



WSSHE PUGET SOUND CHAPTER

EDUCATIONAL COMMITTEE EVENT

EVENT DATE & TIME: Wednesday, July 21, 2010 - 7:30 am - 5:00 pm

Puget Sound Chapter Educational Event

EVENT LOCATION: **McKinstry Company**
5005 3rd Avenue South, Seattle, WA 98134

AGENDA

7:30 - 8:00 am	Registration
8:00 - 8:45 am	Welcome and Opening Remarks
8:45 - 9:45 am	Using Lean Principles on a Government Project
9:45 - 10:00 am	Break
10:00 - 11:00 am	Integrated Project Delivery: Seattle Children's Bellevue Clinic Case Study
11:00 - 11:30 am	Breakout Session
11:30 - 1:00 pm	Lunch & Tours
1:00 - 2:00 pm	BIM for Construction and Maintenance
2:00 - 2:15 pm	Break
2:15 - 3:15 pm	System Complexity in the Interest of Energy Efficiency...How Far Do We Go?
3:15 - 4:15 pm	Energy Efficiency Project Funding Panel
4:15 - 5:00 pm	McKinstry Hosted Reception

CONSTRUCTION IN THE HEALTHCARE INDUSTRY

Join BMWC, NBBJ, PCS, Sellen, Skanska, Coffman Engineers and others as we come together to learn about the latest design construction principles for the Healthcare Industry.

WSSHE Puget Sound is proud to present this free all day educational event hosted by McKinstry. There will be four main presentations along with a panel discussion, and BREAKOUT SESSION. A light breakfast, lunch and refreshments during the program will be provided. McKinstry will be offering tours during the lunch break. If you would like to sign up for a tour, please indicate in your RSVP. Afterward, join your peers for a social wine and beer reception hosted in McKinstry's Innovation Center.

TOPIC: Using LEAN Principles on a Government Project

PRESENTED BY: Kevin Flannery, BMWC Constructors, Inc.

The presentation will take the audience through BMWC's journey using lean construction on the G & H Wing Renovation at the University of Washington. There were several challenges to be faced. Among these were:

- Neither the owner nor the general contractor intended to incorporate lean construction on the project.
- No other subcontractor on site understood lean construction.
- The initial schedule did not provide an efficient flow of work.
- The project involved a large amount of work in occupied spaces.

BMWC developed a strategy to overcome the obstacles. This presentation will describe the steps that the construction team took to deliver the project using lean principles. BMWC will show that using this methodology allowed the project to be completed very smoothly and commissioned without the expected delays anticipated at the onset.

TOPIC: Integrated Project Delivery: Seattle Children's Bellevue Clinic Case Study

PRESENTED BY: Brian Zeallear, NBBJ; Rick Oehmcke, PCS Structural Solutions; Jack Avery, Sellen Construction

Integrated Project Delivery (IPD) is a hot topic today. What are the market factors that drive this new alternative delivery method? How can IPD help you and your organization? What is the difference between IPD, Design/Build and Design Assist? How can you do competitive bidding with IPD? These topics and other lessons learned will be discussed by the Design and Construction team of the region's first true IPD project.



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MEETING TOPICS CONTINUED; LOCATION/PARKING DIRECTIONS

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TOPIC: BIM for Construction and Maintenance

PRESENTED BY: Dave Smith, Richard Anderson, Helen Juan, Skanska

As Building Information Modeling becomes more and more prevalent it is worthwhile to illustrate a case study about the effort needed to produce an accurate and living model of one's building. It is our objective to share the experience we have gained thus far on the Good Samaritan Hospital project. The Good Samaritan project team has set out to provide the facility with a digital model of the new Patient Care Tower in Puyallup. This model will be populated with informational links to all major pieces of equipment in the building. The objective is to use this model as a reference for locating critical components, looking up information such as manuals and service records, and understanding the building systems. In addition, the model will be dimensionally accurate so that it may be used to help generate designs for future renovation projects.

TOPIC: System Complexity in the Interest of Energy Efficiency... How Far Do We Go?

PRESENTED BY: Don Iverson, Coffman Engineers

A presentation of the unique energy-conservation features of the new Norm Maleng Building at Harborview Medical Center, a 260,000-square foot addition to the region's top trauma hospital. The building has been in operation for about two years and has won ASHRAE awards for technical innovation. The presentation will include frank discussions of actual building performance and operational experience. While some of the innovative features are working quite well, the complexity of others has proven to be somewhat problematic.

Directions to McKinstry - 5005 3rd Avenue South, Seattle, WA 98134

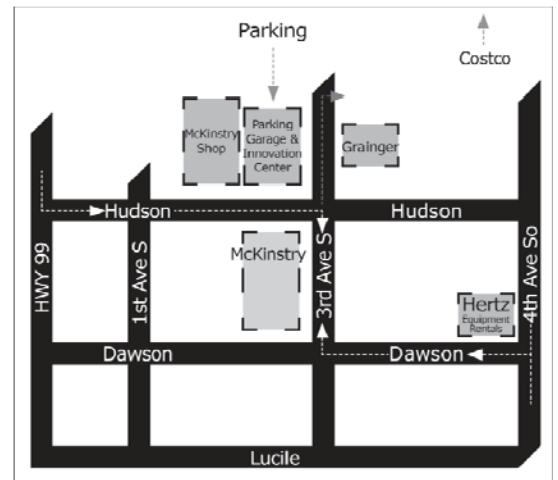
From I-5 North or South

- Take the Michigan/Corson Exit stay to the right
- Turn right onto Michigan
- Turn right onto 4th Avenue South
- Drive north approx. 7 blocks
- Turn left onto Dawson
- Turn right onto 3rd Avenue South
- McKinstry is on the left

From Highway 99 South

- Travel south past Spokane Street
- Turn left on Hudson Street
- Continue east past 1st Avenue South
- Turn right on 3rd Avenue South
- McKinstry is on the right

Parking & Transit - Parking is available in the McKinstry Parking Garage, north of the main building. From downtown Seattle, take either Metro Route #23 or Route #174 to 4th Ave South and Dawson.



Special thanks to: **McKinstry Company**

Since food is provided, please RSVP by Friday, July 16, 2010 to:

Tom Pittsenbarger

Email: tpittsenbarger@proctorsales.com

Phone: 425-275-0764 or 206-390-9641



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