

Monday Pre Conference Workshop Schedule

Monday, November 14, 2016

3:30 p.m. - 5:30 p.m.

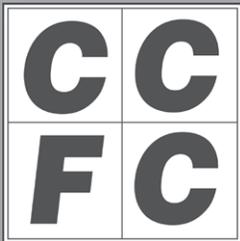
Pre-Conference Workshop
Integrated Planning: Maximizing Opportunities for Success

Deborah Shepley, Gensler

- *Pablo Manzo, Los Rios CCD*
- *Carlos Montoya, California Community Colleges Chancellor's Office*
- *Leigh Sata, Sonoma CCD*

Integrated planning is an effective approach to linking multiple planning efforts, aligning institutional goals and coordinating decisions. Learn how others are integrating their planning efforts, engaging multiple stakeholders and successfully implementing their long range facilities master plans through local and state funding. This workshop will focus on maximizing linkages between educational, facilities and capital outlay planning efforts and provide you with tools, techniques and strategies to bring back to your campus to improve coordination and drive student success.

Mark Your Calendar!

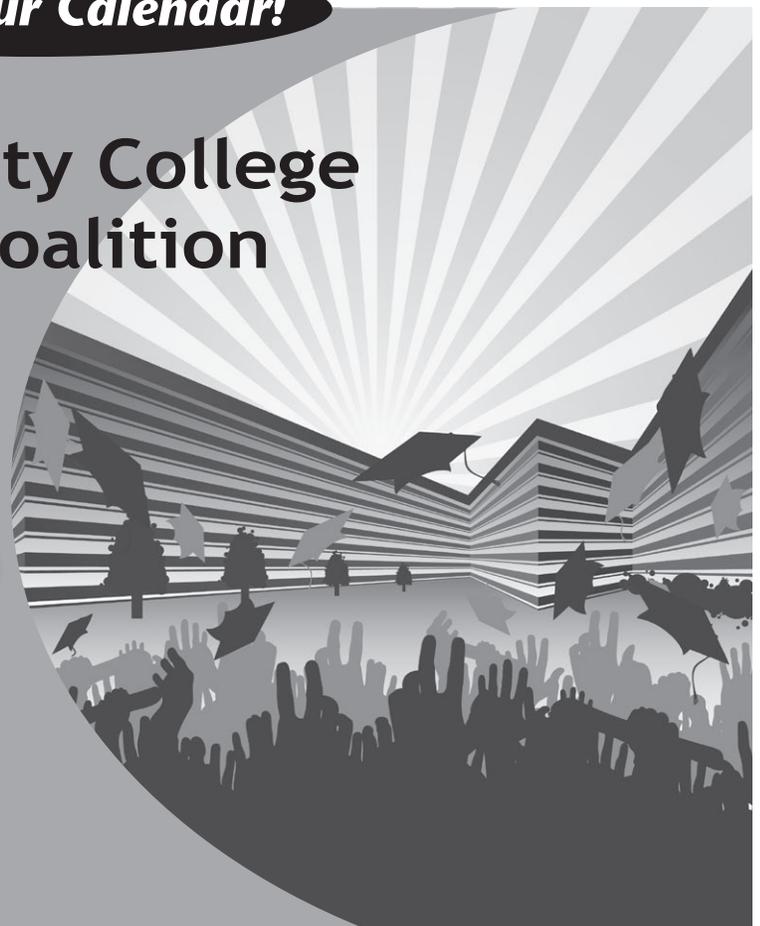


**Community College
Facility Coalition**

24th Annual Conference

November 13-15, 2017

Sacramento Convention Center
& Hyatt Regency Sacramento



Tuesday Workshop Schedule

Tuesday, November 15, 2016

9:15 a.m. – 10:30 a.m.

Workshop # 1

Designing for Inclusivity: How the Physical Environment Contributes to Campus Climate

Michael Pinto, NAC Architecture

- *Melanie Dixon, Los Rios CCD*
- *Brenda Osorio, Los Rios CCD*
- *Saif Vagh, NAC Architecture*

The U.S. is projected to become a majority-minority nation in 2043. We are rapidly becoming a more diverse nation. But are our campuses ready to receive this growing population with welcoming and safe environments? The current dominant discourse on diversity in higher education is tenuous. Tensions persist on college campuses across the nation, the result of long-term frustration and anger over persistent short-comings in the inclusiveness of the campus culture heightened by public issues that engender protests. Inclusivity reflects a campus condition that's a prerequisite for development and learning to occur. If we fail to address issues related to inclusivity we risk jeopardizing our students' safety, personal development and learning. Institutions that are serious about diversity and creating safe and inclusive environments demonstrate a commitment that permeates every aspect of the campus. Strategies to promote campus safety and inclusion involve aspects that are physical as well as psychological in nature. Design has the potential to transform colleges into truly egalitarian institutions that accommodate a student population that represents a variety of races/ethnicities, abilities, sexual orientations, immigrant statuses, gender representations, religions and life experiences. Design can help all students to flourish and unleash their true potential. This workshop will explore the physical dimensions of inclusion on a 21st century community college campus.

Workshop # 2

Progressive Design-Build, A Smart Alternative to Lease-Leaseback?

Praful Kulkarni, Incoming Chair, Design-Build Institute of America, gkkworks

- *Rebekah Gladson, rggroup*
- *Robynne Parkinson, Thaxton Parkinson PLLC*

What is progressive design-build? How does it work? Progressive design-build aids the "shared governance" process creating a more successful project delivery outcome. Community college districts have authority to use design-build models. There are several reasons that an owner would choose to use a progressive design-build process vs. the typical two-phase best value process. This workshop dives into the most effective strategies to achieve a high degree of construction cost certainty as the design is being developed with measurable results of design excellence.

Workshop # 3

Lessons Learned from a \$1.6B Bond Program: Ensuring Your Construction Program is Completed Within Budget

Ryan Murphy, San Diego CCD

- *Lance Lareau, San Diego CCD*
- *Steve Sanchez, Cumming Corporation*

This informative workshop will provide practical advice and tools for planning, developing, and successfully implementing budgets and financial reporting for multi-year, multi-funding capital construction projects and which provide for optimal transparency, accountability and effective decision making. Presenters will share lessons learned from a \$1.6 billion program now in its 10th year; financial strategies apply to programs of any size.

Workshop # 4

Buying and Procuring: Piggybacks and CMAS and CUPCCAA and ...

Philip Henderson, Orbach Huff Suarez & Henderson, LLP

Do you use piggyback contracts to buy something? How about CMAS contracts? How about those out-of-state contracts that you want to "piggyback" onto so you can buy something? And is there installation or construction in those contracts? And how can these work with being a "CUPCCAA" district? Enough questions, so let's get some answers! This workshop will provide real-life examples and guidelines to enjoy the benefits of these structures and how to do it right.

Workshop # 5

State Capital Outlay Planning

Lan Yuan, California Community Colleges Chancellor's Office

- *Cheryl Larry, California Community Colleges Chancellor's Office*
- *Jose Nunez, San Mateo CCD*

This workshop will cover core elements of the state capital outlay process that impact the districts' opportunity to gain state support for their capital construction projects with an emphasis on key planning aspects and review criteria including:

- Policies and application components
- Project category and eligibility
- Board of Governors project categories and allocation priorities.
- Factors that influence a proposal's priority for funding consideration.

Our district panelist, Jose Nunez, Vice Chancellor of Facilities Planning, Maintenance & Operations at San Mateo County CCD, will share his insight on effective approaches to master planning, project planning and sequencing, and the use of Onuma for strategic space scheduling.

10:45 a.m. – 12:00 p.m.

Workshop # 6

Yes and...Leveraging Data to Build a Multi-Scale Culture of Innovation Within Your Facilities Group

Marijke Smit, Project Frog

- *Jim Buchanan, Solano CCD*
- *Frederick Harris, Gavilan JUCCD*
- *Kimona Onuma, ONUMA*

With the adoption and integration of FUSION+GIS+ONUMA, community colleges have at their fingertips a powerful technology for the full life-cycle monitoring of campus development. This integrated cloud-based technology provides facilities planners with a powerful, data-rich tool for advancing campus development from master plans, tracking and quantifying campus operations, and even issuing job tickets for maintenance work. But does better information always lead to better campus development? Does it make for more efficient project management? And how will architects and builders interface with this technology and how can it improve communication and workflow across campus development projects?

Tuesday Workshop Schedule

We'll get perspectives from across the project ecosystem, focusing on the experience and insight of administrators and operators in adopting new technologies to streamline campus planning, development, and maintenance workflows. Our panelists will reflect upon best practices for obtaining buy-in from their teams, distinguishing the must-have from nice-to-have technology tools, and balancing the right mix of technology with professional expertise and know-how.

Through discussion, we will investigate the opportunities and challenges of building an effective multi-scale facilities program informed by data and technology:

- 1) Understand the challenges of adopting new technology within existing infrastructure
- 2) Learn best practices for effective change management within your facilities group
- 3) Learn how to streamline communications and workflow for more efficient, multi-stakeholder project delivery.

Workshop # 7

How Large Scale On-Site Energy Storage Complements Renewable Energy Generation Providing Your District Energy Savings

Bruce Rich, Parsons Brinckerhoff

- *Doug Horner, Chabot-Las Positas CCD*

As California individuals, businesses and educational institutions continue to install more on-site renewable energy generation, utility companies will continue to change their rate structures to address the reduction in revenue from energy sales. These changes will increase a district's energy costs even as their usage decreases due to shift from time of use to peak demand charges. On-site large scale energy storage systems in combination with on-site renewable energy sources will provide your district the flexibility to time your utility energy purchase to reduce your energy bills. This session will present case studies from College of Marin and Las Positas College installations. The Las Positas system is projected to save over \$100,000 per year with the installation of large scale battery energy storage combined with existing thermal ice storage system and a new microgrid control network.

Workshop # 8

Virtual Reality's Current and Future Impact on Design and Construction

Dan Shirkey, Balfour Beatty Construction

- *Mark Claussen, ARCADIS U.S., Inc.*
- *Richard King, Gensler*

The era of Virtual Reality is rapidly approaching and it is quite possible this technology will prove to be impactful not just for gaming but for our society as a whole. Today Virtual Reality presents an amazing opportunity to break down the barriers of technology through the immersion virtual reality provides, allowing more project team members to benefit from interacting with the project in BIM. This creates transparency and enhances communication for the team. In the near future VR will be enhancing our ability to plan, explore and interact in our buildings and with our teammates like never before.

Workshop # 9

The Competitive Process for Awarding Purchasing and Construction Contracts: When It's Required and When It's Not. What's the Difference?

Patrick Gunn, Lozano Smith

- *Kelly Rem, Lozano Smith*

The number of purchasing contract procurement and construction delivery methods is growing and changing all the time. Districts are confronted with often confusing contracting options ranging from traditional public bid and "piggybacking" for purchasing contracts, and bidding to single or multiple prime contractors, possibly with use of a construction manager as the district's agent or at-risk, to the changing process for design-build, and the oft challenged lease-leaseback process, and the "no bid" energy services contracting options. This workshop will discuss contracting requirements for purchasing contracts, construction contracts, the differences between construction project delivery options, and address when a competitive process for contract award is required, when it is not, and the types of competitive process, and the distinct differences between them. Too often, districts receive inaccurate information about the requirements for each type of contract. This

workshop will address the competitive process required for each type of contract, and the risks of failing to satisfy the legal requirements.

Workshop # 10

Running a Successful State Capital Outlay Program

Harold Flood, California Community Colleges Chancellor's Office

- *Medhanie Ephrem, Long Beach CCD*
- *Sandy Melching, California Community Colleges Chancellor's Office*
- *Eric Mittlestead, Kern CCD*
- *Eric Thorson, California Community Colleges Chancellor's Office*

This presentation will highlight state capital outlay project administration and what you need to do to complete and close out a state-funded project in future planning cycles. The presentation will cover updates and issues related to the State Capital Outlay Program. Additionally, we will share our observations and recommendations on how to proceed with a state-funded construction project from funding to closeout, including preliminary planning, working drawings, how to prepare your request for release of state funds and what information must be provided on the Quarterly Reports and project closeout for state-funded projects from a state and district perspective.

3:00 p.m. – 4:15 p.m.

Workshop # 11

CCFC Legislative and Policy Update: Hot Topics in Legislation & Regulation

Rebekah Cearley, Community College Facility Coalition

- *Mike Magee, California Community Colleges Chancellors Office*
- *Sherman Wong, Public Agency Law Group*

Join CCFC staff and leadership to hear the latest information on hot facilities topics, including legislation, regulatory endeavors, and other facilities issues considered by policymakers in Sacramento. Explore the key issues affecting community colleges in general and facilities in particular. Learn about the new claims process established by AB 626 (Chiu). Additional topics will include Proposition 51, energy and Proposition 39, bond accountability, construction delivery and risk, and more.

Tuesday Workshop Schedule

Hear what CCFC has been doing to engage on these important issues to provide the unique community college perspective, and receive our predictions for hot policy topics in 2017.

Workshop # 12

Location and Development of College Centers to Maximize Benefits to Students, the College and the Community

Pat Derickson, Stafford King Wiese Architects

- *Pablo Manzo, Los Rios CCD*
- *Amanda Norton, City of Rancho Cordova*
- *Brian Robinson, Los Rios CCD*

By combining an integrated team of stakeholders with Los Rios Community College District's progressive vision for what college centers can offer, you get a project such as Folsom Lake College Rancho Cordova Center that is a catalyst for change. The opening of the new Folsom Lake College Rancho Cordova Center has transformed a once-blighted neighborhood into the beginnings of a redevelopment hub for the city of Rancho Cordova. This education center has completed phase one of a three-phased, 80,000 sq. ft., master-planned campus. The site is in proximity to residential neighborhoods and retail centers. Located across from a Light Rail transit station and bus stops, the Center serves as the ideal anchor for a transit-oriented development. The Center is designed to integrate student social spaces as well as offer many student services such as counseling and tutoring. The group study rooms in the LRC, the student lounge and other gathering spaces invite students to stay at the Center to study, meet with classmates for group projects or to develop social bonds. These spaces are unique for college centers typically serving a commuter population and help foster a sense of college community. This panel discussion will focus on the following:

- Identifying the right stakeholders to participate in the process in order to have representation from the college, the district and the community.
- Building the right academic plan to achieve long-term college goals.
- How the architecture program supports the educational, social and cultural needs of the students as well as the needs of the community.

Workshop # 13

ADA Transition Plans - How to Protect Your Campus from ADA Lawsuits

Terry Tao, Atkinson Andelson Loya Ruud & Romo

- *Barbara Thorpe, Disability Access Consultants Inc.*

With the recent change in ADA law, the focus of ADA lawsuits has changed from private to public. Community colleges have a unique exposure with expansive facilities open to the public. The key to managing this exposure is the ADA Transition Plan.

Workshop # 14

West Valley-Mission Community College District: Transformational Change through a Sustainable Commitment

David Younger, Lionakis

- *Dennis Guerra, Lionakis*
- *Ed Maduli, West Valley Mission CCD*

Mission College's award-winning 2008 Master Plan served as the impetus for the West Valley-Mission Community College District's (WVMCCD) adoption of sustainable initiatives district-wide. As the result of a district vision and user-driven momentum, the District adopted a general philosophy and vision for their sustainable future while gradually increasing their level of commitment as initiatives were successfully implemented. Today, less than ten years later, the District's holistic approach to sustainability includes sustainability committees on both the West Valley College and Mission College campuses, on-campus internships in sustainable design fields, sustainable maintenance and operations protocols, Earth Day celebrations, solar arrays and sustainable features in all district facilities projects.

WVMCCD's first sustainable project was the LEED Certified renovation of Mission College's Hospitality Management Building in 2010. Today the District's minimum requirement for all new building projects is LEED Silver and the new Student Engagement Center at Mission College, currently under construction, is registered with the minimum certification goal of LEED Gold, but anticipating LEED Platinum certifica-

tion. This is in part due to the District's commitment and collaborative approach to sustainability, and the solicitation of input and involvement from all stakeholder levels ranging from Facilities, Maintenance and Operations, students, faculty, staff and the District's design consultants.

This workshop will provide a case study of the WVMCCD's sustainable transformation over the last 10 years, from the first initial conversations to implementation strategies and stakeholder engagement and buy-in. Learn how the District's long-term vision inspired local bond measures and how the District leveraged these funds with their long-term aspirations to maximize their sustainable opportunities and campus environments. Emphasis will be on what tools and strategies have worked, which have not worked and how WVMCCD is continuing to build upon their sustainable foundation to inspire further transformational change.

Workshop # 15

Long Beach City College: District Wide Security Camera Implementation Best Practices

Terrance DeGray, Long Beach CCD

- *Medhanie Ephrem, Long Beach CCD*
- *Karl von der Linden, P2S Engineering*

With the growing need to have and maintain a safe environment for students, faculty and staff, security camera installation on campuses have increasingly been requested by students and their families.

This work shop will discuss best practices, lessons learned and process of implementation of a District Wide video surveillance project at Long Beach City College District (LBCCD). The project will consist of over four hundred cameras installed at the Liberal Arts Campus (LAC) and two hundred cameras installed at the Pacific Coast Campus (PCC), to include data infrastructure upgrades at both campuses to support the additional bandwidth on the network. The group will discuss and expand upon the processes that were vital to the implementation of preparing for a project of this size and magnitude.

Wednesday Workshop Schedule

Wednesday, November 16, 2016

9:15 a.m. - 10:30 a.m.

Workshop # 16 **Foundation for California** **Community Colleges: Programs** **That Benefit Your District**

Hoang Nguyen, California Community Colleges Chancellor's Office

- Maria Bernardino, San Joaquin Delta CCD
- Fred Diamond, Citrus CCD
- Jennifer Frierson-Keiper, Foundation for California Community Colleges
- Eric Mittlestead, Kern CCD

FUSION 2 Project – FUSION has been a major Foundation offering for well over a decade and has successfully provided automated facilities utilization, space inventory management and project planning submissions to every community college campus in California. Now under a new version to make FUSION a “daily source for Districts in analyzing and planning,” the Foundation has partnered with R&K Solutions Inc. to develop the next generation facilities system; FUSION 2.

This workshop offers insight into FUSION 2, its features, functionalities and deployment plans. FUSION 2's open system architecture will provide all current FUSION functions, but with streamlined data management and planning processes offered by the new technologies. FUSION 2 offers these capabilities using cross-browser and multi-platform systems, removing the constraint of the fixed desktop environment. Finally, FUSION 2 will incorporate a new reporting tool that dramatically expands data access through standard and ad-hoc reporting for every FUSION module. In this workshop, participants will see the new FUSION and have the opportunity to speak with the FUSION 2 development team.

CollegeBuys – In this era of limited public budgets, cost savings and best value are decision primary points for California's community colleges (CCC) when procuring materials, equipment, supplies, or services. In appropriate situations, aggregate procurement – pooling our system's collective buying power – is the best way to realize lower costs. This has been the role

of the Foundation for California Community Colleges' (Foundation) CollegeBuys Program for the CCCs.

As the purchasing program of the Foundation, CollegeBuys leverages the buying power of the 113 community colleges to secure best value contracts with enterprise-level partners via piggybackable agreements that are made available system-wide. These agreements have been secured through RFPs ran by the Foundation or through strategic partnerships with other educational systems such as K-12, and the California Higher Education Strategic Sourcing Initiative (CHESS) in light of the recent passage of AB 653.

All of our vendor partners have been identified by representatives from the California Community College system as being best suited for the districts. And many of the products available through these contracts address a variety of facilities projects—including furniture, flooring, exterior lighting, synthetic turf, underground utilities mapping, air filters, janitorial supplies, and modular pools.

By understanding what types of contracts are available for districts to use, participants will gain a greater sense of how they can use aggregate purchasing to reduce operational costs and achieve savings. Additionally, participants will have the ability to provide feedback as to how CollegeBuys can expand facilities-related offerings.

Workshop # 17 **You Can't Build Without CEQA!**

Mark Kelley, Dannis Woliver Kelley

- Jessika Johnson, Dannis Woliver Kelley
- Amy Skewes-Cox, Amy Skewes-Cox, Environmental Planning

The California Environmental Quality Act (CEQA) has morphed from an afterthought in a construction program to an important early consideration -- and the consequences of ignoring CEQA can be extreme in today's litigation landscape. Stopped projects, delay costs, exposure to hundreds of thousands of dollars in attorneys' fees are all common issues. Learn from district staff, environmental planners, and seasoned CEQA lawyers how to comply with CEQA and how to respond to problems before they get out of hand.

Workshop # 19

Achieving a Net Zero Energy Campus Through a New Innovative Methodology

Bharat Patel, Harley Ellis Devereaux

- Rueben Smith, Pasadena CCD

Using the successful Cerritos Community College Integrated Energy Master Plan as a case study, this workshop will provide an overview on how to establish a strategy to achieve a cost effective, net zero energy campus. The presenters will illustrate how the first-of-its-kind, energy master plan takes a holistic and comprehensive view of energy usage of all Cerritos Community College's fifty buildings delving far beyond a traditional facilities master plan limited to life cycle of its buildings, grounds and infrastructure. This workshop will outline how the master plan took shape, illustrating the building-by-building analysis, comprehensive strategies for prioritizing energy related projects and the challenge of performing accurate analysis with only one electric and gas meter serving the entire campus. Ultimately the college aims to reduce \$2.1 million in energy expense as a result of this innovative planning approach and alignment with the nation's largest public utility. Attendees will understand how to create a robust, tailored approach to reducing energy costs based on clearly articulated goals and objectives and how to leverage Proposition 39 funding to expand energy efficiencies and conservation.

10:45 a.m. – 12:00 p.m.

Workshop # 20

What Will Be in the 2017 Code?

Kelley Cowan, XL Construction

- Aaron Wintersmith, Capital Engineering Consultants, Inc.
- Arturo Levenfeld, HMC Architects

We were all somewhat surprised at the extent of energy, water, and other code changes in the 2013 Code update. Listen to those with the different state commissions and agencies, and professional organizations who are working to draft the proposed 2017 Code update. What might achieving the new requirements costs? Will our maintenance and operating teams need different training to operate new systems?

Wednesday Workshop Schedule

Workshop # 21

The Future of Proposition 39: Opportunities and Challenges Now and Beyond Year Five

Hoang Nguyen, California Community Colleges Chancellor's Office

- *Steven Clarke, Newcomb Anderson McCormick*
- *Fred Diamond, Citrus CCD*
- *Amy Discher, Southern California Edison*
- *Alison Erlenbach, Pacific Gas & Electric Company*

The Proposition 39 Program (Prop 39) has provided CCC Districts with a significant funding stream for energy-efficiency and renewable energy projects. The success of this program is in large part due to the collaboration and partnership between the Chancellor's Office (CCCCO), Investor Owned Utilities (IOUs) and the California Community Colleges (CCCs). Each of these key players will discuss their role in implementing Prop 39 goals and how campuses are successfully curbing their energy consumption and identifying buildings with potential for high energy savings. As the program enters year 4 of implementation, a CCCCCO representative will discuss project development strategies to maximize funds for the upcoming year and the potential for extending the program beyond year 5. District representatives will address the challenges to identifying future projects, if Prop39 is extended, and what has been learned from the past 3 years to ensure project cost effectiveness, procurement, contracting and project scheduling maintenance. In addition, an IOU representative will brief participants on the current statewide energy picture and the regulatory updates for the California Public Utilities Commission's 2017 program cycle. Workshop participants can expect to learn about the evolution of Prop 39 and how adapting to changing needs of campuses, offering continued support, and establishing best management practices has been critical to its continued success. By understanding all that Prop 39 has to offer, participants will gain a greater sense of how the CCC system can continue to work towards clean energy generation and the importance of leveraging resources provided by energy efficiency programming.

Workshop # 22

How Community College Districts Can Comply with Title IX Regarding Facilities and Equal Accommodations

Stephen McLoughlin, Atkinson Andelson Loya Ruud & Romo

Title IX is a federal law that requires community college districts to ensure all students, regardless of sex or gender, are not prohibited from receiving the benefits of an education. In order to meet this requirement, community college districts must ensure their facilities provide equal access and comparable accommodations to all students. As part of its overall effort to ensure Title IX is actively enforced throughout the country, the federal government recently released several documents containing detailed requirements with respect to Title IX and college facilities. Community college districts in California must develop a facility plan that addresses these Title IX requirements, the Cleary Act, as well as applicable California law. This presentation will provide a summary of the current state of Title IX, the Cleary Act, and California law addressing college facility equality, including related requirements such as the Americans with Disabilities Act. The presentation will also include specific suggestions to help community college districts comply with these requirements, including hot button issues such as transgender rights and athletic participation.