

## SESSION PRESENTATIONS

### HOW INTEGRATED TEAMS CREATE INNOVATIVE SOLUTIONS: A CASE STUDY

A case study from Fremont Union High School District that demonstrates how a successful integrated team led to a truly innovative solution. Blach Construction, Quattrocchi Kwok Architects, and GPLA Structural Engineers partnered years ago to develop a pre-engineered building, named Folia. Folia takes advantage of significant off-site prefabrication to deliver cost and schedule efficiencies without sacrificing quality. Unlike other modular solutions, Folia's flexibility allowed the Design-Build team to solve many of the FUHSD's project constraints.

#### PANEL



**Ryan Holman**  
Blach Construction Company



**Aaron Jobson**  
Quattrocchi Kwok Architects

### CORE TRADE DESIGN-BUILD CONTRACTING FOR PUBLIC PROJECTS

The intent of the presentation is to educate Design-Build professionals and Owners on the benefits of engaging Core Trade Design-Build subcontractors early in the design process on public works projects. The session will focus on the selection criteria, bridging documents and hand off, design responsibility as it relates to budget, owner/agency requirements for conversion to construction contract, lessons learned and the overall benefit of Core Trade Design-Build subcontractors.

#### PANEL



**Ryan Bunker**  
Webcor Builders



**Suzanne Culin**  
San Francisco Int. Airport



**Matt Terry**  
Southland Industries



**Janesh Patel**  
Cupertino Electric Inc.

### IMPLEMENTING LEAN CONSTRUCTION AS PART OF A PROGRESSIVE DESIGN-BUILD PROCESS

This presentation will discuss the basic fundamentals of a progressive design-build process. The presentation will explain why certain elements of Progressive Design-Build are implemented. Additionally, the presentation will discuss the implementation of Target Budget Design, Cost Modeling, Collaborative Scheduling and BIM as part of the project delivery process.

#### PANEL



**Geoffrey Neumayr**  
San Francisco Int. Airport



**Josephine Pofsky**  
San Francisco Int. Airport



**Tania Gharechedaghy**  
San Francisco Int. Airport



**Praful Kulkarni**  
Cannon Design

### GETTING WHAT YOU WANT – THROUGH COLLABORATIVE DESIGN-BUILD PROCUREMENT AND PROPOSALS

There are two sides to successful Design-Build procurement –how the Owner selects its Design-Builder, and how the D-B wins the project. Poorly managed procurement can result in projects that don't meet the Owner's requirements. Poorly written proposals won't win –or worse, put the Design-Builder at too much risk. Through a collaborative process, Solano Community College procured two highly effective Design-Build teams that delivered two great projects under budget and ahead of schedule –and which were successes for the Design-Builders.

#### PANEL



**John Baker**  
Swinerton



**Lucky Lofton**  
Solano Community College District



**Pam Kinzie**  
Kitchell



**John Home**  
Rudolph & Sletten



**Chris Vicencio**  
JK Architecture Engineering

### MAXIMIZING THE DSA COLLABORATIVE PROCESS FROM BUSINESS CASE THROUGH EXECUTION

In this workshop we will take an in-depth look at the DSA Collaborative Process (CP) to examine its key functions, value to the project, and investments required by the entire team to realize its full potential. We will examine this process through the lens of the Cañada College B23 Science & Technology Building, which reduced a projected 7-9 month review period down to full DSA approval in 3.5 months.

#### PANEL



**Chris Strugar-Fritsch**  
San Mateo County Community College District



**Corrie Messinger**  
McCarthy Building Companies, Inc.



**Samara Lull**  
HGA Architects & Engineers

### THE RIGHT PARTNERS. AN ARCHITECT'S PERSPECTIVE OF IDEAL ATTRIBUTES OF SUCCESSFUL DESIGN-BUILD TEAMS

Design-build pursuits are considerable investments. Winning starts with the right team. Learn what factors are essential when considering engineering consultants, general contractors, and key trade contractors. This panel will explore best practices to selecting and on-boarding team members to create an exceptional client experience. Our panel will share real life examples and outcomes within traditional and progressive design-build deliveries while sharing lessons-learned and best practices when assembling your next winning design-build team.

#### PANEL



**Matt Richter**  
SmithGroup



**Naomi Whitesel**  
McCarthy Building Companies, Inc.



**Samara Lull**  
HGA Architects & Engineers



**John C. Webre**  
Dreyfuss + Blackford Architecture

### PROGRESSIVE DESIGN BUILD –WHAT WOULD I HAVE DONE DIFFERENTLY? –ARCHITECT PANEL DISCUSSION

In this architect panel discussion, facilitated by a Lean expert, we will share practical lessons learned from the perspectives of three architects who brings progressive design-build wisdom from a range of project sizes in different markets. The panel will include dialogue that will help session participants recognize and implement the critical aspects of what drives success for a fully integrated team and "project-first" culture.

#### PANEL



**David Crotty**  
HOK



**Roxanne Malek**  
SmithGroup



**Stan Chiu**  
HGA Architects & Engineers



**Felipe Engineer-Manriquez**  
McCarthy Building Companies, Inc.

### PROGRESSIVE DESIGN-BUILD: THE DECISION-MAKING PROCESS -OWNER PANEL DISCUSSION

This owner panel discussion, facilitated by an IPD expert, will share practical lessons learned from the owner's perspective of how to foster improved decision making and the associated team traits. Their progressive design build experiences from a variety of project sizes in different markets will illuminate, through dialogue how project decision making drives all project outcomes: the good, the bad, and the ugly. The panel will include discussion designed to share real examples to will help session participants recognize the fundamental aspects complex decision making to positively drive an effective integrated team culture.

#### PANEL



**Judi Mosqueda**  
San Francisco Int. Airport



**J. Stuart Eckblad**  
University of Calif., San Francisco



**Jennifer Taylor**  
Oregon Health & Science University



**Alicia Wachtel**  
Cedars Sinai



**Stefanie Becker**  
McCarthy Building Companies, Inc.

### COMPLEX SYSTEMS REQUIRE LEAN MINDSETS: CHANGING LINEAR THINKING TO EMBRACE SCRUM!

We explore the differences between linear thinking and systems thinking, as it relates to design-build teams. We will provide the audience with a deep dive into one of the "5th Discipline: The Art and Practice of a Learning Organization" by Peter Senge. With recorded owner and practitioner video and live interviews we will look at how linear planning vs iterative planning plays a role on design-build collaborative teams. Why are we resistant to have iterative planning and systems thinking in the design and collaboration of our integrated design-build teams? Leading us as an industry to use innovative mindsets such as Lean and Agile and tools such as Scrum to empower our teams to succeed with iterative thinking. Good news is... we have a Scrum master to guide us through Scrum in Design and Construction.

#### PANEL



**Diane Anglin**  
Clark Construction



**Felipe Engineer-Manriquez**  
McCarthy Building Companies, Inc.