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The Defining Event for the Design, Construction, and Operations Team

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- Come meet with over 200 suppliers and manufacturers on our Exhibit Floor who can provide the solutions for your design and construction needs. See page 23.
- Unique **Networking Opportunities** including the fabulous Symposium Party. See page 21.
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# HFSE has education sessions for every member of your team—below is just a sample of what we offer:

<ul> <li>ARCHITECTS and PLANNERS:</li> <li>3 Turning Points Shaping Healthcare Environments and the Direct Response</li> <li>Healthcare Design: The Nurse Executive, Nurse Architect &amp; The Nurse Expert</li> <li>Strategies for Improving Building Quality Functionality and Impact</li> <li>The New Normal in Facility Design: Value-Driven Planning</li> <li>Nothing About Me Without Me—Strategies for Design with Owner Teams</li> </ul>	See page 9 See page 18 See page 11 see page 9 See page 11
<ul> <li>CONSTRUCTIONAL PROFESSIONALS and ENGINEERS:</li> <li>Children's Memorial Hospital: Sustainable Steel Construction with BIM</li> <li>Another Medical Gas Shutdown? Make the Next One Painless</li> <li>BIM: Healthcare Facilities Forced to Drink from an (Informational) Fire Hose</li> <li>NFPA 101 and IBC: Compatible or Conflicting Codes for Healthcare Projects</li> <li>Smart OR's of the Future—Merging Imaging and Surgery</li> </ul>	See page 8 See page 19 See page 12 See page 20 See page 12
<ul> <li>FACILITY MANAGERS:</li> <li>Healthcare Finance</li> <li>How To Effectively Manage a Multi-Owner Joint Venture Medical Project</li> <li>Master Planning Seismic Compliance and a Sustainable Design Direction</li> <li>Greening Healthcare with Geothermal: 2 Case Studies</li> <li>Lighting Rx: A Panacea for Hospital Facilities and Population Stimulation</li> </ul>	See page 12 See page 16 See page 10 See page 14 See page 15
<ul> <li>HEALTHCARE OWNERS:</li> <li>LEED-ership and Collaboration—Achieving LEED-Gold on a Tight Budget</li> <li>Found Money: How an FHA Program is Financing Today's Facilities</li> <li>Strategy for Healthcare Organizations to Achieve Energy Independence</li> <li>The Top 100 Safer, Healthier, More Sustainable and Efficient Solutions for the Inpatient Care Environment</li> <li>Speaking of Healthcare InterfaceWhat About Foodservice?</li> </ul>	See page 8 See page 18 see page 18 See page 12 See page 15
<ul> <li>INTERIOR DESIGNERS:</li> <li>One Size Doesn't Fit All: The Nature Art Myth in Evidence Based Design</li> <li>Feng Shui Vital Signs for Healthcare Facilities</li> <li>The Vertical Healing Garden: Ann &amp; Robert H. Lurie Children's Hospital</li> <li>Health Design Leadership as the Tool for Successfully Integrating Care, Environment, and Health</li> <li>Wayfinding: The Right Sign in the Right Place with the Right Message</li> </ul>	See page 14 See page 22 See page 17 See page 17 See page 19

**PLUS** there are countless Case Studies being presented by entire design teams featuring facilities from the San Antonio Medical Military Center to a Women's and Children's hospital in the United Arab Emirates to the Waterford Health Park in Ireland!

See pages 7–20 for more listings and be sure to visit **www.hcarefacilities.com** for the complete list and full descriptions. We have something for all the members of your team.

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a member of a
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(See Page 6.)

#### **LEADERSHIP FORUM**

Monday, September 13, 2010 • 1:00 p.m. - 5:30 p.m.

### A Call to Action: Towards a New Paradigm in Healthcare Environments

Today, we know how to design healthcare environments to not only improve patient outcomes—but also to materially improve the lives of individuals across a more diverse stakeholder range, improve the organizational performance for the provider, and improve the health and well being for the overall community.

This is the new emerging paradigm in healthcare. It is an approach that is developmental, integrated, collaborative, and uniquely personal. This new approach has been developed during the past 12 years, through the original research of Dr. Wayne Ruga. The documented results are sustainable, in that the improvements actually continue to improve over time. Visit www.aplacetoflourish.net for more information.

Designed for both current and emerging leaders, this is not just another workshop, it is "a call to action" for new, unprecedented levels of improvement to be replicated across all elements of the health, healthcare, and well being continuum.

This workshop will provide: (1) the background on a seven year, international research project that has developed the model and tools for this approach to be both replicated and accelerated; (2) reports from several individuals who have applied this approach within their respective professional











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contexts; (3) practical take-away resources for attendees; and (4) time for personal creative exploration and strategy development.

This Leadership Forum is a rare opportunity to engage with this international group of individuals, who have applied and demonstrated the practical benefits of cultivating "generative space," and—as a result, learn to actively exercise health design leadership to participate in the shaping of the bold, new future of the healthcare industry and beyond.

Tama Duffy Day, FASID, IIDA, LEED AP, Principal and National Interior Design Healthcare Practice Leader, Perkins+Will

Simon Henderson, Head of Cancer Environments, Macmillan Cancer Support

Annette Ridenour, President & CEO, Aesthetics Inc.
Dr Mark Rowe, Rowe Creavin Medical Practice (invited)

Wayne Ruga, Ph.D., AIA, FIIDA, Hon. FASID, Founder and President, The CARITAS Project

PLEASE NOTE: Workshops require an ADDITIONAL FEE to participate.

**WORKSHOP** Sponsored by The Longwave Group™

Thursday, September 17, 2010 • 11:30 a.m. - 3:30 p.m.

### CareStudio™ Concepts Applied to the Next Generation of Healthcare Facilities

The CareStudio™ project was developed from the task of joining together as professionals to fashion a healthcare system of the future, a system that can avoid the unsustainable models we deal with today. The LongWave Group™ has spent the last year looking at the effects of system integration across care delivery, built environment, and technology. What would it mean to have acute care platforms mobile throughout the hospital? What would happen if the patient never had to leave the care platform? What are the limits? What it would look like if you could have it be any way you wanted?

Join the LongWave Group™ as we continue to explore systems integration across healthcare delivery. Now is

the time to ride the wave. Let your voice be heard. Join us in making a difference. The only rule is, there are no rules! Anything can happen, but only if you participate..

Suzanne Currie, Senior Associate, Human Factors and User Experience Specialist, HGA Architects and Engineers

Clay Goser, President, Symphony LLC

Matthew E. Hanson, Ph.D., VP, Integrated Medical Systems, Inc.







Currie

Goser

Hanson

PLEASE NOTE: Workshops require an ADDITIONAL FEE to participate. Visit www.hcarefacilities.com for complete descriptions.

Keynotes are open to ALL attendees.

#### OPENING KEYNOTE

Tuesday, September 14, 2010 • 8:30 a.m. - 9:45 a.m.

### Healthcare Delivery Simplified, **Technology at the Point of Care,** and the Next Big Idea!

At the 2009 Symposium a group of designers, manufacturers and owners came together to explore the manufacturability of healthcare environments. Their conversation led many of them committed to delivering a prototype to demonstrate their thinking. This keynote will feature the fruits of their efforts, facilitated by a distinguished panel of experts. This presentation, and the associated exhibit will address:

How does space without substantive fixed features augment flexibility and increase efficiency in the care delivery process? What are the benefits of removing large portions of the infrastructure within architecture, such as medical gasses and connected critical power in patient care environments? Can a kit of parts transform our ideas about quality and









Kurmel

modularity? Will the healthcare model of the future rely on costly inpatient environments? This promises to be a milestone event in the national and international conversation about healthcare environments and the future of global healthcare delivery!

Richard Satava MD, FACS, Professor of Surgery, University of Washington Medical Center

John S. Milne MD, MBA, FACEP, Medical Dir. for Strategic Development Swedish Medical Center, Seattle, WA.

Thom Kurmel, DDES, RA, President, TDK Consulting, LLC Colonel, US Army (Ret.), Former Senior Advisor to the Assistant Secretary of Defense for Health Affairs

David Chambers, Director Architecture and Planning, Sutter Health, and Author of Efficient Healthcare: Overcoming Broken Paradigms

### LUNCHEON KEYNOTE

Tuesday, September 14, 2010 • 12:30 p.m. - 2:00 p.m

### Rick Hansen: Man in Motion



Change-making, determined, inspirational: Rick Hansen is known as the "Man In Motion." In 1985, at the age of 27, the Canadian began a journey that would make history. Propelling his wheelchair through 34 countries on four continents, for more than 40,000 km, he battled the elements and the

odds. He wheeled the equivalent of three marathons a day to return home to Vancouver in 1987. His Man In Motion World Tour raised awareness of the potential of people with disabilities and \$26 million for

spinal cord injury. It also inspired people around the world to believe in their own potential and dreams.

Paralyzed from the waist down in a car crash at 15, Rick came to terms with how to deal with his new life, setting new goals and dreams. Fuelled by his mantra "anything is possible", he inspired athletes of all abilities by winning 19 wheelchair marathons and several medals at the 1980 and 1984 Paralympic Games. Calling on team courage and determination, Rick continues to engage new generations to share and build on his dreams, turning them into reality.

Rick Hansen, C.C., O.B.C, President and CEO, Rick Hansen Foundation

#### CLOSING KEYNOTE

Thursday, September 16, 2010 • 10:30 a.m. -11:30 a.m.

### Project Restart? When to Say When in the New Economic Marketplace



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Galling



Sterling

cussion on the delay of projects as a result of the market downturn. Just as many hospitals and health systems put projects on hold in that tumultuous economic marketplace, some of these projects are back online as the market begin to flow and investment portfolios start to recover. We will explore several key factors and have our returning panel of industry experts weigh in on their experiences and knowledge of the marketplace and the capacity for a project restart.

This presentation is a follow-up to last year's thought-provoking "Stop Work" dis-

James R. Arends, AIA, LEED AP, VP and Regional Healthcare Services Manager-Midwest Region, Gilbane Building Company

Brenda M. Bush-Moline AIA, LEED AP, Associate Principal, VOA Associates Incorporated

Samuel Essak, VP and Partner, Hammes Company

Richard Galling, President and COO, Hammes Company

Terrie P. Sterling, COO, Our Lady of the Lake Regional Medical Center

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Architects: The Symposium is an AIA Registered Provider. Attendees may earn 1 Learning Unit per educational hour. At least half of the 2010 program qualifies for Health, Safety and Welfare (HSW) credits. You can get all 8 of your HSW credits for the year!

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### **TUESDAY, SEPTEMBER 14, 2010**

Join us as we will break out of traditional lecture sessions for four interactive roundtable discussions. These sessions will be led by industry experts and give attendees the opportunity to participate in a lively dialogue on some important topics facing our industry today.

10:00 a.m. - 11:00 a.m.

### HIPAA Privacy: Obama's New ARRA at the Bedside

Last December, the administration's ARRA and HITECH Act resurrected HIPAA, imposing a "noexcuses" policy and \$1.5MM fines. But taking HIPAA literally means hospitals will never fully comply and breaches will be in the best interest of patients. Susan Mazer challenges you to consider how the design and maintenance of your facilities is a major key to complying with the intent of HIPAA Privacy while enabling communication among doctors and nurses. Then, David Sykes invites you to consider the "carrot and stick" in the new 2010 AIA/ASHE Guidelines for Design and Construction of Health Care Facilities (drafted by Mr. Sykes' ANSI committee and published in January). The guidelines contain the first precise, measurable HIPAA Privacy criteria for enforcing the oral communication requirement. How do they work? What are the incentives for HIPAA compliance beyond avoiding fines and penalties? What is the relationship between LEED and HIPAA?

Susan E. Mazer, President/CEO, Healing HealthCare Systems, Inc.

David M. Sykes, Co-chairman, ANSI S12 WG44 - healthcare acoustics

#### 11:15 a.m. - 12:30 p.m.

# Transforming Operational Flow with an EHR-Based Control Center

A recent newspaper article stated: "In the world of technology, inventors are hailed as heroes. Yet it is more subtle forms of innovation that typically determine the impact of a technology in the marketplace and on society." Clever engineering, smart business models and favorable economics are the key ingredients of widespread adoption and commercial success. Electronic medical records (EMR) can help curb costs and improve care. EMR is about a single, ubiquitously accessible patient record, but serving as a platform for process flow of patient orders, it becomes a powerful tool by eliminating unnecessary steps in the care process. This session will discuss the how to load EMR into your facility from planning the implementation and required infrastructure and systems integration opportunities. It will discuss a new LEAN based concept an EMR based centralized Control Center that can be used to improve throughput and take care to a more cellular based delivery mode.

Tom Leonidas. Jr., PE, Vice President, Healthcare Practice Leader, Sparling

David Patchin, Dir. of Construction, Florida Hospital

**Grant Ramsay**, *Principal*, *Director of Technology Design*, *X-nth* 

Karla Schnell RN

### 2:15 p.m. - 3:15 p.m.

### Designing and Specifying Environments Responsive to the Bariatric Patient

Hospitals and healthcare facilities will need to accommodate the rising number of obese patrons supporting dignified care that is effective and safe for both patient and provider. The 2010 Edition of the Guidelines for Design and Construction of Health Care Facilities (FGI Guidelines) presents new guidelines for designing bariatric patient environments. This presentation will introduce pertinent statistics and facts on obesity and bariatric care as it relates to designing healthcare environments, present research on safe handling and design implications for accommodating obese patients, and review the new bariatric guidelines from the 2010 FGI Guidelines for the design of safe and healthy environment. A presentation illustrating successful design of patient environments and products that accommodate obese patients will provide real solutions.

Debra Harris Ph.D., RAD Consultants

### 3:30 p.m. - 4:30 p.m.

### Influence of Noise and Vibration in the Healthcare Facilities

Excess noise and vibration have adverse effects on patients, staff, and profitability of healthcare facilities. They have negative influence on patients' overall wellbeing while they have sources of distraction and fatigue for staff. Today's medical facilities rely on high-tech imaging equipment and operating rooms that are very sensitive to floor vibrations. One of the main sources of revenue for most medical facilities depends on properly functioning imaging and operating rooms. The presenters will provide information on the importance of noise and vibration, their root causes, preventive and reactive measures, and consequences of doing nothing.

Dr. Daryoush Allaei, Director of R&D, QRDC, Inc. John G. Reiling, M.H.A., M.B.A., Ph.D., President/CEO, Safe by Design

Jon C. Scholz

David Tarnowski, VP of Operations, QRDC, Inc.,

### TUESDAY, SEPTEMBER 14, 2010

10:00 a.m. - 11:00 a.m.

### Children's Memorial Hospital: Sustainable Steel Construction with BIM

#### **LEARNING OBJECTIVES:**

- Learn the advantages of building with steel—fast schedule, offsite fabrication, low cost, and efficient framing systems.
- Realize the inherent sustainable characteristics of structural steel and see what the future of the sustainable movement may look like.
- See how Children's Memorial used BIM and IPD to achieve the world's tallest children's hospital ahead of schedule and on track to be LEED certified.
- Lanny J. Flynn P.E., S.E, Principal, Magnusson Klemencic Associates
- Monica Stockmann, Upper Midwest Regional Engineer, American Inst. of Steel Construction

# LEED-ership and Collaboration— Achieving LEED-Gold on a Tight Budget

**LEARNING OBJECTIVES:** 

- Understand challenges and opportunities in LEED certification in a healthcare setting.
- Evaluate the pros and cons of seeking LEED certification.
- Understand that sustainable design is affordable, if you start early in the process, and employ a collaborative approach.
- Specify successful sustainable design strategies that have little to no financial impact on a project.
- Nate Curell, Brown County Facility Engineer, Brown County Facility and Park Management
- Todd Paider, Boldt
- George Strand PE, Horty Elving
- Jeri Zuber AIA, LEED-AP, Chief Executive Officer, Horty Elving

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# Limited Options? Integrated Team Process Makes Strategic Objectives Work

#### **LEARNING OBJECTIVES:**

- Assess the challenges in developing in emerging and environmentally-sensitive areas.
- Learn the benefits of an integrated team approach and public private partnerships to addressing limited options and changing program needs.
- Benchmark Cleveland Clinic's Twinsburg campus, LEED-designed, supporting wellness, preserving wetlands, minimizing impact on environment.
- Learn innovative solutions: match business to budget; sustainable development; plan for future; project delivery.
- Philip LiBassi AIA, ACHA, Principal, Westlake Reed Leskosky
- Brian Smith, Director, Strategic Project Development, Cleveland Clinic Foundation

# Caring for our Parents: Leon Medical Centers Case Study

**LEARNING OBJECTIVES:** 

- Understand the LMC model of care and how it varies from traditional ambulatory care.
- Learn the unique needs of the Hispanic geriatric population.
- Understand the importance of utilizing workload data to define patient flow and space needs.
- Learn how a collaborative approac
- Rolando Conesa AIA, Principal, MGE Architects
- Deborah Groner D'Agostino FACHE, President, P4H, Inc.
- Aristides Pallin, Chief Operating Officer, Leon Medical Centers

### **Executing the Leap to Generative Space**

**LEARNING OBJECTIVES:** 

- · Learn what Generative Space is.
- Discover where Generative Space can be applied
- See the benefits of Generative Space.
- Learn can you make your space Generative.
- Heather Fennimore, President, North America, Humanscale
- James Lesslie, President, BOLYU Contract

### **Evidence Based Design Approach-Patient Care Units in United Arab Emirates**

**LEARNING OBJECTIVES:** 

 Learn specific Evidence Based Design principles applied at Danat Al Emart.

- Understand how a successful design is informed by local and regional social and cultural expectations and EBD strategies.
- Evaluate the impact of the integration of EBD principles with privacy expectations and hospitality design strategies on patient care unit design.
- Understand how defining specific local and regional hospitality expectations influence hospital experience design.
- Rick Franz, AIA, ACHA, LEED GA, Vice President, HKS Architects, P.C.
- Steven G. Jacobson AIA, LEED AP, Principal, HKS Architects, P.C.
- Carol Johnson Kartje, AIA IIDA, LEED AP, Vice President, Director of Interior Design, HKS Architects, P.C.

# 3 Turning Points Shaping Healthcare Environments and the Direct Response

**LEARNING OBJECTIVES:** 

- Understand three external drivers having significant impact on the design of healthcare facilities.
- Review competing concerns and objectives from clinicians, designers and environmental service staff.
- Discuss the evolution of healthcare environments based on changing regulatory requirements and technology.
- Evaluate practical applications and design strategies within a hospital facility.
- Collin L. Beers AIA, Principal, Stantec
- Susan A. Duchman MBA, BSN, RN, Vice President of Operations/CNO, The Williamsport Regional Medical Center Susquehanna Health
- Marc Fahringer, District Manager, Aramark Healthcare

### ROUND TABLE: HIPAA Privacy— Obama's New ARRA at the Bedside

**LEARNING OBJECTIVES:** 

- Identify three building factors that impact privacy and confidentiality.
- Discover three facility modifications that will improve patient privacy.
- Learn three risk factors related to patient privacy and confidentiality.
- Define the balance between privacy and accessibility.
- Susan E. Mazer, President/CEO, Healing HealthCare Systems, Inc.
- David M. Sykes, Co-chairman, ANSI S12
   WG44 Healthcare Acoustics

### 11:15 a.m. - 12:30 p.m.

# **ROUND TABLE: Transforming Operational Flow with an EHR-Based Control Center**

- Neal Boothe, Vice President, X-nth
- Tom Leonidas, Jr., PE, Vice President, Healthcare Practice Leader, Sparling
- David Patchin, Director of Construction, Florida Hospital
- Grant Ramsay, Principal, Director of Technology Design, X-nth
- Karla Schnell RN

# The New Normal in Facility Design: Value-Driven Planning

**LEARNING OBJECTIVES:** 

- Find out how to partner with outside companies.
- Identify methods to incentivize staff in critical decision-making.
- See how to interpret consumer data for healthcare services.
- Learn the do's and don'ts from actual case studies.
- Jennifer Christmann, Assistant Director of Facilities Planning & Development, University of Kentucky Healthcare
- Tim Marcum, Director of Planning, Baptist Hospital East
- Steve Wiser, Director of Healthcare Design, IRA Architects

# LongWave: Experiences in Integration Alignment and Problem Solving

- Learn how to distinguish between environments of transactional cooperation and relational collaboration.
- Discover how to develop environments of trust to increase performance and innovation in multidisciplinary team environments.
- See how to utilize deep collaboration to explore and multiply opportunities, optimizing the benefits of the team as a whole more that the sum of of its parts
- Learn how to produce superior results by developing solutions that optimize the value proposition over perceived interests of individual team members.
- Clay Goser, President, Symphony LLC

Please visit
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and to review expanded information
on all sessions.

# The "Medical Home Model of Care": A Prescription for Change

**LEARNING OBJECTIVES:** 

- Learn from an assessment of an example medical home model in operation for over five years.
- Discover work flow processes, environmental enhancements or other implementation issues.
- Learn about specific care improvements and outcomes along with challenges and solutions that occurred over time.
- Get an outline to begin discussions about the implications, challenges, and benefits of the medical home within their organizations.
- Linda Haggerty, AAHID, LEEP AP, Principal, Steffian Bradley Architects
- Wilson Mertens MD, Medical Director, Cancer Services, Baystate Health Systems
- Roberta Young, Lt. Col. (Ret.), BS, MA, Principal, Sterling Planning Alliance

### Master Planning Seismic Compliance and a Sustainable Design Direction

**LEARNING OBJECTIVES:** 

- Learn techniques for flexible healthcare campus master planning.
- Discover solution opportunities when faced with financial obstacles.
- Identify opportunities for sustainable design, education and research.
- Learn techniques for integrating regulatory agencies into innovative design solutions.
- Michelle Malone Keith, MPA, Executive Director, Hospital Construction & Plant Operations, Salinas Valley Memorial Healthcare System
- Douglas Strout AIA, LEED AP, Principal, Director of Healthcare, Kaplan McLaughlin Diaz

### Trends in NICU Design: Single Patient Room Model for Multi-Level Care

**LEARNING OBJECTIVES:** 

- Review key trends in NICU Design including concepts in lighting, color, and acoustic design.
- Learn ways to apply Evidence Based Design in NICU Design.
- Explore the NICU Single Patient Room model and realize ways that it can translate to flexible designed NICU.
- Understand ways to translate these key trends into thoughtful NICU design.
- James A. Cook M.D., Director, Neonatology, Geisinger Health System - Janet Weis Children's Hospital
- Catherine L. Gow AIA, Principal Health Facilities Planning, Francis Cauffman
- Eric Lautzenheiser AIA, ACHA, Senior Healthcare Planner, Francis Cauffman

### Safety: The New 40—Driving Behavioral Healthcare into the Future

- Explore the factors that are driving the explosion in the redevelopment of behavioral healthcare facilities across North America.
- Learn the importance of safety as one of the preeminent factors shaping how behavioral healthcare will be delivered in a more effective environment.
- Understand different attitudes and approaches towards safety around the world to better understand the existing possibilities in our own environments.
- Discuss new guidelines for planning and designing behavioral healthcare facilities.
- Yuri Ma, Planning Advisor, Redevelopment, Centre for Addiction and Mental Health
- James Kent Muirhead AIA, Associate Principal, Cannon Design
- Timothy M. Rommel, AIA, RAIC, ACHA, Principal, Cannon Design
- Marisa Tacconelli-Termine, Director, Risk Management, Quality & Patient Safety, Centre for Addiction and Mental Health

# Nothing About Me Without Me—Success Strategies for Design with Owner Teams

**LEARNING OBJECTIVES:** 

- Understand the key attributes for successful user/ process group participants.
- Identify key educational framework to prepare users for the design process.
- Get tools to help owner teams make thoughtful and evidence informed decisions.
- Learn information needed for owner teams to design to their desired model of care.
- Mary Beck, DNP, RN, NE-BC, Vice President, Patient Care Services, Boone Hospital Center
- Carol Johnson Kartje, AIA IIDA, LEED AP, Vice President, Director of Interior Design, HKS Architects, P.C.
- Robert Piatek AIA, LEED AP, Associate Principal and Senior Vice President, HKS Architects, P.C.
- Terry J. Ritchey RN, BSN, MBA, Vice President, Manager of Clinical Solutions and Research, HKS Architect

2:15 p.m. - 3:15 p.m.

### How to Successfully Navigate Through a Statement of Deficiencies

- Gain knowledge of when a facility should take on SOD's on their own and when to contact an architect/engineering team.
- Learn how to assemble an appropriate team for creating the Plan of Correction.
- Learn how to categorize the extent of issues and prioritize resolutions.
- Learn how to coordinate the response with CMS, IDPH, and the facility. Explore strategies for implementing corrections.
- Mark A. Nichols AIA, LEED AP, Principal, Loebl Schlossman & Hackl
- Tim Vander Molen, President, Integrated Facilities Solutions, Inc.

### Getting Flexible Care Space Right for the Next Decade

LEARNING OBJECTIVES:

- Compare and contrast square footages to show how space was and can be reduced and allocated.
- Discover training plans that can be used to both prepare staff and get them on board with the new unit.

- Learn how to improve the patient experience and reduce capital costs with the Universal Care Unit.
- Analyze the keys needed to make the Universal Care Unit successful, from patient flow to proper staffing.
- Barbara Feske, Vice President, Our Lady of Lourdes Regional Medical Center
- Don Lemonds, Vice President and Senior Medical Planner, HOK

# Strategies for Improving Building Quality Functionality and Impact

**LEARNING OBJECTIVES:** 

- Learn how Sinai Health System has created an innovative process to assist their strategic planning processes.
- Understand how Healthcare Executives use the Design Quality Indicator (DQI) methodology to improve communication, efficiency and process improvements.
- Establish new ways to set capital expenditure priorities.
- Learn how to evaluate multiple stakeholder group input for use in the planning process for new and existing building projects.
- Alan Channing, CEO, Sinai Health System
- Rosalyn Ryan, Principal in Charge, DQI Healthcare, Inc.

# **Environmental Risks: An Approach to Repair without Compromising Care**

- Understand how environmental damage can pose a risk to immunocompromised patient populations and identify an innovative approach to plan for safe repair.
- Learn complexities of project monitoring in highrisk patient areas, and explore what environmental monitoring can reveal and how to interpret results.
- Explore a project management approach that has allowed for expedited repair, without compromising safety, while maintaining full clinical operations.
- Reviewing opportunities for better use of materials in a high volume high-risk setting.
- Farid Atrash, MHSc., CIH, ROH, Director/ Senior Consultant, OHE Consultants
- Rudy J. Dahdal MHSc.(HPME), Senior Manager, Princess Margaret Hospital
- Karen Stockton MHSc., CIC, Director, Infection Prevention & Control, University Health Network

#### **Healthcare Finance**

- Discuss/assess specific health care revenue streams.
- Understand the various health care reimbursement systems.
- See the impact that the current financial crisis has on health care financing (i.e. bonds, investment income, bad debt).
- Learn how to understand, and discuss the costs and value of their operations.
- Walter N. Vernon, IV, PE, LEED AP, Principal, Mazzetti & Associates
- Wendy M. Weitzner FACHE, The Innova Group

### Designing the 21st Century Hospital— The Cleveland Clinic Abu Dhabi

#### **LEARNING OBJECTIVES:**

- Learn how healthcare design and the architecture of a patient's environment measurably improves patient outcomes.
- Gain an introduction to the intangibles that heal the results are difficult to quantify, but these design features undeniably help save lives.
- Learn to assess the innovative sustainable design solutions that heal patients and allow for energy efficiency in an extreme climate.
- Examine how globalization and our intertwined world economy is changing the face of healthcare delivery—case study Cleveland Clinic Abu Dhabi
- Alexander Wu, VP & Director of Design, HDR, Inc.

# ROUND TABLE: Designing & Specifying Environments Responsive to the Bariatric Patient

### **LEARNING OBJECTIVES:**

- Discover knowledge related to obesity and bariatric patient populations for determining design direction for accommodating the obese patient.
- Understand research related to bariatrics and the design of environments supporting a safe and comfortable environment for patients and staff.
- Understanding the new bariatric guidelines as presented in the 2010 Ed. FGI Guidelines.
- See how to utilize design guidelines and experience to design and specify safe environments for patients and staff.
- Debra Harris Ph.D., RAD Consultants

# ESSENTIAL ELEMENTS: The "Must Have" Informational Toolbox to Better Serve the Healthcare Market Part I

- George Pressler, ACHA, FHFI, AIA, President, Planning Decision Resources, Inc.
- David F. Chambers, Director, Planning Architecture and Design, Sutter Health
- Deborah Groner D'Agostino, FACHE, President, P4H, Inc.
- Tony Freitas, Criterion Systems
- Annette L. Valenta, Ph.D., Professor and Department Head, University of Illinois at Chicago

### 3:30 p.m.- 4:30 p.m.

# Smart OR's of the Future—Merging Imaging and Surgery

**LEARNING OBJECTIVES:** 

- Technology overview of the last 20 years: How far have we come? What has changed? How has this effected facility planning, design and construction?
- Hybrid Operating Rooms and other multi-purpose rooms—what are the special challenges?
- Design considerations.
- How multi-purpose rooms effect clinical applications, building design, workflow, and information management.
- Terry Miller B.S., E.E., EVP and COO, Gene Burton & Associates

### The Top 100 Safer, Healthier, More Sustainable and Efficient Solutions for the Inpatient Care Environment

**LEARNING OBJJECTIVES:** 

- Explore building and room configuration solutions.
- Understand Functional and Operational Solutions.
- · Learn evidence-informed outcome solutions.
- Explore safety and sustainability solutions.
- Marty Waldron AIA, ACHA, Principal, GPL Principal in Charge, Anshen + Allen

# Innovations in ICU Design From Memorial Sloan Kettering Cancer Center

- Understand the spectrum of ICU activity in USA.
- Integrate enhanced connectivity and communications to track ICU data, technology, and people.
- Evaluate advanced approaches to controlling ICU privacy, infection control and logistics.

- Learn how to time synchronize diverse ICU systems and to enhance ICU efficiency and safety.
- Neil A. Halpern, Chief Critical Care Medicine, Memorial Sloan-Kettering Cancer Center

# BIM: Healthcare Facilities Forced to Drink from an (Informational) Fire Hose

### **LEARNING OBJECTIVES:**

- Discover implied and expressed contract risk allocation concepts.
- Identify implementation issues—why owner's and contractors want to use BIM.
- Learn how to evaluate and assess cost factors.
- Understand the affect on bond claims and what owner's need to know.
- Andrew Englehart, President, Construction Process Solutions, Ltd.
- Eric Kohls, CPC, LEED AP, Director of Project Specific Support Services, Construction Process Solutions, Ltd.
- Timothy Schap AIA, COO, Construction Process Solutions, Ltd.

# ESSENTIAL ELEMENTS: The "Must Have" Informational Toolbox to Better Serve the Healthcare Market Part II

- George Pressler, ACHA, FHFI, AIA, President, Planning Decision Resources, Inc.
- Susan Black, Principal and Director, Perkins Eastman Black Architects Inc.
- Orest Burdiak, Principal Interior Designer, Department of Veterans Affairs
- Dave Kievet, Group President, California Operations, The Boldt Company
- Ann McGauran, Architect/Project Manager, Vanderbilt Medical Center
- Russ Wenzel, Vice President, Healthcare, McCarthy Building Company

# From Disaster to Renewal: The Greening of the Greensburg Hospital

### **LEARNING OBJECTIVES:**

- Learn about managing a hospital through a crisis situation.
- See how to plan a hospital under extraordinary circumstances.
- Discover how to integrate a FEMA shelter within a hospital.
- Identify considerations for designing a LEED certified hospital.
- Tim Dudte, Project Manager, Health Facilities Group

- Steve Lewallen, President & CEO, Health Facilities Group
- Shanti Pless, Building Energy Efficiency Engineer, National Renewable Energies Lab (NREL)
- Mary Sweet, Administrator, Kiowa County Memorial Hospital

### San Antonio Medical Military Center— Rethinking Planning and Design

#### **LEARNING OBJECTIVES:**

- Learn how the USACE's choice of delivery methods for large complex medical centers is evolving and what to expect going forward.
- Hear why pre-established project parameters were challenged and eventually changed to further consolidate an already efficient two-campus integration.
- Understand ways consultant teams can successfully navigate the labyrinth of building criteria that multi-agency collaborations can generate.
- Discover the engineering efficiencies and design solutions that were adopted to enhance sustainability and meet a LEED® Silver rating.
- Eurico R. Francisco AIA, LEED AP, Vice President, RTKL Associates Inc.
- Jonas McBride, Vice President, Smith Seckman Reid
- H. Alan Sneed AIA, NCARB, CSI, Principal, RTKL Associates Inc.
- Lt. Col Jonathan R. Sylvie, Central Texas Program Manager, U.S. Army Health Facility Planning Agency

### **ROUND TABLE: Influence of Noise and Vibration in the Healthcare Facilities**

- Learn how important noise and vibration are to your customers, patients, and staff.
- Learn how reduced noise and vibration could be a cost reduction measure resulting in increased profit.
- Understand the preventive and reactive measures and their influence on healthcare facilities.
- Acquire cost effective ways to address these dynamic issues.
- Dr. Daryoush Allaei, Dir. of R&D, QRDC, Inc.
- John G. Reiling, M.H.A., M.B.A., Ph.D., President/CEO, Safe by Design
- Jon C. Scholz
- David Tarnowski, Vice President of Operations, QRDC, Inc.,

### WEDNESDAY, SEPTEMBER 15, 2010

8:00 a.m. - 9:00 a.m.

### Freestanding Pediatric ED: Anticipated and Now Proven Results

- Jane Peters, AIA, ACHA, LEED® AP, VP, Senior Architectural Designer, Karlsberger
- Nancy C. Zahradnik, MSN, RN, CEN, NE-BC, Clinical Director, Emergency Department, Cincinnati Children's Liberty Campus

# One Size Doesn't Fit All: The Nature Art Myth in Evidence Based Design

**LEARNING OBJECTIVES:** 

- See an overview and critical analysis of literature on evidence-based art.
- Dispel some common myths about evidence based visual art.
- See examples of appropriate and inappropriate application of evidence-based guidelines.
- Discuss the scope of abstract art in healthcare environments
- Kathy Hathorn, CEO & Creative Director, American Art Resources
- Upali Nanda Ph.D., VP Director of Research, American Art Resources

# Impact of Healthcare IT: Empowering Patients and Staff Through Technology

**LEARNING OBJECTIVES:** 

- Discuss that state of healthcare in America today, as well as top issues, goals and legislation affecting healthcare organizations.
- Discuss and evaluate the top technological issues and uses of technology in the patient care environment, including EHR.
- Discuss advantages, disadvantages, applications, and desired outcomes of the technologies will also be reviewed.
- Learn about specific cases that look at the integration examples and opportunities of these technologies today and in the future.
- Rebecca G. Hathaway RN, MSN, Senior VP Healthcare, HMC Architects
- Nathan T. Larmore, Principal & IT Architecture Practice Leader, Sparling

### **The Journey Continues**

LEARNING OBJECTIVES:

- Learn how well intended regulations have led to a universal call for Culture Change in our long term care industry.
- Identify how small operational changes in conjunction with minor facility renovations will improve the quality of life and well being for residents.
- Analyze three examples of combined architectural and operational applications of Culture Change to existing facilities.
- Discover how architects, operations, and residents are all part of a trinity when applying Culture Change during renovations
- Cathie Coleman, Life Enhancement Specialist, The MediLodge Group
- Nelson Keeler, CAD/IT/Project & Business Development Manager(s), JW Design Architectural Studio

### Greening Healthcare with Geothermal: Two Case Studies

**LEARNING OBJECTIVES:** 

- Learn why acute care hospitals are such a good geoexchange application.
- See how to save millions of gallons of water each year with this approach.
- Discover how to eliminate a major infection control problem from your hospital.
- Find out how to benefit from net positive cash flow by financing a geoexchange project.
- Matt Ebejer, PE, LEED® AP, Vice President, West Regional Manager Healthcare-Health Sciences, Syska Hennessy Group, Inc.
- William Scrantom PE, Senior Vice President, National Director Healthcare-Health Sciences, Syska Hennessy Group, Inc.

### Kellogg Cancer Center: A New Model for Collaborative Cancer Treatment

- Review the programmatic requirements for multidisciplinary cancer care, including clinical pods to treat different types of the disease.
- Discuss the costs/benefits of locating an outpatient center adjacent to an inpatient hospital with regards to efficiency and sharing of resources.
- Learn about innovative ways to create patientfocused environments when daylight is scarce.
- Learn about the role of pharmaceutical and psychosocial oncology in the treatment of cancer.

- George Carro, PPh, MS, BCOP, Senior Director, Oncology Pharmacy Services, NorthShore University HealthSystem
- Walter L. Eckenhoff FAIA, ACHA, Principal, Eckenhoff Saunders Architects
- Christine Van De Wege MA, FACHE, Senior Director, Kellogg Cancer Centers, NorthShore University HealthSystem
- Tim Vander Molen, President, Integrated Facilities Solutions, Inc.

## Lighting Rx: A Panacea for Hospital Facilities and Population Stimulation

#### **LEARNING OBJECTIVES:**

- Learn the basics of how to correctly utilize appropriate lighting to make health care spaces better for the people in them.
- See successful examples of "pretend day lighting" and realize how to integrate many techniques to "bring the outside in" for the well being of all.
- Gain perspective from facility architect/interior designer and lighting pro discussing the difficulties and successes of integrated light effects.
- Understand how maintenance and management can happily coexist when components are standardized; up-keep is streamlined; and projects arrive on budget.
- Ardis Hutchins AIA, IIDA, Interior Architect, UW Hospitals and Clinics
- Steven L. Klein, LC, IALD, IESNA, President, Klein Lighting, LLC

### Speaking of Healthcare Interface...What About Foodservice?

### **LEARNING OBJECTIVES:**

- Understand the extent that a healthcare foodservice is an essential "touch point" for guests and patients and as staff satisfaction.
- Hear a panel discussion of an experience of a renovation designed with retail sales and patient room service. Discussion of the design goals outcomes.
- Learn from a panel discussion of a corporate brand/ multiple venue with an adaptive design plan and how it was instituted at Ft. Hood, TX medical center.
- Hear a panel discussion of a renovation that involved a cook/chill or other type of patient feeding system.
- Maj. Kim Brenda, Director, Nutrition Care Division, Carl Darnell Army Medical Center
- Sheryl Searle, Foodservice Director, Independence Regional Health Center (HCA)
- Maria Worley, Director, Business Development, Inman Foodservice Group

### 11:00 a.m. - 12:00 p.m.

# Rehabilitation Facilities: Taking Healing Design to the Next Level

### **LEARNING OBJECTIVES:**

- Identify innovative multi-sensory design strategies, planning solutions, and construction details to help patients navigate clinical environments.
- Discover the benefits to facility wayfinding for the general population when specific disabilities, such as vision impairment, are taken into account.
- Explore the potential synergies among seemingly contradictory patient needs when divergent treatment modalities must be addressed in tandem.
- Learn how the environment can support a patient's mobility and/or sensory impairments without reinforcing a reliance upon environmental crutches.
- Christopher Downey RA, Architect, Smith-Group
- Debra Gitter RN CRRN, Nurse Manager for Rehabilitation Services, VA Palo Alto Health Care System
- Eric Meub AIA, LEED AP, VP, SmithGroup
- Natale Ward, Assoc. AIA, Designer/Planner, The Design Partnership, LLP

# How Design Reinvented Cooper University Hospital

- John L. Capelli, Principal, EwingCole
- Jeffery N. Yarmel, Senior Executive Vice President and COO, Cooper University Health System

# Integrated Program Delivery for the \$1.27B New Parkland Hospital Campus

- Understand how best practice program controls processes can be enabled with integrated technologies for a large capital program.
- See how integrated BIM can enable more accurate cost and schedule management, construction estimates and facilities management.
- Understand how a web portal can enable secure program collaboration for all design and construction parties.
- Learn how the use of these tools and an integrated project delivery model is a road-map for success
- Hank Adams AIA ACHA, Vice President, Healthcare Principal, HDR
- Patrick M. Casey AIA, Senior Program Controls Manager, Parkland Hospital and Health System

### SPECIAL EVENTS

- Aubie Nanning Ph.D., Senior Systems Analyst, CH2MHILL/CRITIGEN
- Shelly Sipes, PMP, Easter Regional Manager -Enterprise Collaboration Solutions, CH2MHILL/CRITIGEN

### 11:00 a.m. - 12:30 p.m.

# Imaging Suite Design: Shielding, Safety and Throughput.

- Dr. David W. Jordan DABR, Ph.D., Senior Medical Physicist, West Physics Consulting, LLC
- Robert P. Junk, AIA, AHRA, Principal, RAD-Planning

### How To Effectively Manage a Multi-Owner Joint Venture Medical Project

#### **LEARNING OBJECTIVES:**

- Learn how to establish efficient communication protocols and project approvals between multiple stakeholders and owners.
- Explore the design challenges of developing a new building within the context of an urban medical campus transformation.
- Learn how to implement cost control measures and allocate project costs in a dual ownership.
- Gain insight into lessons learned on effectively dealing with real estate ownership rights and regulatory compliance issues.
- Jerry Johnson, Design Principal, Perkins+Will
- Mick Metzger, Project Executive, Pepper Construction
- Michael F. O'Keefe, Director, Navigant Consulting
- Dennis Viellieu, CEO, Midwest Orthopaedics at Rush

### Psychiatric Facility Design: An International Tour

#### **LEARNING OBJECTIVES:**

- Learn strategies for applying the "healing environment model" to behavioral health facilities.
- Understand how demographics and culture impact and differentiate the design of mental health facilities.
- Learn to balance risk management while maintaining as homelike atmosphere.
- Hear lessons learned when designers propose "first of it's kind" facilities.
- Deborah Groner D'Agostino FACHE, President, P4H, Inc.
- Brian Bertrand, Principle, EBHW Architecture Inc.

- Fiona de Vos, Owner, De Vos Associates
- Francis Murdock Pitts FACHA, AIA, OAA, President, architecture+
- Marc Shaw AIA, LEED AP, Principal, EYP Architecture & Engineering

### Vision, Strategy & Research— Triple Success Factors

#### **LEARNING OBJECTIVES:**

- Hear how to establish an organizational strategic vision that is transformed through both social and physical means.
- See the application of action research strategies including behavioral mapping, observation, questionnaires, programming and reflective study.
- Develop skills for comparison evaluations assessing the effectiveness of design decisions for human users.
- Establish strategies in how a facility can engage its community with regard to demonstrating respect for their clients
- Tama Duffy Day, FASID, IIDA, LEED AP, Principal and National Interior Design Healthcare Practice Leader, Perkins+Will
- Nancy Sanger Pallesen, Executive Director, Arlington Free Clinic
- Mardelle McCuskey Shepley, D. Arch., Professor of Architecture and Director, Texas A&M University Center for Health Systems & Design

### 1:30 p.m. - 3:00 p.m.

# The Why's and How's of Including Operations Redesign in the Architectural Process

- Evan Giovanello MPH, Senior Operations Engineer, Performance Improvement, Vanderbilt Medical Group, Vanderbilt University Medical Center
- Ann McGauran, Senior Operations Engineer, Performance Improvement, Vanderbilt University Medical Center
- Ingrid Meszoely MD, Asst. Professor Surgical Oncology, Clinical Director for Vanderbilt Breast Center, Vanderbilt University Medical Center
- Jeffery E. Morris, AIA, NCARB, EDAC, LEED AP, Division Vice President of Healthcare Design, Gresham, Smith and Partners
- Janice M. Smith, RN, M.Ed., Chief Administrative Officer of Vanderbilt Health One Hundred Oaks, Vanderbilt University Medical Center

# Health Design Leadership as the Tool for Successfully Integrating Care, Environment, and Health

- Learn how the vision was co-created by the hospital in partnership with community arts agencies.
- Hear how the arts program became a bridge to setting goals for the physical environment.
- Learn how the building can be a venue for coherence of messages and how an arts program assists in both organizing and presenting the messages.
- Learn how philanthropy both leads and benefits from all of these activities.
- Patricia J. Grazzini, Deputy Director, Minneapolis Institute of Arts
- Mic Johnson AIA, NCARB, Design Principal, Ellerbe Becket, an AECOM Company
- Theresa Pesch, Executive Director, Children's Foundation, Vice President, Development Children's of MN
- Annette Ridenour, Pres. & CEO, Aesthetics Inc.

### American Healthcare 2010 and Beyond: Navigating a Decade of Turbulence

- Visually review the last 200 years of American healthcare and experience the accelerating speed of innovation, in a stunning multi-media opening.
- Explore the impact of new technology and treatments on our aging population—the connection between the leading causes of death and the cost of longevity.
- Learn why hospitals should think of their array of services as an investment portfolio, which must be regularly and boldly rebalanced.
- Define the real timeline for major healthcare reform, the loss of America's AAA bond rating, Medicare's insolvency, and other key crisis points.
- Marc Sauvé, MBA, Senior Healthcare Strategist, Gresham Smith & Partners

# The Vertical Healing Garden: Ann & Robert H. Lurie Children's Hospital

**LEARNING OBJECTIVES:** 

- See clinical outcomes supported by healing gardens and the unique solutions to evidence based design requirements.
- Discover successful Owner and Board collaborations in securing the necessary resources and talent to bring unique program spaces to a hospital.
- See how healing gardens, which enhance the hospital experience for patients, staff and visitors, can be woven into unique spaces.
- Hear the challenges that healing gardens pose to the construction process and how they are budgeted.

- Sue Ann Barton, AIA, LEED AP, Principal, ZGF Architects LLP
- Sean Bowker, Senior Project Manager, Mortenson/ Power J.V.
- Mikyoung Kim, President, Mikyoung Kim Design
- Bruce Komiske, Chief New Hospital Project, Childrens Memorial Hospital
- Martin F. Wolf, FAIA, Principal-in-Charge of Design, Solomon Cordwell Buenz

# Improving Healthcare Logistics with Advanced Material Handling Technologies

**LEARNING OBJECTIVES:** 

- Review the general flow of materials in the facility and describe how this material flow was analyzed/ quantified before starting the project.
- Review the financial analysis and business cases used for justifying the projects which provided an acceptable return on investment.
- See the benefits that these systems deliver to the hospital and how operations for employees has changed.
- Identify special challenges that had to be overcome, including the cultural changes which allowed hospital staff to effectively utilize these systems.
- Patrick J. Conway, Director, Product Development, JBT Corporation Automated Systems
- Eileen M. Dwyer MS, RN, Director, Office of Transformation, Rush University Medical Center
- Craig L. Miller CCM, Senior Project Manager, Jacobs
- Harry Pliskin, President, TransVac Systems, LLC

### Transforming Primary Care Health with "Generative Space"

- Hear about improved outcomes from the use of generative space in primary healthcare.
- Learn about improving the patient journey through healthcare.
- See how to broaden the definition of health by linking health, social inclusion, and education together.
- Hear how to create a new paradigm for leadership in primary healthcare.
- Fintan Duffy, Architect
- Cormac Johnston, General Manager, Waterford Health Park
- Dr. Mark Rowe, Rowe Creavin Medical Practice

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# Activating a New Healthcare Facility with Confidence—A Case Study

#### **LEARNING OBJECTIVES:**

- Understand the importance that a well developed project structure plays in the successful activation of a new healthcare facility.
- Appreciate the time, effort and resources required in effectively planning and carrying out a successful healthcare facility activation initiative.
- Comprehend and visualize many of the processes and tools that were employed throughout the course of the planning and move initiatives.
- Benefit from lessons learned from some of the most common mistakes made in the activation planning and execution of a new healthcare facility.
- Robert Klasek, Vice President, Facilities Management, Northwest Community Hospital
- Diane Rodriguez, Executive Director for Transition Planning, Northwest Community Hospital
- Pat Stack, Vice President Transition Planning, Northwest Community Hospital
- Stephen Straka, Principal, CSC

### The Nature of Healthcare

### **LEARNING OBJECTIVES:**

- Explore a holistic approach to green healthcare design with basic planning principles for practitioners and providers to establish goals.
- Evaluate the benefits of access to daylight and the natural environment against the requirements to design efficient, economical, adaptable buildings.
- Explore the integration of green roofs and gardens with various building types, occupants and age groups using case studies and research.
- Evaluate shared access to nature using post-occupancy and patient satisfaction surveys to understand patient privacy needs within shared amenities.
- Leon Drachman AIA, Principal, Payette
- Kevin B. Sullivan AIA, Principal, Payette
- Gordon Turow ASLA, Director of Campus Planning and Design, The Pennsylvania State University

### 4:15 p.m. - 5:15 p.m.

# Healthcare Design: The Nurse Executive, the Nurse Architect & the Nurse Expert

#### **LEARNING OBJECTIVES:**

- See the benefits of involving a nurse in healthcare planning and design—and expand upon three distinct nursing roles.
- Identify the specific responsibilities and benefits of including the Chief Nursing Officer on the design team.
- Explore the role of a nurse and hospital administrator in a healthcare design firm; and the demonstrable impact that can have on a design project.
- Understand the role of an expert clinician as an owners representative to the facility planning, design and construction process.
- Julie Barkenbush, CEO, Devenney Group Ltd., Architects
- Susie Faz-McCann RN, System Clinical Director, Design & Construction, Banner Health
- Marilyn Mariani, Chief Nursing Officer, Lakeview Hospital

### Developing a Strategy for Healthcare Organizations to Achieve Energy Independence

#### **LEARNING OBJECTIVES:**

- Learn about Gundersen Lutheran's quest towards energy independence.
- Understand supply-side strategies and the creative funding opportunities they represent, and which can be replicated in other places.
- Get a roadmap for development of an energy strategy.
- Understand demand-side strategies and the ways in which they can be applied to your facility.
- Walter N. Vernon, IV, PE, LEED AP, Principal, Mazzetti & Associates
- Corey Zarecki, Efficiency Improvement Leader, Gundersen Lutheran Health System

# Found Money: How an FHA Program is Financing Today's Healthcare Facilities

- Learn about FHA Section 242 mortgage insurance, HUD's requirements and the advantages as well as the challenges of this type of financing.
- Hear first hand the Owner, Financer and Designer perspectives—receive a candid description of the process and results of a such an effort.
- Compare your needs to 242 benefits—receive

- enough information from these experts to evaluate your own needs and potential benefits of this program.
- Gain an understanding of design issues related to FHA mortgage Insurance, and benefit of lessons learned, including input the team received from HUD.
- Rolf Haarstad AIA, LEED AP, Principal and Vice President, Hord Coplan Macht
- Steven R. Pack, President, Armadale Capital, Inc.
- Kimberly S. Repac, Senior Vice President/Chief Financial Officer, Western Maryland Health System

### West Side Story: Teamwork is Making UCSD's Cardiovascular Center a Success

### LEARNING OBJECTIVES:

- Identify innovative project delivery methods applicable to the public works sector and how to apply budget strategies in a lump sum low bid environment.
- Explore new and different ways to deliver projects.
- See how trust was promoted between the team members and what "trust" means in the cut-throat world of design and construction.
- Discover metrics that help satisfy objectives from all stakeholders.
- John R. Gavan, Managing Principal Los Angeles, KPFF Consulting Engineers
- Jay Leopold, Regional Manager, DRP Construction
- Randy Leopold LEED, Principal Architect, University of California San Diego
- Joe Ross, Vice President, X-nth

### THURSDAY, SEPTEMBER 16, 2010

8:00 a.m. - 9:00 a.m.

### Another Medical Gas Shutdown? Make the Next One Painless

#### **LEARNING OBJECTIVES:**

- Learn to distinguish the characteristics and uses of the most common medical gas and vacuum systems found within healthcare facilities.
- See how to create and manage an effective Interruption Plan.
- Learn how to effectively minimize the duration of the system interruption.

- Understand and implement a record keeping program to comply with NFPA 99 standards and to prepare for Regulatory Agency inspection.
- Tom Spremo, Executive Director, Med Gas Solutions
- Dave Stout, Director of Facilities & Engineering, Northwestern Memorial Hospital

# Wayfinding the Right Sign in the Right Place with the Right Message

### **LEARNING OBJECTIVES:**

- SITE & BUILDING CIRCULATION FLOW Existing signage - Exterior Circulation - Vehicular/ Pedestrian - Interior Circulation - Patients/Visitors
- TERMINOLOGY Master Terminology and hierarchy of messages Exterior for Site, Entrances, Parking Interior for Levels, Elevators, Depts.
- SIGNAGE DESIGN CRITERIA All Codes /ADA Size, colors, materials - Changeable vs. permanent -Fabrication - Vandal resistance, maintenance
- BRANDING Review of brand Determine opportunities to communicate institution's mission a.
   Donor b. Mission Statement
- Kim Cardosi, President, Cardosi Kiper Design Group

# Translating the Human Experience of Healing into Family-Centered Design

- Elizabeth Lewis M.Ed., Director Family Service and Resources, Children's Hospital of Pittsburgh of UPMC
- Roger Oxendale, Past CEO, Children's Hospital of Pittsburgh of UPMC
- Tim Powers, Senior VP, Healthcare, Astorino LEARNING OBJECTIVES:
- Learn how input from patients, families and staff informed the design process and enhanced both the healing process and facility.
- Learn how organizational structure and programming for families/children changed as a result of this process.
- Hear the early feedback that will be available from the patients and families who will begin to use the hospital they helped design.

## Long Term Acute Care Hospitals: Designing for Persons with Brain Injury

### **LEARNING OBJECTIVES:**

 Learn the challenges and successes in the renovation of an LTACH involving phased construction, changing patient volumes, and three types of patients.

### CONFERENCE

- Learn strategies to reduce anxiety and agitation of patients suffering from a neurological injury or disorder.
- Explore strategies to provide respite and reduce anxiety for family members affected by the impact of a loved ones life-changing accident.
- Learn key design drivers that affect patient safety in an environment where the patients are at risk for self injury.
- Beth A. Bohnsack BSN, MA, RN, Clinical Director, Brain Injury Services, Bethesda Hospital
- Christine Guzzo Vickery CID, Associate VP/Senior Interior Designer, HGA Architects and Engineers
- Peggy Ryden NCIDQ, Project Manager, Real Estate Services, HealthEast Care System
- Dennis Vonasek, Vice President/Principal, HGA Architects and Engineers

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

# NFPA 101 and IBC: Compatible or Conflicting Codes for Healthcare Projects

**LEARNING OBJECTIVES:** 

- Understand the major differences between NFPA 101 (Life Safety Code) requirements and International Building Coe (IBC).
- Identify areas of compatibility in the 2009 edition of IBC and NFPA.
- Identify the methods of resolving conflicts with the authorities having jurisdiction over the project.
- Learn to recognize options for resolving conflicts without adversely affecting the design
- Michael Crowley P.E., Senior Vice President, Rolf Jensen & Associates

# Nurses and Their Role in Shaping Acute Care Environments for Elderly Patients

LEARNING OBJECTIVES:

- Identify issues important in designing an Acute Care for the Elderly Unit.
- Learn how nurses and clinicians can influence the design of patient care spaces they work in.
- Learn how to interpret results from an evidence based design project.
- Hear lessons learned from the design of an Acute Care for the Elderly Unit.
- Ellen Barrington, MSN, RN, BC, Nurse Manager, Meridian Health - Ocean Medical Center
- Bhargav Goswami, Principal, WHR Architects

# LEED Gold Certification: It's More Than Just the Points—a Case Study

**LEARNING OBJECTIVES:** 

- Identify the steps to achieve LEED Gold certification.
- Understand how sustainable design holistically impacts the HC environment and yields a positive result for the facility patrons (patients/staff).
- Correlate how P3 (public private partnerships) can have impact in aiding in the development of sustainable facilities.
- Objectively measure the post occupancy impact/outcome of the LEED Gold certification on patients and care givers.
- Ryan Archer AIA, LEED AP, Design Architect/ LEED Coordinator, URS Corporation
- Richard Funnell, Senior Director, Oncology Program, Spectrum Health Lemmen-Holton Cancer Pavilion

### Return on Design—What are Your Metrics?

**LEARNING OBJECTIVES:** 

- Understand the synergy between capital, operations, environment and loyalty within a health care capital project.
- Learn how to establish and validate the connection of asset alignment to improve the care processes, patient experiences, staff retention and facility design.
- Delineate effective strategies, model and tools for sustainable Return on Investment, Return on Operations, Return on Design and Return on Loyalty.
- Understand smart team integration with valuebased design methodology.
- Tanya K. Hahn CPA, MBA, Senior Vice President, Lancaster Pollard & Co.
- Tony Ollman, Baker Tilly
- Jeffrey Remsik, President, Bottom Line Marketing & Public Relations
- Michael H. Scherbel AIA, NCARB, Partner of Healthcare Design, Plunkett Raysich Architects, LLP

#### Please visit

www.hcarefacilities.com/conference.asp to view sessions by day, track, time and to review expanded information on all sessions

### Tuesday, September 14, 2010

7:30 a.m. - 8:30 a.m.

### **Welcoming Continental Breakfast**

Kick off your 2010 HFSE experience by coming together with all your peers for the Welcoming Continental Breakfast. **Open to conference attendees only.** 

12:30 p.m. - 2:00 p.m.

### **Symposium Keynote Luncheon**

Open to conference attendees only.

4:30 p.m. - 6:00 p.m.

### Exhibition Hall Preview & Networking Reception

Keep the energy going from the first day of HFSE as you preview the exhibition hall. Lift a glass with friends, meet new ones and interact with your peers while visiting the exhibitors and learning about their newest products and services.

Open to conference attendees.

7:00 p.m. - 9:00 p.m.

### Symposium Party at the Swissôtel

Network with your Symposium Family while at the party at the Swissôtel. This is the "Can't Miss" event of your HFSE experience with food, music, and a raffle with some very special prizes with 100% of the proceeds going to the Rick Hansen Foundation. The foundation, founded by this year's keynote speaker, Rick Hansen, works to find a cure for spinal cord Injuries and improve the quality of life for those with SCI and related disabilities.



### Wednesday, September 15, 2010

7:00 a.m. - 8:00 a.m.

### **Continental Breakfast**

Open to conference attendees only.

7:00 a.m. - 8:00 a.m.

### **Morning Yoga**

Come stretch and get ready to be open to learning. Special attire not required.

Open to ALL attendees.

10:30 a.m. - 3:30 p.m.

### Ask the Speaker

Still have a question after the session is over? Some speakers will be available in the Ask the Speaker booth on the exhibition floor to answer your questions. Schedule of speakers participating is coming soon.

Open to ALL attendees.

10:30 a.m. - 3:30 p.m.

### **Learning Lounge on the Exhibit Floor**

Back by popular demand! HFSE is proud to announce the Learning Lounge will return for 2010. All attendees are welcome to attend these interesting and informative talks presented in an open theater on the exhibition floor. See page 16 for details.

Open to ALL attendees.

3:00 p.m. - 4:00 p.m.

### **Reception on the Exhibition Floor**

Visit the Exhibit Hall one final time this year. Enjoy drinks as you view new and exciting products and services and network with your peers.

Open to ALL attendees.

### Thursday, September 16, 2010

7:00 a.m. - 8:00 a.m.

#### **Continental Breakfast**

Open to conference attendees only.

### Tuesday, September 14, 2010

The highly esteemed Symposium Distinction Awards competition honors design teams and individuals who have made a profound contribution to the healthcare design industry. In addition, it recognizes the best and most innovative new products exhibited at the Symposium. Winners will be on display on the exhibition floor on Tuesday and Wednesday, September 14 and 15 during regular exhibition hours.

### THE SYMPOSIUM DISTINCTION AWARDS

#### **Award Categories**

- Team Award
- Product Awards:
- User-Centered Award

Individual Award

- Most InnovativeArchitects' Choice
- Most Sustainable
- Best in Show

Sponsored by:



To enter the 2010 Symposium Distinction Awards please visit www.hcarefacilities.com/awards.asp Entry deadline: July 9, 2010.

Open to ALL

Wednesday, September 15, 2010 • 10:00 a.m. - 4:00 p.m.

### The Care Studio Project™

### Presented by The Long Wave Group

Periodically in history, significant changes occur within an industry. These leapfrog events create long-lasting step changes which dramatically shape future direction. For healthcare, NOW is one of those times, and a powerful movement is underway!

LongWave Group™ is a self-assembled multi-disciplinary organization of industry leaders who have come together with the purpose of addressing the unsustainable model of healthcare by integrating advances in care concepts, built environment and technology.

The Care Studio Project™ and conference exhibit created by the LongWave Group™ will provide an interactive experience where your thoughtful questions are vital inputs to the process of innovating towards the ideal future state, characterized by dramatic improvements. Together, we will discover and identify synergies that will inspire business and help deliver the best solution to the key problem faced in healthcare.

LONGWAVE FOUNDING MEMBERS:





















TED JACOB ENGINEERING GROUP, INC

Wednesday, September 15, 2010







10:30 a.m. - 11:00 a.m.

### **Material Selection for Healthcare Design**

Dr. Marilyn Black, Founder, GREENGUARD Environmental Institute

11:15 a.m. - 11:45 a.m.

### Integrating Wireless Health Care Devices with the Clinical Environment reescale

Jon Adams, Director, Wireless Technology and Strategy, Freescale Victor J. Berrios, Manager, WCO Business Development, Freescale



12:00 p.m. - 12:30 p.m.

### **Antimicrobial Copper: Implications for the Healthcare Environment**

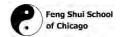
Harold Michels, Senior VP, Copper Development Association



12:45 p.m. - 1:15 p.m.

### Will LED Fixtures Replace Fluorescent Fixtures?

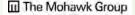
Andrew Meyers, Sr. Associate, Electrical Engineer, Mazzetti Nash Lipsey Burch



1:30 p.m. - 2:00 p.m.

### **Feng Shui Vital Signs for Healthcare Facilities**

Laurie Pawli, Director/Founder, FengShui School of Chicago



2:15 p.m. - 2:45 p.m.



### The Role of Flooring Selection and Maintenance on Infection Prevention





3:00 p.m. - 3:30 p.m.



Randy Cooper, President, CS&G



### The Exhibitors/Sponsors

More than 200 companies will be displaying their products and services on the exhibit floor. The following is a partial list as of May 14, 2010. Click here for an updated list: <a href="https://www.hcarefacilities.com/exhibitors.asp">www.hcarefacilities.com/exhibitors.asp</a>

**Active Power** 

Alcoa Architectural Products

Alliance Glass & Metal Inc.

Allied Mechanical Services, Inc.

ALS - Architectural Lighting

Systems

Altro Floor and Wall Systems

**Ambius** 

American Institute of Steel

Construction

American School & Hospital

Facility

Amico Corporation

**APCO Sign Systems** 

ArjoHuntleigh

Astro Pak

**Bahr Architects** 

Bartkowiski & McDonald, LLC

Bath Fitter

Biontech Co, LTD

The Blue Book

**BOLYU Contract Carpets** 

BremnerDuke Healthcare Real

Estate

Centiva by International floors

of America

Commissioning Agents, Inc.

**Construction Specialties** 

ConXtech Inc.

Cooper Signage & Graphics, Inc

Copper Development Assoc., Inc.

CPI Daylighting, Inc.

CRETESEAL

Demilec (USA) LLC.

Design Materials Inc.

Devenney Group LTD.

Digital Designed Solutions, Inc.

DuPont

**Eckenhoff Saunders Architects** 

EnerNOC, Inc.

Enovate

ETS - Lindgren

**Everbrite Lighting** 

EwingCole

EZ Way, Inc.

FacilityCare

FEC Heliports

Gate Precast Company

G + T Industries

Gerflor North America

Hays Fluid Controls

HealthForum/Health Facilities

Management

HEINE

**HGA** Architects and Engineers

HSI (Hospital Systems, Inc.)

Humanscale

HydroWorx International

IMEDCO America Ltd.

Innerface Architectural Signage, Inc.

**Innovative Construction** 

Management, LLC

InPro Corporation

Intego Systems, Inc

#### **EXHIBIT HALL HOURS:**

### Tuesday, September 14

4:30 p.m. - 6:00 p.m. (conference attendee preview)

#### Wednesday, September 15

10:00 a.m. - 4:00 p.m.

Integrated Medical Systems, Inc JE Dunn Construction

Jones + Cleary Roofing/Sheet

Metal

**Just Manufacturing Company** 

Kardex Remstar

Karndean International

Kenall Lighting

Kloppenberg

**KMD Architects** 

**KONE INC** 

Kwalu

Leopardo Construction

M Space Holdings, LLC

Marshfield DoorSystems

Matot, Inc.

Medical Construction & Design

THE Medical

Midmark Corporation

Milnor Laundry Systems Modular Services Co.

Molecular Imaging Solutions Inc.

Munters Corporation - MCS

Division

Nass Fresco Finishes

**Novak Construction** 

Parkland Plastics

Payette

PDi Communications

Perkins+Will

Pratt Design Studio

PureLine Treatment Systems

Ragnar Benson Construction

Rowe Transfer

RTKL Associates Inc.

SaniGlaze International

Schirmer Engineering Corp.

Service Master Restoration

Shannon Sales - Specialty Floors

SidePlate Systems

Sign Productions, Inc.

SimplexGrinnell

SixLog Corporation

THE SKY FACTORY

Skyfold

Smithereen Pest Management

Specified Technologies Inc.

Spectrim Building Products, LLC

STANTEC ARCHITECTURE

SurfaceWorks

Swanstone

**TAYLOR** 

Ted Jacob Engineering Group, Inc.

Tee Jay Service Company

ThyssenKropp Elevator

VYCON

Walsh Construction Company

Watermark Solid Surface

Wausau Window and Wall Systems

Welch Allyn, Inc

WHR Architects

WL Concepts & Production Inc.

WoodWorks for Non-residential

Construction

Wooster Products, Inc

WorkingBuildings

For information on exhibits and sponsorships, please contact Nancy Jo Hauck at 203-371-6322 or nj@jdevents.com

### PRE-CONFERENCE TOURS

Monday, September 13th, 2010 • 2:00 p.m. - 3:30 p.m.



### **TOUR 1: Chicago Architecture Foundation's Architecture River Cruise**

CAF's Architecture River Cruise spotlights over 50 historic and architecturally significant sites where you'll gain a new perspective of the city. Come aboard either of our well-appointed vessels, Chicago's First Lady, Chicago's Little Lady and Chicago's Fair Lady where open-air and indoor seating will add comfort to your journey. Snacks and beverages are available for purchase on board. Separate registration is required for this tour only. To register visit www.hcarefacilities.com for more information.

### POST-CONFERENCE TOURS

Thursday, September 16, 2010 • 11:30 am - 3:30 pm



### TOUR 2: The Midwest Orthopaedics Building at Rush University Medical Center

The design of the new Orthopaedic Ambulatory Building (OAB) at Rush University Medical Center (RUMC) powerfully expresses formal simplicity with careful attention to detail. The building is basically rectilinear in form with compositional variations that respond to site and environmental conditions. The building core and associated services were organized to the west to maximize dramatic views of the Chicago skyline for the building's occupants. The eastern face also has a distinctive curtain wall pattern that was designed in tandem with the new hospital across the street to form a gateway to the Rush campus. Sustainable strategies were incorporated throughout the building, including a green roof that covers nearly 50% of the roof and there by aids in the reduction of storm water run-off.



### **TOUR 3: Jesse Brown VA Medical Center**

Jesse Brown VA Medical Center's inpatient addition opened in May 2008 with 200 patient beds, seven operating rooms, a cystology room, inpatient dialysis center, SPD, outpatient surgical center and a chapel. The seven-floor, 224,000 square foot, "Bed Tower" was designed by two of the premier architectural and design firms in the world—Skidmore, Owings & Merrill and Ellerbe Beckett—and used input from 17 separate user groups comprised of VA employees that worked with the architectural firms for over a year to design a building that best met the needs of veterans and hospital staff.



The building's unique design allows it to fit in among existing buildings on the 13-acre urban medical center campus that includes a Veterans Benefits Administration regional office, a 1560-space parking garage and an energy center. The Bed Tower, constructed by Walsh/DeMaria Joint Venture, is environmentally friendly and utilizes recycled materials for woodwork and flooring, thermal windows for temperature control and a green roof that controls storm water runoff and returns oxygen to the atmosphere.



### **TOUR 4: Kellogg Cancer Center**

The new five-story, 50,000 square foot LEED-certified Kellogg Cancer Center on the Evanston Hospital campus enhances Kellogg s model of collaborative cancer treatment which offers a host of complimentary medical, social, and educational services in one location. The architect tailored the building as much to its location on a land-locked campus as to treatment delivery. Design drivers included clinical pods dedicated to different types of cancer, the importance of natural light, multiple patient privacy options, and the centrality of the pharmacy. The design team met with the center's oncology patient advisory board to explore the issues most important to those undergoing care.



Open to full conference attendees for an additional nominal fee.

Group Rates are available for groups of 3 or more.
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Click here to register online.
Use source code: HCEM9A

#### **DEADLINES:**

LATE ADVANCE

FARIYBIRD

Call 631-725-8645 for more into:	Through July 15	July 16 - Sept. 13	ONSITE Sept. 14 - 16
ALL ACCESS PASS (A1) INCLUDES: 2½ Days of Conference Sessions, 2 Days of Expo, Keynotes, Access to Online Presentations (Does not include Workshops or Tours)	\$995	\$1,295	\$1,495
PRE-CONFERENCE WORKSHOP (WS1) Leadership Forum—A Call to Action: Towards a New Paradigm in Healthcare Environments Monday, September 13, 1:00 - 5:30 p.m. Workshop not available with exhibit & keynote pass	\$295	\$395	N/A
POST-CONFERENCE WORKSHOP (WS2) The Care Studio™ Workshop Thursday, September 17, 11:30 a.m 3:30 p.m. Workshop not available with exhibit & keynote pass	\$100	\$100	N/A
FACILITY TOURS*  PRE-CONFERENCE TOUR:   Monday, Sept. 13, 2:00 p.m 3:30 p.m.   FT1: Chicago Arch. Foundation's Architecture River Cruise  POST-CONFERENCE TOURS:   Thursday, Sept. 16, 11:30 a.m 3:30 p.m. Select one only   FT2: The Midwest Orthopaedics Building at         Rush University Medical Center   FT3: Jesse Brown VA Medical Center   FT4: Kellogg Cancer Center  *Tours not available with exhibit & keynote pass	\$32 \$50 \$50 \$50	\$32 \$50 \$50 \$50	N/A N/A N/A N/A
EXHIBIT & KEYNOTE PASS (EK) INCLUDES: Exhibit Hall, Keynote, and Learning Lounge	\$0	\$o	\$50

### **HOW TO REGISTER:**

**WEB** www.hcarefacilities.com

**PHONE** 203-371-6322

FAX Download registration form from www.hcarefacilities.com and fax to 203-371-8894

MAIL Download registration form from www.hcarefacilities.com and mail to: HFSE c/o JD Events 5520 Park Avenue, Suite 305 Trumbull, CT 06611 Government and academic pricing is available by calling 203-371-6322

Are you a member of a sponsoring association? (See page 6.)

Call 203-371-6322 for your industry discount!

Cancellations received by July 16, 2010 will receive a full refund. After July 16 but before August 20 you will receive a full refund, minus a \$250 processing fee. After August 20 no refunds will be issued. Substitutions may be made at any time and without charge. All substitutions and cancellations must be submitted in writing to JD Events.

PLEASE NOTE: Show management reserves the right to qualify any and all attendees to its events. We reserve the right to deny access to any individual that does not qualify, at our discretion, as an industry professional. The Healthcare Facilities Symposium & Expo is a trade event and no one under the age of 18 will be admitted. JD Events reserves the right to provide qualified substitute speakers in the event of emergency, illness or other like event. If for any reason JD Events has to cancel a workshop or track session the attendee is still responsible for the full amount of their registration fee. JD Events will make every attempt to immediately notify registrants of any changes or cancellations.

Space in workshops and facility tours are on first-come, first serve basis. JD Events reserves the right to close registration for sessions if necessary.

HFSE has reserved a limited number of rooms at the Swissôtel. The deadline for these discounted rates is August 14, 2010. Please see **www.hcarefacilities.com/travel.asp** or call 888-73-SWISS (888-737-9477) for rates and reservation information. Please be sure to make your reservations early as rooms fill up quickly and are available on a first-come, first-served basis.







September 14–16, 2010 • Navy Pier • Chicago, IL www.hcarefacilities.com

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