methods and how they can be used to the district's benefit.

Planning and Program Management 201 (PPM)

Moderator: Julie Strauss, HMC Architects

This presentation will discuss advanced topics in school facilities planning and is designed to provide those planning school facilities with the tools needed to make data-driven, cost-effective decisions about current and projected facility needs. This workshop will cover an in-depth how-to on:

1. Preparing a needs analysis that is multifaceted and highly functional.
2. Preparing a capacity analysis with the ability to adapt to various enrollment and program changes from year-to-year.
3. Step-by-step on how to complete applications for state new construction and modernization funds.

How to Provide School Site Safety While Maintaining a Welcoming Environment (SC)

Moderator: Layne Arthur, Balfour Beatty

Our panel of experts will share perspectives of the perplexing conundrum of keeping students, school staff, and the community safe while at school without making it feel like a lockdown environment. What role does the facility play in keeping occupants safe, or is it more related to awareness and behaviors through policy?

Strand Key

(FM)	Fiscal Management
(MO)	Maintenance & Operations
(PPM)	Planning & Program Management
(SA)	School Architecture
(SC)	School Construction
(STA)	State Agency

Concurrent Sessions

Workshops Continued

New Member, First Time Attendee? Get the 4-1-1 on CASH

Moderator: Tova Corman, San Marcos USD

Attend this fun and interactive session to meet long-time CASH members who are here to help you become engaged in the organization. Begin your journey with CASH by building long-lasting relationships to continue your successful school facilities career. Learn how to navigate the Annual Conference on School Facilities to maximize your time. And also, learn about the full-range of school facilities educational programs provided by CASH, such as monthly workshops, leadership and maintenance certificate programs and more!

Architects Committee Meeting

Committee Chair: Laura Knauss, Lionakis

Workshops

Thursday, February 20, 2020

Keep Calm and Carry On: When Emergencies Impact Your Facilities (MO)

Moderator: Lauren Charneski, Dannis Woliver Kelley

Emergencies come in all shapes and sizes, but what happens when an emergency damages a school building or disrupts your operations? This workshop will outline procedures for responding efficiently to emergencies from school board resolutions, to emergency repairs, to coordinating with state agencies. Our experienced panel is comprised of school district, county, and State representatives who will discuss their own emergencies, responses, and lessons learned. To help you process the information provided, come prepared to work with mini-fact patterns, break out into small groups, and prepare emergency response plans.

New Educational Programs are Leading to New School Designs; Reinventing Beyond the 960 Square Foot Classroom (PPM)

Moderator: Jeff Johnson, PBK

Recent developments in school curriculum and educational methods are changing our concepts of a classroom. Traditional classrooms remain important but program learning, hands-on education and technical learning are impacting the way education is delivered. The 960 square foot classroom may be changing as a result. This workshop will discuss new educational methods and how they are driving the new design; gain

a better understanding of CDE guidelines; and discuss funding opportunities. The panel will discuss specific examples that challenge prior assumptions and outline new approaches in both indoor and outdoor learning environments. Non-traditional educational methods will include design thinking process, project-based learning, indoor-outdoor education, agri-science including Farm-to-Fork and technical/career education. We will also discuss how these methods will change classroom and building design, programming, furnishings and equipment.

A New Approach to Designing a Cost-Effective High School (SA)

Moderator: James Krueger, HMC Architects

The construction industry in California is very busy and it has become increasingly difficult to build projects within budget in the present marketplace. Public works projects are even more difficult to keep in budget when you are working with a limited supply skilled union labor. Kern HSD and HMC Architects are currently faced with this opportunity and challenge. The district established a budget in 2016, but does not start construction until 2020. Recently, the K-12 marketplace has experienced an influx of modular buildings and several companies selling modular building ideas. After exploring many modular options, our team crafted a more permanent and locally delivered solution by leveraging the knowledge and experience of the team to create a tailored campus design of standardized structural modules and repetitive building systems that work within the confines of the project budget. This workshop will focus on several strategies implemented during the design process that resulted in a success.

School Construction 101 (SC)

Moderator: Deidree Sakai, Dannis Woliver Kelley

This workshop will offer the basics of the school construction process, including:

- Selection of your team
- The RFP/RFQ process
- Roles and responsibilities
- Budgeting and finance
- Negotiation of contracts
- Design and construction documents
- Managing schedules and costs
- Project delivery methods
- Communication
- Bidding

Ready, Set, G.O.! – Planning for a 2020 Bond Election (FM)

Moderator: Janet Mueller, Dannis Woliver Kelley

2020 is shaping up to be another banner opportunity for school district general obligation (G.O.) bond elections. Planning for an election starts with evaluating facility needs, assessing financial capacity and political readiness, then crafting a sound and lawful bond measure through a transparent community and governing board process. Depending on your district, this may be easier said than done, so learning and preparation is key. The panel brings together a school district and a group of experts in political strategy and capital finance to share their best tips for success.

How Do Your Playgrounds Perform? (MO)

Moderator: Lynne Lees, The KYA Group

Let's dive deep into playground safety, maintenance and inspections. What does your site liability look like? When should you maintain vs. replace? What about the Americans with Disabilities Act (ADA)? All these questions and more will be discussed in an open forum of best practice, basic requirements and new technology updates. Leave with a cheat sheet for safety and compliance to help transform your playgrounds into the safest possible outdoor learning space.

Investment, Engagement, and Ownership – Components to Pass a Bond (PPM)

Moderator: Melissa Moore, El Segundo USD

Aging facilities, enhanced school safety, and the need for NextGen learning environments are universal challenges facing California's school districts. To address these challenges and continue to deliver a quality education, the use of local general obligation bonds has become commonplace; however, not always successfully. Learn how the El Segundo USD leadership team successfully harnessed the community's support by:

- Developing a Long Range Facility Master Plan based on next best steps for facilities district-wide.
- Implementing a strategic communications plan to deliver that message to targeted universes of voters.
- Encouraging stakeholders to engage in an open, honest dialogue about their preferences regarding the long-range facility plan.

On Election Day this approach all but guaranteed that the District's \$92 million bond would enjoy something much more powerful than buy-in from the community – ownership.

Continued on Next Page

Concurrent Sessions

Workshops Continued

Design for Safe and Healthy Children/Best Practices for School Safety, Health and Wellness (SA)

Moderator: Brian Dougherty, Perkins Eastman Architects

Media has been flooded with stories of school gun violence. As tragic as these events are, they overshadow equally concerning and ongoing incidents such as self-harm, depression, bullying, substance abuse and assault. This program presents research focused on factors contributing to school safety and security with the hypothesis that students learn better when they feel safe. Through interviews and surveys of personnel and students, the study examines factors impacting child development, mental health and well-being. The team will present recurring themes and discuss unique perspectives through school case studies. Affected by major events in the surrounding community, including massive fires and a community shooting that redefined school site safety, the Conejo Valley USD Director of Facilities will share experiences and strategies deployed after a comprehensive safety assessment.

School Construction 201 (SC)

Moderator: Marty Hom, Atkinson Andelson Loya Ruud & Romo

Construction 201 is a continuation of the Construction 101 workshop and will discuss issues encountered after contract award for a complex school construction project. Such issues will include project labor issues, project delays, change order management, subcontractor substitutions, terminations, and close out. This workshop will also present examples on strategies used to resolve these issues.

Clinics

Thursday, February 20, 2020

Finance 101 (FM)

Moderator: Erica Gonzalez, Stifel, Nicolaus & Co., Inc.

A Facilities Financing Odyssey – Understanding Bond Finance

Are you in the middle of updating your master facilities plan? Are you grappling with major modernization needs, or are you a growing district requiring new facilities? How will your district meet these facility demands? As school administrators tackling facilities needs, from master plans to community engagement, funding, construction, operations and maintenance – this clinic will provide you with the information you need to understand the financing tools available to fund capital facilities. Whether you've recently passed a bond measure and want a deeper understanding of the legal and financial steps to funding your projects, or you want to explore how to begin the process, please join us for an interactive session with real-life examples from an experienced team of professionals.

Maintenance & Operations 101/201 (MO)

Moderator: Dennis Ziegler, Lake Elsinore USD

Providing stakeholders defensible, data-driven information in support of the maintenance budget can be summarized in reports, but requires a method to collect, track, and report useful life of equipment and systems. Using the Deferred Maintenance Program (DMP) definition of systems list, this workshop seeks to provide attendees with equipment/systems management methods and reporting samples to communicate needs and status of district property, equipment, and systems in budgetary format, for better decision making. There will be an interactive discussion of lessons learned in addressing maintenance and operations concerns and attendees will learn how to strategize, allocate and determine spending priorities.

Cornerstones of a Successful Project (PPM)

Moderator: Paul Nadeau, Gilroy USD

This workshop will be a game show style where the panel will use an interactive app to survey the audience on the unique challenges in today's market on the below subjects:

- Best Practices in Educational Planning
- CEQA and Agency Approval (CDE, DTSC)
- Choosing the right delivery method for your project
- Design Collaboration and Preconstruction

Selecting the Right Design Partner for Your District (SC)

Moderator: Michael Isidro, WLC Architects, Inc.

A Bond Program may be the largest single pot of money a school district has to manage. A key partner in the success of administering a bond program and designing new or modernized facilities is the Architect. The selection of that partner is critical. It makes sense to take the time to find the right firm that aligns with the district's philosophy and goals, but the process can seem overwhelming. Qualification-based selection, fee structure, the difference between an RFP and SOQ...the questions go on and on. This workshop will provide the information you need to structure a smooth selection process and to drive some energy into your program. Selecting your architectural team should be an exciting time for a district embarking on a project, as it is the first step of a multi-year relationship.

How to Select the Best Format for Your Project

Moderator: Addison Covert, Parker & Covert

This workshop is a panel discussion on how to choose the best contracting alternatives for a successful school project. An experienced school facility staff person, an architect, a construction manager and an attorney will review competitive bidding, lease-leaseback, design build, CUPCAA, "piggybacking" and other approaches focusing on how best to meet the needs for each project. Design-Build for example works well with particular projects requiring active, upfront input from the particular builder. Lease-Leaseback works well for complex projects or projects in less urban communities when it can be difficult to obtain competitive bids. Other school districts have routinely used CUPCAA as a method to streamline the bidding process and to take advantage of alternative bid limits or to resolve work that must be done on an emergency basis. The benefits of the "piggybacking" process will also be reviewed.

Concurrent Sessions

Workshops

Friday, February 21, 2020

Hot Topics in Fiscal Management (FM)

Moderator: John Baracy, Raymond James

This workshop has been constructed to cover K-12 education finance hot topics and provide the latest updates for 2020.

Best Practices for Safer Schools (PPM)

Moderator: Chad Koster, Poway USD

This workshop will have an expert panel in school safety. We will discuss how much design can deter and protect our students and what really works to identify vulnerabilities. We will hear from the facility department, the police department for the schools, architects and security experts on the varied aspects of school safety, from policy and communication, to implementation. You will walk away with both preventative and response strategies and tools for your district.

Integrated Energy Master Plan with CCUSD + Gaming for a Resilient Future: Net-Zero Energy Campus (SA)

Moderator: Mary Ruppenthal, DLR Group

In the first portion of this workshop, we will share our integrated energy master planning process with Culver City USD. In the second portion, we will engage each participant in an exciting and interactive activity: Gaming for Net-Zero. Verified net-zero energy buildings are increasing in number, although many remain small in scale at 25,000 sq. ft. or less. We'll elevate the conversation from one building to campus level. Audience members will engage in a meaningful conversation and change the thinking about net-zero energy by applying the core net-zero energy campus concepts globally. Successful net-zero energy strategies and concepts will be targeted.

An Immersive Approach to Designing a New NextGen High School Campus (SC)

Moderator: Virginia Marquardt, HMC Architects

Your facilities and design team are on board to design and promote a collaborative NextGen learning environment, but...

- How do you engage with your leadership and teaching staff to gain their buy in?
- Is there a process you can use to gather and create a conversation to identify the goals and design collaborative NextGen learning environments?

- How does the design team facilitate decision making by your district? How does the design team facilitate a process that allows for leadership decisions to include the flexibility needed to launch NextGen learning opportunities with staff and students?

- And, at the same time... manage scope, schedule, and budget within the process?

An immersive design process that can help your district move towards a less traditional design to more collaborative learning environments. We have all heard the why: studies show that NextGen facilities help student align with the future work world/careers and result in better learning outcomes. This workshop will show you how to successfully incorporate an immersive design process with your district when planning and implementing NextGen learning environments, all while working with a conservative budget.

Watts in Your Wallet? – Private Placement Green Project Lease Financings (FM)

Moderator: Devon Lincoln, Lozano Smith

As stewards of public funds, energy efficiency is critical. The Legislature has carved out a statutory method for delivering green projects and, separately, participate in financing such projects under Prop. 39. Districts find themselves recipients of green project proposals, which commonly come with a financing component. This workshop guides CBOs and facilities managers through a comprehensive survey of private placement green project lease financings, and covers:

- Non-voter approved debt financing requirements and timelines
- State reporting requirements
- Private placement or “direct loan” structure and negotiation
- Selecting project providers and finance professionals

Planning an M&O and Facilities Joint Construction Project (MO)

Moderator: Michael Krause, Anaheim Elem. SD

How do you ensure enough communication during the planning, active construction and close out process of a project, as well as, fiscally sound construction budgeting practices? This workshop will address the unique issues encountered in the planning and construction/reconstruction of K-12 facilities and how a good planning process between facilities and M&O departments can make or break a project's success. Attendees will learn from district staff as they discuss their experiences and best practices managing projects worth millions of dollars. Open dialogue is encouraged between the attendees and the panel.

Successfully Manage and Market Your Bond Project: Essential Ongoing Communication (PPM)

Moderator: Clare Bielecki, Kitchell

Once a Bond is approved... then what? Learn from those who have had great success and support from their students, staff, parents, community and district. Take a comprehensive tour of full access dashboarding and everything it manages. Dive deeper into bond communication best-practices, success stories and failures. Increase awareness, engage stakeholders, facilitate instant reports, bolster trust, streamline processes, decrease confusion, minimize complaints and maximize transparency. Take your bond management and communication to the next level.

Floyd Farms ZNE Verification/Certification - Sacramento City USD's Response to First ZNE Project (SC)

Moderator: Brian Meyers, HMC Architects

Sacramento City USD is engaged in an exciting joint partnership with the City of Sacramento and a local developer to create a new home for a local non-profit, the Food Literacy Center (FLC), adjacent to Leataata Floyd Elementary school on a vacant District-owned four acre parcel of land. The planning has begun for a 5,000 square foot classroom, kitchen and offices where FLC will offer cooking and nutrition classes to hundreds of low-income students from the district. A community garden and working farm are also planned for the site. There, students will plant crops, raise chickens, and prepare fresh meals in support of the FLC and SCUSD vision. The District is also using this project as a pilot to launch their Zero Net Energy (ZNE) initiative. This workshop will review the decision making process utilized by the District to pursue ZNE certification through the International Living Future Institute's (ILFI) Living Building Challenge. Project partners also included the Sacramento Municipal Utilities District (SMUD) and the New Buildings institute (NBI).

Concurrent Sessions

Mini Workshops

New this year! 40-minute topic-focused sessions.

Wednesday, February 19, 2020

Improve Classroom Air Quality to Improve Learning

Presenter: Aaron Jobson, QKA

The Wheels on the Bus...are Powered by Electricity! Get on Board with EV Chargers for Buses, White Fleet, and Employees

Presenter: Cathy Allen, Sacramento City USD

Conflict of Interest: We Know You Don't Want to Talk About It, But...

Presenter: Philip Henderson, Orbach Huff Suarez & Henderson

How California's Civic Center Act Impacts Districts' Bottom Line

Presenter: Kristina Kirkland, Facilitron

Maximizing the Financial Benefits of Your Solar PV System

Presenter: Ilan Fuss, Sage Renewables

Key Elements and Issues for Negotiating Mitigation Agreements

Presenter: Wendy Wiles, Atkinson, Andelson, Loya, Ruud & Romo

Labor Impacts in Today's Market: Skilled and Trained Workforce, Labor Shortages, PLAs, and More

Presenter: Marty Glaske, Gafcon

Why School Districts Need to Initiate/Update a Self-Evaluation & Transition Plan

Presenter: Sally Swanson, Sally Swanson Architects, Inc.

Thursday, February 20, 2020

Managing Your District's Citizens Bond Oversight Committee

Presenter: John Vondriska, Corona-Norco USD

Future Proofing Classrooms: Converting Short-Term Liabilities into Long-Term Assets

Presenter: Ric Moore, iMod Structures

Selecting the Best Delivery Method: You Can't Predict, but You Can Prepare

Presenter: Doug Reitz, Mark Wilson Construction

Weeding Out Change Order Requests: A Checklist for Procedural Requirements Often Ignored

Presenter: Luke Punnakanta, Dannis Woliver Kelley

DSA 101 for Beginners

Presenter: Natassia Melendrez, Project Support Services

How an Integrated Emergency Mass Notification Solution Improves School Safety

Presenter: Kelly Fargo, Global CTI

Serving Public Education without Violating Gift and Ethics Laws – A Legal Review for Districts and Consultants

Presenter: William Tunick, Dannis Woliver Kelley

Current to Currency

Presenter: Kyle Frandsen, Balfour Beatty

The New Dilemma...Conventional Versus Modular Construction

Presenter: Leonard Kahn, Lodi USD

New Design and Financing Approaches for Meeting ZNE Mandates in Schools

Presenter: Russel Schmit, Sage Renewables

Impossible Things That Can Happen Before Lunch Now that You Are in Charge of M&O

Presenter: Myla Grasso, Pleasanton USD

Learning Outside of the Box: Maker Spaces and Functional Learning Labs

Presenter: Marc Starkey, Schneider Electric

Friday, February 21, 2020

M&O Hot Topics 2020

Presenter: Ian Padilla, Murdoch Walrath & Holmes

Snakes, Hawks, & Planes, Oh My! Navigating Complex Environmental Impacts

Presenter: Laura Knauss, Lionakis

Professional Learning Communities (PLCs) for Maintenance and Operations Staff

Presenter: Michael Pearson, Napa Valley USD

Understanding Your Mello-Roos CFDs

Presenter: Steven Gald, California Financial Services

Registration Information

Attendee Registration Fees

Include Access To:

- All education Workshops, Clinics, and Mini-Workshops
- Trade Show and NextGen Experience
- CASH Maintenance Network Vendor Show & Reception
- All General Sessions
- Networking Dinner
- Electronic Handouts from Workshops and Clinics, if provided by speakers
- Conference Mobile App/Website

Meal Functions Included in Attendee Registration Fees:

- Wednesday, February 19, 2020
 - CASH Maintenance Network Vendor Show & Reception
 - Welcome Reception in the Trade Show
- Thursday, February 20, 2020
 - Continental Breakfast
 - General Session Luncheon
 - Reception in the Trade Show
 - Networking Dinner
- Friday, February 21, 2019
 - General Session Breakfast or Maintenance Network Breakfast
 - General Session Luncheon

Register Online

cashnet.org/ac-registration

Registration Fees

Full-Conference Registration	Members	Non-Members
School District/ County Office of Education	\$1,156	\$1,372
Associate (Private Company)	\$1,440	\$1,696
One-Day Registration	Members	Non-Members
School District/ County Office of Education	\$645	\$841
Associate (Private Company)	\$952	\$1,145

Cancellation Policy

The CASH Office must receive written notice of cancellation before 4:00 p.m. on Friday, January 10, 2020, in order to receive a full refund. Cancellations received after 4:00 p.m. on Friday, January 10, 2020, and before 4:00 p.m. on Friday, January 24, 2020, will be subject to a \$250 cancellation fee. Please email notices of cancellation to Samantha Priddy at the CASH Office, spriddy@m-w-h.com.

If notice of cancellation is not received by 4:00 p.m. on Friday, January 24, 2020, a refund will not be issued. Registrations made on or after 4:00 p.m. on Friday, January 24, 2020, or no shows, are not eligible for refunds and any outstanding balance will be invoiced and due to CASH.

Travel Information

Hotel Information

The following hotels have a limited number of rooms contracted exclusively for the CASH 41st Annual Conference on School Facilities. CASH does not have a booking agent or housing bureau for this event.

In order to receive CASH group rates, reservations must be made directly with the hotels via the phone numbers or online via the links on the CASH website:

cashnet.org/ac-hotel

- Hyatt Regency Long Beach \$239/night – **SOLD OUT**
- Marriott Renaissance Long Beach \$189/night - **SOLD OUT**
- Westin Long Beach \$233/night

The cutoff date to make reservations at the CASH group rates is Wednesday, January 22, 2020. If the CASH room block(s) reach capacity before the cut-off date, the hotel(s) may accept reservations on a space-available basis, at the prevailing rates.

For more information and updates regarding the CASH 41st Annual Conference on School Facilities, please visit: cashnet.org/annual-conference

Continuing Education Credits

Workshops and clinics have been submitted for AIA CES and MCLE credits. The sessions that receive approval will be noted in the Conference program and mobile app.

See You in Long Beach!



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