

2011 GREEN CONSTRUCTION WEBINAR SERIES

JUL-DEC PROGRAM TITLE AND PRESENTATION ROSTER

Green Guide for Health Care kmdilwali@gghc.org

JUNE 24, 2011

Webinar Title: *Case Studies in International Healthcare Greening Strategies*

Assigned Date: July 27, 2011

Speaker #1 Keith Davis (The New Royal Children's Hospital Melbourne)

Title: Director Health Services

Organization Name: Norman, Disney and Young (NDY), Melbourne Australia

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NDY was engaged as consulting engineers for Mechanical, Electrical, Hydraulic, Fire Protection, Fire Engineering, ICT, ESD, Security, Specialist Lighting and Vertical Transportation Services. The new hospital is being delivered as a PPP under the State Government's Partnerships Victoria model and is expected to cost around \$850 million. It is due to open in 2011. It is one of the largest hospital projects undertaken in Australia. Some of the features include: It aims to be Australia's first 5 star Green Star hospital. Design features include: A 45% reduction in greenhouse gas through the use of energy efficient lighting, cooling and heating; the inclusion of a 2.8MW gas fired tri-generation plant; chilled beams in the majority of non-patient areas; low or non volatile compounds in carpets, vinyls and paints; rainwater collection from 75% of new roof areas with storage tanks to collect 85% of runoff; blackwater treatment plant for reuse of wastewater; zero net loss of parkland with the removal of the existing hospital

Speaker #2

Name: Mark Lutz

Title: Principal (Project Manager, Rio Negro Project)

Organization Name: Perkins + Will, Miami office

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Email: Mark.Lutz@perkinswill.com

CASE STUDY DESCRIPTION - PENDING

Webinar Title: *Sustainable Renovation of Existing Buildings – Case Studies*

Assigned Date: September 28, 2011

Speaker #1 Name: Neil Rosen, AIA, LEED AP BD+C, CHFM, EDAC

Title: Project Director, Vice-Chairman of the Water Efficiency Technical Advisory Group for USGBC National

Organization Name: North Shore-Long Island Jewish Health System

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Speaker #2 Name: Breeze Glazer, LEED AP BD+C

Title: Research Knowledge Manager

Organization Name: Perkins + Will

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SESSION DESCRIPTION

How can LEED become a blueprint for successful integration of sustainability principles into the existing and renovated healthcare physical environment? With 24 LEED registered renovation and new construction projects, North Shore Long Island Jewish Medical Center has learned how to adapt plans and designs to the rating system and to evaluate those elements in specific contexts. Drawing from a range of projects across the system, this session will examine how to use LEED tools as a blueprint for success in transforming aging healthcare facilities into environmentally-responsive role models for the community.

Webinar Title: *Lessons learned from healthcare delivery in resource-constrained settings*

Assigned Date: October 26, 2011

Speaker #1 Walt Vernon

Title: Principal

Organization Name: Mazetti, Nash, Lipsey+Burch

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Speaker #2

Name: Alan Ricks

Title: Co-Founder

Organization Name: MASS Design Group

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SESSION DESCRIPTION

People in the US tend to think that we know "the way" to green buildings, especially healthcare buildings. To the degree we are willing to consider other perspectives, we look to the Scandinavian countries, and their low energy usage. We tend to think of facilities in the developing world as sub-standard.

There is another perspective, though, that these facilities in the developing world can offer. In fact, people have been delivering quality healthcare in the developing, frequently resource-poor world for a long time. This session will explore ways in which these facilities can teach us valuable lessons about how to provide healthcare in a way that uses few resources, and that makes buildings that are part of the local eco-system, not foreign to it.

The session will conclude with a case study of the Butaro Hospital in Rwanda, designed by the Mass Design Group, out of Cambridge, MA, and the way that this facility used these ideas.

Webinar Title: [Low-energy hospital of the future – evolving energy performance best practices](#)

Assigned Date: November 30, 2011

Speaker #1 Joel Loveland

Title: Professor and Director

Organization Name: Integrated Design Lab | University of Washington

College of Built Environments, Department of Architecture

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Speaker #2 Heather Burpee

Title: Research Assistant Professor, Health Design & Energy Efficiency

Organization Name: Integrated Design Lab | University of Washington

College of Built Environments, Department of Architecture

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Speaker #3 Shanti Pless

Title: *Senior Research Engineer, LEED AP*

Organization Name: National Renewable Energy Laboratory

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SESSION DESCRIPTION

LOVELAND-BURPEE DESCRIPTION- PENDING

Shanti Pless will cover the forthcoming 50% savings Advanced Energy Design guide for large Hospitals. I will cover the main sections of the AEDG, review the design strategies for 50% savings, as well as present the modeling results and case studies demonstrating what it takes to reach this aggressive level of savings.