



The Defining Event for the Entire Team Who Designs,  
Plans, Constructs and Manages Healthcare Facilities



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**PRE-CONFERENCE**  
October 1, 2012

**CONFERENCE**  
October 2-4, 2012

**EXHIBITS**  
October 2-3, 2012

**Navy Pier, Chicago, IL**

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For 25 years the Healthcare Facilities Symposium & Expo has been the forum where leaders share ideas on healthcare delivery improvement and how the physical space directly impacts the staff, patients and their families. Architects, Engineers, Facility Managers, Healthcare Administrators, Interior Designers and Construction Professionals alike come together as friends to collaborate, hear fresh perspectives, understand current trends and discover new products and solutions. Spend just three days at the Symposium and you will be inspired to evoke change and the advancement of a better delivery of healthcare.



**See the complete event schedule on pages 8-9.**

The Symposium Board works together to certify that educational sessions, special features and programs all provide the most relevant information and reflect the trends and issues of the healthcare design, construction and management industry.

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Corporate Vice President,  
Executive Director Institutional  
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TTG-PDR

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Founder and President  
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Architect, USA/Canada,  
Architecture for Special  
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##### **Bruce Komiske, FACHE**

Chief, New Hospital Design and  
Construction  
Children's Memorial Hospital

##### **Mary Anne Lukowicz**

Project Executive/LEED AP  
Power Construction Company,  
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Vice President, Healthcare  
HOK

##### **Mark T. Weiner, CSI**

New England Architectural &  
Industrial Account Executive  
The Sherwin-Williams  
Company

# Plans, Constructs and Manages Healthcare Facilities.

**The Symposium has educational sessions for every member of your team—below is just a small sample of what we offer:**

## ARCHITECTS & PLANNERS

- Creating Safe Patient Rooms: Design That Reduces Falls and Mitigates Risk!
- New Addresses From Forgotten Spaces
- As Real As It Gets: Simulation and Education

## CONSTRUCTION PROFESSIONALS

- Onward and Upward. Case Study of a Hospital Vertical Expansion Project
- Use of Lean Methodologies in the Re-Design of an Emergency Department
- Choosing the Right Construction Process for New Healthcare Development

## ENGINEERS

- Collaboration and Planning Tips for Replacing the “Heart” of a Hospital
- Collaboration Saves Resources at The Ohio State University Medical Center
- Building the Hospital of the Future: Making Smart Investments

## FACILITY MANAGERS

- Lower Operating Costs by Merging BIM + Facility Management + Operations
- Technology at the Bedside—It’s More than Nurse Call and an IV Pump
- Can You Afford Not To Retro-Commission Your Facility in These Lean Times?

## HEALTHCARE OWNERS

- The Continuing Development of the Clinical Liaison Role at Parkland
- National Healthcare Facilities Benchmarking Program
- Implementation of an Environment of Care Rounding and Data Collection Tool at a Ten Hospital Healthcare System

## INTERIOR DESIGNERS

- Oasis: Healing by Design Psychology
- Figurative Art in Healthcare Design: The Oncology Patient Perspective
- The Deconstructed Workspace for Medical Staff

**PLUS** there are countless Case Studies being presented by entire design teams featuring facilities such as Captain James A. Lovell Federal Health Care Center, Spaulding Rehabilitation Hospital, Humber River Regional Hospital, Lutheran Health Network, Anne & Robert H. Lurie Children’s Hospital of Chicago, Sentara Heart Hospital, Cleveland Clinic, Rush University Medical Center, and more!

**See pages 5–12 for more and be sure to visit [www.hcarefacilities.com](http://www.hcarefacilities.com) for the complete list and full descriptions.**

**HFSE offers GROUP DISCOUNTS for organizations and design teams.**

Contact Jennifer Vangele at 203-371-6322 for details on groups of 3 or more—you can save up to 20%!

Thank you to the following for the photos used in this brochure:

**Ann & Robert H. Lurie Children’s Hospital of Chicago:**  
Photography by Nick Merrick, Hedrich Blessing Photography

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**Earn up to 16 Continuing Education Units from these HFSE Partners:**



### Architects:

The Symposium is an AIA Registered Provider. Attendees may earn 1 Learning Unit per educational hour. For credit: Obtain a CEU form at the Information Desk onsite at the event. Keep track of the sessions you attend and turn in your form at the information desk at the end of the show.

At least 50% of the 2012 program will qualify for Health, Safety and Welfare (HSW) credits. That means that you can get all 8 of your HSW credits for the year at the Healthcare Facilities Symposium & Expo!!

**PLEASE NOTE:** Attendees may earn 16 continuing education units by attending one conference session in every time bank offered and a facility tour. Attendees who also register and attend the pre-conference work shop will earn an additional four continuing education units.



### Interior Designers:

IDCEC recognizes the Healthcare Facilities Symposium & Expo sessions as qualifying for continuing education credits. Each hour of educational content is equal to 0.1 CEU. For credit, obtain a form at the Information Desk onsite at the event, have your session(s) stamped by a room monitor as you leave each session and mail it to the address specified on the form.



### USGBC Education Provider:

Healthcare Facilities Symposium & Expo is a USGBC Education Provider and attendees can earn up to 16 GBCI CE hours at the 2012 event.



# Conference

Monday, October 1, 2012 • 12:30 PM - 6:00 PM

## PRE-CONFERENCE WORKSHOP Generative Space Boot Camp



The Generative Space Boot Camp is a hands-on, practical training course in gaining the simple actionable skills that will enable you to immediately begin developing more generative spaces. This pioneering, research-based, accessible approach to making both systemic and sustainable improvements is enabling colleagues around the globe to dramatically improve health, healthcare, individual lives, effectiveness of organizations, and community well being through design of the environment.

**Ila Burdette, AIA, LEED AP BD+C**, Senior Living Planning & Design Principal, Perkins+Will  
**Wayne Ruga, PhD, AIA, FIIDA, Hon. FASID**, Founder and President, The CARITAS Project  
**Amy Sickeler, RID, LEED AP ID+C**, Principal and Interior Design Director, Perkins+Will  
**Patience T. Woodall**, Director, Albany Community Hospice

**NOTE: Participation in this workshop requires and additional fee.**

Tuesday, October 2, 2012 • 8:30 AM - 9:45 AM

OPEN TO ALL  
ATTENDEES!

## OPENING KEYNOTE:

### Story-Structures: Creating Greatness Through Spatial Stories

For healthcare design, it is the best of times and the worst of times. The best is the revolution in design that envisions the healthcare facility as a powerful instrument of healing. The worst is that, after all the time, money, and expertise are spent, people move in and an "old play is performed on a new stage." By combining cutting-edge experience design and staging techniques with Disney Imagineering approaches, presenters will illustrate a ground-breaking new method that will take your new facility beyond an inanimate physical structure to a vibrant story structure, upon which a patient and staff experience required for greatness can be performed.

**Gary Adamson**, Chief Experience Officer, Starizon Studio  
**Ed Goodman**, Principal Innovator, Starizon Studio



ADAMSON



GOODMAN



HEUN



McKELVEY

Thursday, October 4, 2012 • 10:30 AM - 11:30 AM

OPEN TO ALL  
ATTENDEES!

## CLOSING SESSION:

### Why Are Hospitals Getting Bigger?

Improving hospitals and patient outcomes are at the top of the list when designing and building hospitals but have we stopped to think why hospitals are so much larger today? In the past 30 years, there have been a staggering number of changes that have caused hospitals to expand in size and cost. Presenters will explore what has changed and determine why hospitals are larger and more expensive to build than ever before. When designing hospitals, we rarely think about the impact individual decisions have on the overall size. There have been numerous changes and improvements to care delivery which demand that we build larger buildings, but what is the impact?

**William W. Heun AIA**, Partner, Matthei & Colin Associates  
**Neal McKelvey**, Senior Hospital Operations and Construction Executive



**Generative Space sessions.** Look for the green "GS" icon to see which sessions highlight Generative Space. For complete details on the Generative Space offerings please visit [www.hcarefacilities.com/generativespace.asp](http://www.hcarefacilities.com/generativespace.asp)

## DISCUSSION FORUMS

Join us as we break out of traditional lecture sessions for interactive discussion forums. Led by industry experts, these sessions give attendees the opportunity to participate in lively dialogues.

Wednesday, October 3 • 8:00 AM - 9:00 AM

### The Physician-Architect Engagement: 5 Principles for Architectural Success

Architects who design healthcare projects must learn to navigate the complex waters of hospital building projects. But what about the other side of the equation? How can hospital staff adjust to new building projects? What should they expect out of their relationship with their architect? This session will discuss five organizational development principles that will help architecture firms and hospitals cultivate a successful relationship.

**Robert Bostwick AIA**, President and Director of Design, Bostwick Design Partnership

**James Stoller, MD, MSODA**, Chair, Education Institute, Jean Wall Bennett Professor of Medicine, Cleveland Clinic

Wednesday, October 3 • 1:00 PM - 2:15 PM

### P3's: Everything You've Always Wanted to Know But Were Afraid to Ask

P3's (Public Private Partnerships) are coming to a project near you! They are increasingly being used in the delivery of infrastructure, including healthcare facilities in Canada and globally. They have existed for years as PFI's in the UK and Australia, and are now appearing in the U.S.

They often include the maintenance and operation of the facility for 30 years after construction.

**Dave Corcoran P.Eng.**, Vice President - Major Commercial Projects, Graham Group

**Norma Malanowich**, Chief Project Officer, Kelowna-Vernon Hospitals Project and Interior Heart and Surgical Project

**Alexandre Prokhoroff**, Vice President, PWC, Infrastructure and Project Finance

**Bruce Raber**, V.P., Practice Leader for Healthcare, Stantec Architecture

Wednesday, October 3 • 3:00 PM - 4:00 PM

### New Frontier of Technology Innovation

From interactive medical conferencing to cloud computing to one-touch room control, technological innovations in healthcare is evolving from a glossy perk to a designed-in standard. The multi-layered process of utilizing integrated audio/visual systems, interactive education, facilities control and asset management, and security and communications create streamlined technologically advanced healthcare facilities.

**Grant Ramsay**, Principal, Dir. of Technology Design, exp.

Wednesday, October 3 • 4:15 PM - 5:15 PM

### Financing New Capital Projects at Your Hospital with FHA Mortgage Insurance

The Federal Housing Administration (FHA) helps hospitals nationwide access affordable, fixed-rate financing for capital projects and refinancing. Credit Enhancement is more popular than ever. Learn how to secure a AA/AAA Credit Rating for your new hospital construction project by partnering with the Federal Housing Administration.

**Aaron Hutchinson**, Senior Financial Analyst, U.S. Dept. of Housing and Urban Development - Office of Hospital Facilities

**Tuesday, October 2, 2012**

10:00 AM - 11:00 AM

## As Real As it Gets: Simulation and Education

The Captain James A. Lovell Federal Health Care Center's new Simulation Center replicates civilian and battlefield situations requiring medical intervention so that interdisciplinary teams can provide safe patient care in both fixed and deployed settings. Hospital, medical planner, and audio-visual specialist discuss the challenges of creating a technology-rich setting that readies students for both the technical and relational challenges that they will confront in the real world.

**Lisa Baker**, Head, Education and Training Department, Captain James A. Lovell Federal Health Care Center

**Lawrence Doyle**, Architect, Facilities Management Dept.

**Casey Frankiewicz**, AIA, LEED AP BD+C, Director of Healthcare, Legat Architects, Inc.

**Norman Lee**, Medical Director, Simulation Center, Captain James A. Lovell Federal Health Care Center

**L. William Natress III**, Assoc. Principal, Shen Milsom & Wilke

## Teach a Man to Fish! The Project That Continues to Give

The SOS Project was a year-long transformation of a non-profit medical clinic in need of repair. A group of architecture and construction professionals came together to donate their time and materials toward making the greatest possible impact for a population in need. What began as a minor repainting project blossomed into a full renovation of the facility. As a result of their efforts, the project team experienced a transformative change within their own lives.

**Elise Drakes**, Project Coordinator, TAYLOR

**Jesse Jenner**, Construction Superintendent, Suffolk-Roel

**Karen McGlinn**, Executive Director, Share Our Selves

**Anza Vang**, Project Manager, Hoag Memorial Hospital Presbyterian

## Lean Healthcare Outcomes: Delivering Results

Using two case studies, this presentation will illustrate the application of Lean design into new lean health-care delivery methods: the Patient-Centered Medical Home practice and the Urgent Care Center. We will discuss how a collaborative Lean design process using BIM led to improved layout and efficiencies and helped build consensus and enthusiasm among community stakeholders. We will also discuss metrics illustrating effectiveness, utilization, doctor/patient reactions, and survey results.

**John Duggan**, Director, Real Estate Operations & Retail Subsidiaries, Reliant Medical Group

**Marc Margulies AIA**, LEED AP, Principal, Margulies Perruzzi Architects

## National Healthcare Facilities Benchmarking Program

A landmark effort is underway at the University of Texas's Construction Industry Institute (CII) to benchmark capital projects in the healthcare sector. Cost, schedule, change, rework, space use and many other metrics are being collected and analyzed for inpatient hospitals and most other kinds of healthcare facilities. As the first program of its kind, this session will explain how participants can become involved (for free) and obtain quantitative data regarding their capital projects.

**Noah Kahn AIA**, National Manager, Project Metrics, Kaiser Permanente

**Russell Manning LEED AP**, Senior Health System Planner, U.S. Department of Defense

**Stephen P. Mulva Ph.D.**, Associate Director, Construction Industry Institute (CII) / The University of Texas at Austin

## Creating Safe Patient Rooms: Design that Reduces Falls and Mitigates Risk!

As reimbursements decline and patients wait until they are sicker to come to hospitals, designing and detailing the next generation of patient rooms to decrease falls and hospital-acquired infections (HAIs) becomes extremely significant for our healthcare systems. Focusing on patient falls and HAI prevention, this team researched the standard medical/surgical patient room design to try to solve the problem and save hospitals money in the process.

**Jane Eustace RN, BSN**, Clinical Nurse, Albert Einstein Medical Center

**Catherine L. Gow AIA**, Principal - Health Facilities Planning, Francis Cauffman

**Eric Lautzenheiser AIA, ACHA**, Director, Health Facilities Planning, Francis Cauffman

## Time is Money: 150,000 Square Foot Hospital—8½ Months—Concept Through Construction

When it comes to facility replacements you can have any two—quality, speed, or low cost—but you usually can't have all three. The panel will discuss how the Mercy Health System replacement hospital in Joplin, MO benefited from all three: The quality of factory built components, the speed of simultaneous site work and building construction, and a new hospital providing income in 8½ months.

**David Hitchcock AIA**, Founder, Aspen Street Architects, Inc.

**Glenn W. Mitchell MD, MPH**, V.P. Medical Services (retired), Mercy Health System

**Charlie Walden**, President and Founder, Walden Structures

## New Addresses from Forgotten Spaces

Large hospitals are constantly changing their built environment to accommodate new technology, staff and processes. A series of case studies will demonstrate how forgotten spaces can be reclaimed and provide updated, bright and functional areas. New addresses are created within the existing hospital by reclaiming real estate. Disparate functions that require adjacencies are grouped together to transforming ill-used spaces into updated, functioning spaces for patients and staff.

**Steve Carroll, B.Tech, M.Arch, OAA**, Principal, Zeidler Partnership Architects

**Lisa Debenham**, Dipl. Arch. Tech, Project Manager, The Hospital for Sick Children (SickKids)

## Regional Arts Programs are Tools for Community Building

Healthcare organizations are taking greater leadership roles when guiding community members to create healthier lives, by offering wellness and active aging courses, and providing exercise, nutrition and rehabilitation centers. Concurrently, healthcare facilities are transforming into arts and cultural activities centers, using tools that boost community pride. They promote regional artists through physical arts programs, create employee and community galleries, build partnerships with local museums and art associations, provide venues for concerts and performances, and engage artists to create art with patients, all while supporting their healthcare journey. By sharing community-based visual and performing arts program case studies on three hospitals—Cottage Health Systems, Santa Barbara, Children's Hospitals and Clinics of Minnesota and AtlantiCare Health Systems.

**Leah Goodwin**, Director of Arts Programs and Fundraising Strategies, Aesthetics, Inc.

**Annette Ridenour**, President & CEO, Aesthetics Inc.

11:15 AM - 12:45 PM

## Epigenetic Design Session 1: Understanding Color and Light... from the Perspective of the Body and Brain

GS

Epigenetic Design is an emerging design practice of creating health promoting built environments that is firmly established on medically relevant knowledge of how genetic expression, physiological, neuroendocrine, and behavioral response is impacted by built environmental sensory stimuli—primarily that of light. This three-part series, delivered in the context of cultivating a generative space, bridges the gap between science, medicine, and design by presenting an advanced understanding of the human circadian system and its connection to ambient lighting conditions as primary sensory stimuli capable of direct health impact.

**Deborah Burnett ASID, CMG, LGC, AASM**, Health & Wellness Design Authority, Design Services, Inc.

## The Transformation of American Healthcare: Strategies to Thrive the Next 5

The next five years will be the most transformational time in American Healthcare. Reform is here to stay; the courts have ruled and the budget demands it. Providers must embrace a new business model, new services, and true clinical integration. Physician compensation, employment, and the unethical practices of the pharmaceutical industry are exposed with a new round of revelations. Frame the hard realities, board mandates, and management mindsets required to realign the business of healthcare.

**Marc Sauvé MBA**, Senior Healthcare Strategist, Gresham Smith & Partners

## Beyond Accessibility: Universal Design & the New Spaulding Rehab Hospital

For Partners Healthcare, the goal for the new Spaulding Rehabilitation Hospital in Boston was simple: to create an international model for environmental and social sustainability. Utilizing the principles of Universal Design, Partners created a facility that exceeds minimum accessibility standards, leaving behind the old paradigm of "just tell me what I have to do." During this session, senior members of the design team will discuss key aspects of the facility and design process.

**David Burson AIA, NCARB**, Senior Project Manager, Partners HealthCare

**Betsy Pillsbury**, Disability Resource Coordinator, Partners HealthCare

**Josh Safdie Assoc. AIA**, Director of IHCDstudio, Institute for Human Centered Design

**Jessica Stebbins, IIDA, LEED AP BD+C**, Associate Principal, Perkins+Will

## Public-Private Partnerships: Innovative Hospitals, Guaranteed Performance

The P3 delivery method, procurement approach and contracting allowed Humber Regional Hospital to choose from three totally different designs, each developed and submitted by the bidders. The panel will speak to the value of P3s in delivering the right facility and partner to meet the hospital's long-term needs. They will explore the applicability/benefits of P3s for hospital projects and highlight specific considerations to be addressed by hospitals, including long-term contracting and performance guarantees.

**Barbara Collins**, Chief Operating Officer, Humber River Regional Hospital

**Rueben Devlin**, President & CEO, Humber River Regional Hospital

**Mike Marasco**, CEO, Plenary Health, Plenary Group

# Conference | Tuesday

## Planning a Joint Medical Facility— the Collaboration of Two Hospitals

Funding for a study to program and plan a joint use medical facility (JMF) was provided to the Department of Veteran's Affairs. The objective was to develop a plan for a new medical center to be used jointly by the Department of Defense, primarily those stationed at Ft. Leavenworth, and the Department of Veterans Affairs Medical Center. Efficiently serving the needs of veterans and active duty military personnel and efficient use of resources were determined to be essential criteria.

**Scott Branton AIA**, Architect, Junk Architects

**Doug Boyd**, Architect, Junk Architects

## Onward and Upward: Case Study of a Hospital Vertical Expansion Project

This session will be a case study on the Lutheran Fifth Floor Vertical Expansion project. The project involved the design and construction of a new floor to the existing four-story hospital building to add 96 new private patient rooms, enabling a new Cardiac Intensive Care Unit and three new Telemetry Medical Surgical Units to be brought on-line. The session will include a comprehensive overview of challenges the project team faced from early strategic planning through construction.

**Michael Bluhm**, Project Manager, Weigand Construction Co., Inc.

**Patti Hays**, Senior V.P. - Acting Chief Operating Officer, Lutheran Health Network

**Mary J. Schafer RN**, Nurse Consultant/Practitioner Resource, MSKTD & Associates, Inc.

**Nick Slater**, Principal, Healthcare Group Leader, Registered Architect, MSKTD & Associates, Inc.

## Design Disasters: Imaging Suite Failures!

This presentation will provide case studies of imaging suite designs that undermine the essential value of imaging for patient care, both in minor and major ways. You will have the rare opportunity to learn from others' mistakes and how sometimes, design and construction teams expect radiology departments to cover shortcomings in the building with increased staffing or decreased throughput.

**Robert P. Junk, AIA, AHRA**, Principal, RAD-Planning

## More with Less: Maximizing Lean in Emergency Medicine and FED's

In today's environment there are increasing pressures on Emergency Departments everywhere. Volumes are up, budgets are tight. The emphasis is therefore on doing more with what you have while improving patient care, improving wait times, and reducing patients left without being seen. The answer resides in how well you can implement lean principles into your process. This session will use two case studies from the same system to illustrate proven results in both existing and FED solutions.

**Shannon Kraus AIA**, Senior V.P., HKS

**Linda Laskowski Jones, RN, MS, ACNS-BC, CEN, FAWM**, V.P.: Emergency & Trauma Services, Christiana Care Health System

2:15 PM - 3:15 PM

## Health Design Leadership: Improving Lives—It's Up to You.

This presentation provides the opportunity for attendees to see themselves in a new light, and to "try on" a new form of leadership that can transform their organization—with "designing" the social environment, which can only be designed by individuals, and—unless it is designed as generative—it, most likely,

won't be. We will also explore how "Health Design Leadership" is the first step along this continuous journey. A case study will be presented highlighting this personal and continuous journey, as well as the evidence that has been gathered on the transformative outcomes that have occurred as a result.

**Alyssa Scholz**, Associate AIA, IIDA, Senior Associate | Vision Implementation, TAYLOR

## SYMPOSIUM 101—Part 1: An Overview of the Essential Information That You Need to Serve the Healthcare Market

Healthcare facilities are among the most complex and ever changing building types. Planning, design and construction for healthcare buildings requires broad-based and unique knowledge. This two-part session provides a fast-paced and information-packed journey through the wide range of disciplines that contribute to successful healthcare projects. This session, led by a panel of Symposium Advisors, is intended for those entering the field of healthcare design and will provide a foundation for the other more advanced programs offered at the Symposium. Boot Camp Part 1 will focus on the variety of factors which inform design. Topics include:

- Strategic and functional planning
- Process improvement
- Health Information Technology
- Healing environments
- Interior design for healthcare

**Orest Burdiak**, Principal Interior Designer, Department of Veterans Affairs

**Rolando Conesa AIA**, Principal, MGE Architects

**Deborah Groner D'Agostino FACHE**, President, P4H, Inc.

**Ann M. McGauran, NCARB, MMHC**, Senior Operations Engineer, Performance Improvement, Vanderbilt University Medical Center

**Annette L. Valenta**, Professor and Department Head, University of Illinois at Chicago

## A Case Study in Integrated Project Delivery

Case Study for Integrated Delivery of the Ann & Robert H. Lurie Children's Hospital of Chicago, a \$1 billion, 1.2 million square foot replacement hospital located in the Streeterville community in the City of Chicago. The new replacement hospital includes 288 single occupancy rooms with capacity to expand to 313 rooms. It's located in a concentrated urban site within the Northwestern Memorial Hospital's Medical Campus. Discussion will focus on the benefits of integrated project delivery, early team collaborations, challenges and associated examples. Also, benefits during construction/transition planning/operations will be discussed as well as project successes.

**Stuart Baur**, Principle, ZGF Architects LLP

**William J. Binnie**, Senior V.P., The Rise Group, an Arcadis Company

**Bob Gallo**, Senior V.P., Power Construction Company, LLC

**Bruce Komiske**, Chief - New Hospital Design and Construction, Children's Memorial Hospital

## Choosing the Right Construction Process for New Healthcare Development

Healthcare organizations are shifting from traditional construction delivery methods—negotiated work, design-bid-build and design-build—to options such as development sale/leaseback. No structure is best for every situation, and many financial and operational factors go into the own versus lease decision. In this session, two healthcare decision makers and a leading development advisor discuss pros and cons

of each structure, and engage audience members to share their experiences.

**Jim Colburn**, Director of Facilities & Construction, Marshfield Clinic

**Ian Greenwood**, Manager of Real Estate Project Management, Fairview Health Services

**Jerry Turner**, National Director, Healthcare Project Management, Jones Lang LaSalle

## Ambulatory Network Master Planning: St. Alphonsus Health System Insights

In Saint Alphonsus Health System's (SAHS) quest to become an integrated system, development of comprehensive ambulatory strategy emerged as a key strategy. After a series of acquisitions, SAHS conducted a comprehensive network ambulatory master plan to provide multi-year direction to the development of ambulatory-focused services, providers, and facilities. This session will explore the master planning methodology, output, and lessons learned.

**Mike Chidester**, Regional Director Corporate Real Estate, Saint Alphonsus Health System

**David Grandy FACHE, CMPE**, Assoc. V.P., Global Innovations Principal, HDR Architecture, Inc.

## Hospital Inpatient Quality Measures and Healthcare Facility Design

The design of the built environment in healthcare facilities has a measurable impact on publicly reported hospital inpatient quality metrics. The percentage of time that a given hospital performs percutaneous cardiac intervention within 90 minutes of arrival ("door-to-balloon time") is reported. A survey of six eastern Virginia healthcare facilities revealed that the door-to-balloon distances range from a short 224 feet all the way to 987 feet, adding at least three minutes to the door-to-balloon time.

**Joe Butz, V.P.**, Cardiac and Transplant Services, Sentara Heart Hospital Administration

**Brent Ibata**, Director of Operations, Sentara Cardiovascular Research Institute

## Bridging the Gap Between IT and Facilities

Information Technology plays a critical role in any business, and the healthcare industry is not indifferent to this. Lack of quality communications between Facilities and IT can create gaps within the schedule as well as budget. This session focuses on specific examples on how the Facilities/Construction, IT Department, and SM&W worked together and built the 620,000 square foot Orange Regional Medical Center.

**Wayne Becker**, V.P. - Support Services and Special Projects, Orange Regional Medical Center

**Kelly C. Spivey**, Senior Associate, Medical Equipment Planning, Shen Milsom & Wilke

**Matthew Tibbals**, Senior Consultant, Shen Milsom & Wilke

## Bringing Measured Value to Healthcare Design and Operations

The Institute of Healthcare Improvement (IHI) was established in 1991 with the mission to lead the improvement of healthcare throughout the world. It focuses on motivating and building the will for change; identifying and testing new models of care in partnership with both patients and healthcare professionals; and ensuring the broadest possible adoption of best practices and effective innovations.

**Rebecca G. Hathaway RN, MSN**, Senior Operations Executive, UHS Temecula Valley Hospital

**Ken Lindsey**, Sr. Project Manager, Southland Industries

**Dean Shipcott**, Project Manager, Berg Electric

**Edward Straub**, DPR Construction

**Steven Wilson**, Principal, HMC Architects



# Tuesday & Wednesday | Conference

3:30 PM - 4:30 PM

## 2012 Generative Space Award Recipient



The Generative Space Award recognizes breakthrough designs that improve health and healthcare. Submit your recent projects that clearly demonstrate the integration of the physical and social environments that make your community be "A Place to Flourish." The 2012 winner will be presented during this session. **For more information on the award please visit [www.aplacetoflourish.net](http://www.aplacetoflourish.net).**

## SYMPOSIUM 101— Part 2: An Overview of the Essential Information That You Need to Serve the Healthcare Market

A continuation of Symposium Boot Camp 1, this session is intended for those entering the field of healthcare design and will provide a foundation for the other more advanced programs offered at the Symposium. Boot Camp Part 2 will focus on strategies that help to ensure a successful project. Topics include:

- The architect as team leader
- The owner's perspective
- Integrated project delivery
- Incorporating medical equipment
- Project delivery methods

**Susan Black**, Principal and Director, Perkins Eastman Black Architects Inc.

**Stephen Brigham**, Director - Capital Planning & Projects, University of Arizona Health Network

**Tony Freitas**, Criterion Systems

**Doug Mangers**, Project Director, McCarthy Building Companies Inc.

**Jim Rossmeissl**, Senior Executive V.P., The Boldt Company

## Transformation Innovation Integration—Defining Themes for a Mental Health Hospital

The design of St. Josephs Healthcare Hamilton's unique facility will contribute to the reduction of stigma commonly attached to mental illness by providing a modern, welcoming, open campus to patients, staff, researchers, learners and visitors. The new facility will under no circumstances become a third-generation asylum. The integration of mental healthcare, diagnostic imaging, medical clinics, research and education will provide enhanced care for individuals with serious mental illness.

**Christopher McQuillan**, B. Arch, LEED AP, MRAIC, Regional Health and Science Practice Leader, Cannon Design

**Theresa Reynolds**, Redevelopment Project Director, St. Josephs Healthcare Hamilton

**Timothy M. Rommel AIA, ACHA, OAA**, Principal, Cannon Design

**Jodi Younger M.Sc., C.P.R.P., Fellow (CHSRF)**, Clinical Director, St. Josephs Healthcare Hamilton

## Help Nurses Help the Smallest Patients: How Infant Care is Reorganized

This session provides details on the renovation program of highly specialized space to incorporate a unique, bold method of distributed nursing. By replacing a central nurse station with alcoves located outside patient rooms, the hospital provided increased privacy for visitors, encouraged more interaction among nursing staff, and improved patient safety and security. The renovation further encouraged family-centered care by adding amenities such as a family resource library and improved play areas.

**James Albert AIA**, Principal, Hord Coplan Macht, Inc.

**Richard M. Katz M.D., MBA**, Vice-President, Medical Affairs, Mount Washington Pediatric Hospital

## Building the Hospital of the Future: Making Smart Investments

This presentation will use a case study of Baystate Health's new "Hospital of the Future" to examine the planning considerations and outcomes in building healthcare facilities today that will meet the demands of the future. The \$260 million Hospital of the Future, completed in January 2012, consists of a new seven-story addition to the existing hospital and creates 600,000 gross square feet of new construction.

**Stanley Hunter**, Project Executive, Baystate Health

**Kurt Rockstroh**, CEO, Steffian Bradley Architects

**John Saad, LEED AP, HFDP**, Managing Principal, Vanderweil Engineers

## Oasis: Healing by Design Psychology

How can you use Design Psychology to create healthcare, community and even home settings that enhance healing? Through hands-on exercises, this presentation illustrates how to determine the personal, nurturing associations we have with color, fabrics, furniture and special objects. Case study examples give insights into ways to translate such associations into a "Design Psychology Blueprint" for designers, healthcare professionals and patients seeking to create a healing oasis by design.

**Marian Hamilton**, Founder, The Ken Hamilton Caregiver Center

**Toby Israel**, Founder, Oasis by Design, LLC

## Doing More with Less: Green Lessons From the Developing World

This presentation, by the lead authors for the WHO's *Healthcare in the Green Economy* and *Health Care Without Harm's Seven Elements of the Healthy Hospital*, will highlight some of the unique ways that low-resourced settings are able to provide high-quality healthcare, and the kinds of lessons they provide to the developing world and to the purveyors of green and sustainable models.

**Laura Brannen**, Senior Assoc. Mazzetti Nash Lipsey Burch

**Walter N. Vernon, IV, PE, LEED AP**, CEO/Principal, Mazzetti Nash Lipsey Burch

## Figurative Art in Healthcare Design: The Oncology Patient Perspective

This presentation will explore the role of figurative art in inpatient settings for cancer patients and implications for art programs in cancer settings. It will help bust the myth that nature art is the be-all and end-all in hospital art and investigate how an understanding of the patient population is key to the design of successful art programs. Perspectives from research, design and facility administration will be shared on this subject.

**Robyn Bajema**, Project Coordinator: Research I Education I Outreach, American Art Resources

**Kathy Hathorn**, CEO & Creative Director, American Art Resources

**Upali Nanda Ph.D.**, V.P. Director of Research, American Art Resources

**Kate Rose**, Director, Community Hospital Breast Centers, The Methodist Hospital System

Complete session descriptions and up-to-date speakers are available at [www.hcarefacilities.com](http://www.hcarefacilities.com)

Please visit for expanded information on all sessions!

## Wednesday, October 3, 2012

8:00 AM - 9:00 AM

## Healthcare Retail Design with Vertical Mindset and Effective HCAHPS Impacts

There are Four Pillars that support a sustainable and profitable hospital retail design. Attendees will learn the necessary methods to ensure strong ROI's, while making positive HCAHPS impacts. This presentation will deliver proven outcome examples that were produced following this methodology.

Pillar 1: Feasibility Studies

Pillar 2: Conceptual Designs/Selections

Pillar 3: Get it Operational Quickly & Efficiently

Pillar 4: Manage/Refresh/Grow

**John Johnson**, President, Total Management Solutions, LLC

**John Williams**, Founder, J.C. Williams Group

## Set the Stage: Advancing Healthcare Education Through the Built Environment

Two case studies showcase built environment strategies that offer modern approaches to medical education. North Park University, a Nursing Simulation Lab based on real healthcare healing environments offers a sophisticated, dynamic new learning environment that has advanced students' ability to develop and has expanded enrollment. LSU's Medical Education Building's design supports new methods for improved competency testing in key areas of patient care, systems- and practice-based practice.

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

**Linda R. Duncan DNP, CCRN, RN**, Dean of the School of Nursing and Gretchen Carlson Professor of Nursing, North Park University

**William Ketcham AIA, LEED AP**, Principal, VOA Associates Incorporated

## Navigating Lean: Design That Enhances Flexibility & Patient Centered Care

Guided by principles of Lean design, the team behind the new multi-specialty Everett Clinic at Smokey Point will examine how a series of integrated design events focused design and operational outcomes by defining value in patient terms, identifying processes that enhance and add value, and eliminating all non-value added steps and space. Participants will identify areas of greatest efficiency and understand how to meet timelines for completion while implementing large-scale operational changes.

**Mark Gesinger LEED AP BD+C**, Lean Operations/Medical Planner, ZGF Architects LLP

**Clark Lindsay**, Managing Director, WWSHE; ACHE; WBBA, Alliance Project Advisors

**Mark Mantei FACHE**, COO, The Everett Clinic

**Jonathan Sackett, MHA, MBA**, Director, The Everett Clinic Improvement System, The Everett Clinic

## The 2012 Symposium Distinction Awards Presentation

The highly esteemed 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 Healthcare Facilities Symposium & Expo. *FacilityCare* magazine in association with the HFSE sponsors the Awards. This session, moderated by Emily Howard, editor of *FacilityCare*, will feature the 2012 award winners discussing their products and projects. **For more information on the awards visit [www.hcarefacilities.com/awards.asp](http://www.hcarefacilities.com/awards.asp).**

**Emily Howard**, Editor, *FacilityCare*

# Conference at a Glance

## Monday, October 1

12:30 PM - 6:00 PM	<b>Generative Space Boot Camp</b>			
2:00 PM - 3:30 PM	<b>SPECIAL EVENT: Pre-Conference Tour—Chicago Architecture Foundation Boat Tour</b>			

## Tuesday, October 2

7:30 AM - 8:30 AM	<b>SPECIAL EVENT: Welcoming Continental Breakfast</b>			
8:30 AM - 9:45 AM	<b>SPECIAL EVENT: Opening Keynote—Story-Structures: Creating Greatness Through Spatial Stories</b>			
10:00 AM - 11:00 AM	As Real As It Gets: Simulation and Education	Teach A Man To Fish! The Project That Continues To Give	Lean Healthcare Outcomes: Delivering Results	National Healthcare Facilities Benchmarking Program
11:15 AM - 12:45 PM	Epigenetic Design Session I: Understanding Color and Light	The Transformation of American Healthcare: Strategies to Thrive the Next 5	Beyond Accessibility: Universal Design & the New Spaulding Rehab Hospital	Public-Private Partnerships: Innovative Hospitals, Guaranteed Performance
12:45 PM - 1:00 PM	<b>SPECIAL EVENT: A Place to Flourish—the “Generative Space” Health Improvement Award</b>			
12:45 PM - 2:00 PM	<b>SPECIAL EVENT: Symposium Luncheon</b>			
2:15 PM - 3:15 PM	Health Design Leadership: Improving Lives—It’s Up To You	SYMPOSIUM 101—Part 1: An Overview of the Essential Information that You Need to Serve the Healthcare Market	A Case Study in Integrated Project Delivery	Choosing the Right Construction Process for Development
3:30 PM - 4:30 PM	2012 Generative Space Award Recipient	SYMPOSIUM 101—Part 2: An Overview of the Essential Information that You Need to Serve the Healthcare Market	Transformation Innovation Integration—Defining Themes for a Mental Health Hospital	Help Nurses Help the Smallest Patients: How Infant Care is Reorganized
4:30 PM - 6:30 PM	<b>SPECIAL EVENT: Symposium Party in the Exhibit Hall</b>			

## Wednesday, October 3

7:00 AM - 8:00 AM	<b>SPECIAL EVENT: Continental Breakfast</b>			
8:00 AM - 9:00 AM	Healthcare Retail Design with Vertical Mindset & Effective HCAHPS Impacts	Set the Stage: Advancing Healthcare Education Through the Built Environment	Navigating Lean: Design That Enhances Flexibility & Patient Centered Care	The 2012 Symposium Distinction Awards Presentation
9:15 AM - 10:15 AM	<b>SPECIAL EVENT: Keynote</b> <i>Please check website for keynote announcement!</i>			
10:00 AM - 3:00 PM	<b>SPECIAL EVENT: Exhibit Hall Open</b>			
10:30 AM - 2:45 PM	<b>LEARNING LOUNGE:</b> See complete schedule at far right ▶ ▶ ▶			
1:00 PM - 2:15 PM	Epigenetic Design Session II: Understanding Vision, Sleep, and Memory Formation	The Continuing Development of the Clinical Liaison role at Parkland	Integrated Approaches to Creating a Universal Care Platform and No-wait ED	Testing Best Practices: Vision to Reality
2:00 PM - 3:00 PM	<b>SPECIAL EVENT: Closing Social in the Exhibit Hall</b>			
3:00 PM - 4:00 PM	Generative Space: Designing Places Where Organizations and People Flourish is a “Change Management” Issue!	Transformation: Building a Sustainable Healthcare System	Student Teachers: Design Solutions for Interprofessional Care Delivery	Fostering Innovation in the Military Health System
4:15 PM - 5:15 PM	Ergonomics: Supporting the Human Face of Generative Space	The Russian-American Medical a Center in Tver, Russia	Toronto Rehabilitation Institute Takes on its New Role Within the Community	Reinventing Psychiatry and Behavioral Health Design in Urban Environment
6:00 PM - 8:00 PM	<b>SPECIAL EVENT: Humanscale Networking Mixer</b>			

## Thursday, October 4

7:00 AM - 8:00 AM	<b>SPECIAL EVENT: Continental Breakfast</b>			
8:00 AM - 9:00 AM	Coordinated Teamwork Can Produce High-Tech Innovations	Collaboration Saves Resources at The Ohio State University Medical Center	Use of Lean Methodologies in the Re-Design of an Emergency Department	A Suite Discussion: Why Suites are So Sweet
9:15 AM - 10:15 AM	Epigenetic Design Session III: Application of Design Criteria for Enhanced Wayfinding, Reduced LOS, and Enhancing ROI	The Good, the Bad and 20 Lessons Learned After the Dust Settled	Transforming Outpatient Design: Programmability and the Patient Experience	Implementation of an Electronic Environment of Care Rounding Tool at an Integrated Health Care System
10:30 AM - 11:30 AM	<b>SPECIAL EVENT: Closing Session—Why Are Hospitals Getting Bigger?</b>			
11:30 AM - 3:30 PM	<b>SPECIAL EVENT: Facility Tours</b> See Page 13 for tour descriptions			



# Conference at a Glance



## Wednesday, Oct. 3

10:30 AM - 11:00 AM

The Green House Project:  
A LTC Transformational Model

11:15 AM - 11:45 AM

Effective Acoustic Planning  
and Design for Healing  
Environments

12:00 PM - 12:30 PM

How Digital Screen Media  
is Changing the Face of the  
Healthcare Environment

12:45 PM - 1:15 PM

Lighting The Way To Better  
Healthcare Environments:  
A Balancing Act

1:30 PM - 2:00 PM

What Gives a Garden its  
Healing Power?

2:15 PM - 2:45 PM

Green Building Certification  
Benefits for Hospitals &  
Healthcare Facilities

*See Page 14 for Learning  
Lounge speakers.*

**REGISTER NOW**  
**Save up to \$500**  
**on your full**  
**conference pass!**

PLEASE NOTE: Event schedule  
subject to change. Please check our  
website and onsite schedule for the  
most up-to-date information.

Creating Safe Patient Rooms: Design that Reduces Falls and Mitigates Risk!	Time is Money: 150,000 Square Foot Hospital—8½ Months—Concept Through Construction	New Addresses from Forgotten Spaces	Regional Arts Programs are Tools for Community Building
Planning a Joint Medical Facility—the Collaboration of Two Hospitals	Onward and Upward. Case Study of a Hospital Vertical Expansion Project	Design Disasters: Imaging Suite Failures!	More with Less: Maximizing Lean in Emergency Medicine and FED's
Ambulatory Network Master Planning: St. Alphonsus Health	Hospital Inpatient Quality Measures and Healthcare	Bridging the Gap Between IT and Facilities	Bringing Measured Value to Healthcare Design and Operation
Building the Hospital of the Future: Making Smart Investments	Oasis: Healing by Design Psychology	Doing More with Less: Green Lessons from the Developing World	Figurative Art in Healthcare Design: The Oncology Patient Perspective
DISCUSSION FORUM: The Physician-Architect Engagement: 5 Principles for Architectural Success	"Room to Heal" Designing for Orthopedics from Patient's Perspective	Energy Saving Surgical Spaces that Deliver Safety and Satisfaction!	The Hospital Noise Project: Lessons Learned from 241 U.S. Hospitals
DISCUSSION FORUM: P3's—Everything You've Always Wanted to Know But Were Afraid to Ask	Highest Value-Lowest Cost: A Roadmap for Success	Can You Afford Not to Retro-Commission Your Facility In These Lean Times?	Rapid Medical Response to Regional Disasters
DISCUSSION FORUM: A New Frontier of Technology Innovation	A Campus Culture Transformation: Rush University Medical Center	Big Impact of a Small Project	Collaboration and Planning Tips for Replacing the "Heart" of a Hospital
DISCUSSION FORUM: Financing New Capital Projects at Your Hospital with FHA Mortgage Insurance	The Deconstructed Workspace for Medical Staff	Technology Interoperability at the Bedside—Maximizing the Value of Your Systems and Equipment	Lower Operating Costs by Merging BIM + Facility + Management Operations
What Providers Need to Prosper The Next 50 Years: Planning Meets Operations	<p>Complete session descriptions and up-to-date speakers are available at <a href="http://www.hcarefacilities.com">www.hcarefacilities.com</a></p> <p>Please visit for expanded information on all sessions!</p>		
MODA Project—Planning and Sustainability for a Saudi Arabian Medical City			

# Conference | Wednesday

## “Room to Heal”: Designing for Orthopedics from Patient’s Perspective

Designing for orthopedics from patient and caregiver’s perspective. This presentation is not just the perspective of an experienced healthcare architect. It’s also the perspective of a husband and family care-giver who encountered dozens of design flaws throughout his wife’s three-month in-patient orthopedic treatment and over a year of outpatient rehabilitation. Design details that, before then, had not been given a second thought.

**Mark Anderson AIA**, V.P. and Office Director, Architect-Healthcare Services, Shive-Hattery, Inc.

## Energy Saving Surgical Spaces That Deliver Safety and Satisfaction!

Review challenges with ORs in HVAC ventilation. Get updates on guidelines and examine both standard and innovative technologies. Study case examples of hospitals. Bring examples of problems spaces to see first-hand how to identify energy waste. Learn how to calculate options to achieve safe environments, operational savings and patient satisfaction.

**Cheryl Laniewicz**, U.S. Sales Manager National Accounts - Healthcare, Phoenix Controls

## The Hospital Noise Project: Lessons Learned from 241 U.S. Hospitals

The Hospital Noise Project recently studied noise reduction efforts in 241 U.S. hospitals. Leaders described their approach and reported level of success. Results are reviewed. Themes found within the success stories and lessons learned are discussed. Highest levels of success are achieved by hospitals taking a holistic approach, using a well-formulated and executed plan and viewing noise reduction as an ongoing initiative as opposed to a tactical checklist being addressed as resources permit.

**Gary S. Madaras, Ph.D.**, Assoc. AIA, Director - Making Hospitals Quiet Program, Building Momentum Group, LLC

**Jason A. Wolf Ph.D.**, Executive Director, The Beryl Institute

1:00 PM - 2:15 PM

## Epigenetic Design Session 2: Understanding Vision, Sleep, and Memory Formation... from the Perspective of the Design Professional



See Session 1 on page 5 for description.

## The Continuing Development of the Clinical Liaison Role at Parkland

Parkland Hospital is currently in the process of building a \$1.27 billion replacement hospital campus to include inpatient, outpatient and all supporting structures. At last year’s event they introduced the project and the Clinical Liaison role. This year, they will discuss how the role continues to evolve as the project moves forward and will explore deeper the return on investment of the Liaisons’ participation in the project.

**Gay Chabot RN, BS**, Program Director/Clinical Liaison, Medicine & Surgery Services, Parkland Health & Hospital System

**Jodi Donovan RN, MSN, PMP**, Program Director/Clinical Liaison, Clinical and Non-Clinical Support Services, Parkland Health & Hospital System

**Kathy Harper**, Director of Clinical Planning New Parkland Campus, Parkland Health & Hospital System

**Dale Talley, RN, MS, CPNP**, Program Director/Clinical Liaison: Women’s Services, OR, Psych & Rehab, Parkland Health & Hospital System

## Integrated Approaches to Creating a Universal Care Platform and No-wait ED

St. Elizabeth’s no-wait Emergency Department represents a new approach to meeting healthcare needs. This presentation looks at Affinity’s integrated project delivery strategy to introduce one of the first Universal Care Platforms nationally. It will show how the team focused on key metrics to achieve increased patient outcome. Specifically, the panel will examine data from four post-occupancy studies to track success—and offer insight into future approaches to the evolving Universal Care Platform.

**Gary A. Kusnierz**, V.P., Performance Excellence, Affinity Health System

**Scott Lindvall AIA**, V.P./Principal, HGA Architects and Engineers

**Scott Morton**, V.P., Project Development, The Boldt Company

## Testing Best Practices: Vision to Reality

This presentation will cover the details of the design process and resulting strategies that test best practices in hospital design. The presentation will follow the design of the new Rust Medical Center from visioning to completion. The presentation team will summarize the client’s goals and ideas learned through visits of recent, innovative hospitals, review the specific strategies used in the hospital design, and evaluate how the ideas are working.

**Robert C. George AIA**, Principal, Dekker/Perich/Sabatini

**John Laur AIA, ACHA**, Principal, Dekker/Perich/Sabatini

**Bill Sabatini**, Principal, Dekker/Perich/Sabatini

**Angela Ward, RN**, Director of Patient Care Services, Presbyterian Health Care Services

## Highest Value-Lowest Cost: A Roadmap for Success

In 2008, Holy Cross Hospital in Silver Spring, Maryland, was working on a CON for a new patient tower on its existing campus. At the same time, they decided to pursue a CON for a new hospital in an underserved market 20 miles away. The economy then crashed and plans for the new hospital stalled. In spite of a weakening economy, a CON battle, and an uncertain outcome, the team moved forward and developed a plan that was efficient, affordable and offered the highest value at the lowest cost.

**Mark Bittner**, Project Manager, Holy Cross Hospital

**William I. Kline, AIA, CAA, LEED AP, EDAC**, Vice President, SmithGroupJJR

**David McGinnis**, V.P., Whiting Turner Contracting Company

**David Vollmer**, Senior Consultant, KLMK Group, Inc.

## Can You Afford Not to Retro-Commission Your Facility in These Lean Times?

This session will be a roundtable format guided by a facility manager and two nationally recognized commissioning professionals who will focus on physical, practical, and financial aspects of existing building commissioning (EBCx) for energy savings and optimal operation. A synopsis of the Building Commissioning Association (BCA) EBCx roadmap, creating the best ROI model for presentation, and examples from recent projects will be presented, showing how a methodical process can bring quick wins.

**C. Mark Howe, P.E., LEED AP**, Principal, Resolute Facility Services

**Bruce A. Pitts**, CPMP, CSBA, LEED AP BD+C, Commissioning Practice Leader, Co-Chair BCA Building Commissioning Best Practice, Wood Harbinger, Inc.

**Leonard R. Rozek**, CPMP, CEM, CDSM LEED AP, President, E Cube, Inc.

## Rapid Medical Response to Regional Disasters

Hackensack University Medical Center, Cipher Systems and Health Risk Technologies, Inc. have teamed up to create a fleet of mobile rapid response vehicles designed to respond to mass casualty incidents. This session focuses on challenges and lessons learned in designing, building, operationalizing, and sustaining advanced mobile response capabilities for the purposes of disaster response and emergency preparedness.

**Leela Doppalapudi**, Project Manager, Cipher Systems LLC

**Michael A. Pomarico**, NCARB CSI ASHE, Architect, Pomarico Design Studio

**Suzanne Lutwick MPH, R.N.**, Director, Grant Development & Government Relations, Hackensack University Medical Ctr.

3:00 PM - 4:00 PM

## Generative Space: Designing Places Where Organizations and People Flourish is a “Change Management” Issue!



Creating “A Place to Flourish” is an aspiration of all good companies. It is a specific challenge to all healthcare provider organizations. Healthcare demands that the physical space supports the therapeutic endeavors of all medical and caring staff, and the nurturing support of families and friends. Generative Space offers a powerful way of understanding how to think beyond the design of the built environment, to create the capacity for expanding the impact of the physical space by better integrating how people actually work and live within it. Despite the best intentions of architects, designers, planners and facilities managers, often the experience of working and living within the building falls short of aspirations. Many of the lessons from the discipline of “change management” can help make a powerful difference to the outcomes of all those seeking to create “A Place to Flourish”—for the design community, the healthcare staff, the patients, the communities and for all who depend on the resources these environments offer.

**Susan Kirkcaldy**, Director, Kirkcaldy Consulting Limited

## Transformation: Building a Sustainable Healthcare System

Winston Churchill said: “We shape our buildings. Afterwards, they shape us.” The current care delivery system is based on early 20th century “push” manufacturing ideas, which optimized the pieces. But “push” adds significantly to movement of patients and staff. This presentation looks at “pull” systems of care and the transformative potential of applying advanced lean principles to care delivery processes and the facilities that house those processes.

**David Chambers**, V.P. Healthcare Consulting, HOK

## Fostering Innovation in the Military Health System

Healthcare infrastructure is one of DoD’s key domains towards achieving World Class Healthcare Facility standards. While the MHS annually spends billions on its extensive medical facilities, no focused organization/platform exists to coordinate, conduct, and contain studies on improving the built-environment ROI. The MHS has embarked on developing a platform that synchronizes and coordinates studied, system-wide. This session will present the experience towards development of such a platform.

**Thomas E. Harvey Jr. FAIA, MPH, FACHA**, Senior Partner, HKS Architects

**Phyllis Kaplan**, Senior Health Facilities Architect, Department of Defense (DoD)

**Debajyoti Pati, Ph.D., FIIA, LEED AP**, Executive Director, CADRE, Rockwell Endowment Prof., Texas Tech University

## Student Teachers: Design Solutions for Interprofessional Care Delivery

The Vanderbilt Program in Interprofessional Learning (VPIL) is a collaborative educational program between Vanderbilt University's Schools of Medicine and Nursing, Belmont and Lipscomb Colleges of Pharmacy, and Tennessee State University's Master of Social Work program. We are completing our second year of implementation. Beginning in 2010, interprofessional teams consisting of medical, advanced practice nursing, pharmacy and social work students were placed in ambulatory clinic settings one half-day a week to work and learn throughout the duration of their degree programs. As a capstone to their two-year interprofessional education experience, student teams were challenged to design new health care delivery spaces and processes that focus on patient needs, interprofessional team-based care and workplace learning.

**Ann M. McGauran, AIA**, MMHCOperations and Strategy Consultant, FreemanWhite; Adjunct Faculty, Vanderbilt University School of Nursing

**Heather Davidson Ph.D.**, Director of Program Development for the Vanderbilt Program in Interprofessional, Assistant Professor of Medical Education and Administration

**Katherine Kennon AIA, M.Arch.**, Architect/Facility Planner, Space and Facilities Planning, Vanderbilt University Medical Center

**Josh Stewart, AIA, LEED AP**, Architect, Thomas, Miller and Partners, PLLC

## A Campus Culture Transformation: Rush University Medical Center

When Rush University Medical Center engaged Perkins+Will in 2006 to plan and design their new 1,000,000 square foot medical campus, addressing the scale and complexity of the project required innovative and deeply collaborative methods. Rush's vision of building a campus around an improved patient and family experience fostered an "inside-out" approach, starting with the immersion of a dedicated design team (including hospital leadership and construction management) on campus to work directly alongside doctors and staff who both figuratively and literally helped shape the future configuration of the new hospital and campus. The resulting plan achieves a new level of user friendliness, sustainability and operational efficiency. Owner and design team representatives will discuss in detail how the architectural evolution of this medical campus has reinvigorated the culture of clinical excellence and patient care at Rush.

**Ken Gorman, V.P.**, Power Construction LLC

**Ralph Johnson, FAIA, LEED AP**, Design Principal, Chicago, Perkins+Will

**Eileen M. Dwyer MS, RN**, Former Director of Office Transformation, Rush University Medical Center

## Big Impact of a Small Project

Many hospitals today are aging, but a new campus isn't feasible—especially in urban areas. This case study reviews an array of innovative design solutions employed so an urban hospital could expand its programs... without building a new facility. The focus will be on sustainability (storm water, roof garden), reuse (maximize potential of existing facility), linkages (manipulation of space and terrain to connect with existing hospital), design (new cancer center and operating rooms), and setting (tight urban location).

**Timothy A. Fecker AIA LEED AP**, V.P. Architecture, Lillibridge Healthcare Services, Inc.

**Timothy J. Hughes**, V.P. Business Development, Lawrence Hospital Center

## Collaboration and Planning Tips for Replacing the "Heart" of a Hospital

The Palos Community Hospital team will share lessons learned for a \$420 million campus transformation project that involved relocating the central plant or "heart" of the hospital to accommodate a bed tower addition. The team will discuss the collaborative planning and delivery approach. Topics include a review of the planning steps, backup plans, and unforeseen conditions handled to account for the countless shutdowns, changeovers, and integration required keeping the facility operational.

**Marty Baron**, V.P. of Facilities and Systems Management, Palos Community Hospital

**William C. Rudd AIA**, Senior Associate, Matthei & Colin Associates

**Eric Vandenbrouke PE, LEED AP**, Associate Principal, KJWW Engineering Consultants

4:15 PM - 5:15 PM

## Ergonomics: Supporting the Human Face of Generative Space

Ergonomics, the "science of work," blends art and science to optimize how people successfully interact with products in places. This is especially relevant to healthcare settings where professionals must maintain a high level of performance, where errors can prove fatal, and where the quality of the patient experience is of paramount importance. Ergonomics informs the design process so that products and places better fit human needs. Like generative space, and out of necessity, ergonomics is a process of continual evaluation and evolution as people, products, practices and places change over time. The goal of generative space is the creation of places that grow, change, and flourish over time and ergonomics can play a synergistic role in facilitating this process. This presentation will examine the benefits that ergonomics can bring to the generative space design process.

**Alan Hedge, Ph.D.**, CPE, Director, Human Factors and Ergonomics Laboratory, Cornell University

## The Russian-American Medical Center in Tver, Russia

The Russian-American Medical Center is a case study for planning and designing a hospital that is responsive to healthcare reform, local demands, and medical tourism all at the same time. Presenters will explore regional healthcare indicators affecting the business plan and the facility program. The project is a US-standard, JCI-certified hospital. The session will address cultural, financial, operational and architectural aspects of the project.

**Randall D. Ariett**, President, Chief Executive Officer & Managing Director, American Hospital Management Company

**Irina Nikolaevna AksenoVA, Ph.D.**, Founder, Uppervolga Institute

**Frank Swaans**, Senior Healthcare Planner, Gresham, Smith and Partners

## Toronto Rehabilitation Institute Takes on its New Role Within the Community

TRI is a merger of five rehab centers, providing specialized rehab care. The main center has been redeveloped with a new 16 story wing—seven floors of inpatient beds, five research floors, two outpatient clinic floors, two floors of support space and roof gardens, with renovated floors supporting similar functions. The facility has now been occupied for a year (including the iDAPT research lab), supporting TRI's goal of exemplarily patient care and integrated research and teaching.

**Jim McCullam**, Principal, Stantec Architecture Ltd.

**Chris Pickard, B. Arch.**, Toronto Rehabilitation Institute, Director, Capital Planning and Project Management

## Reinventing Psychiatry and Behavioral Health Design in Urban Environment

Current psychiatric care models developed in 1960's and 1970's are outdated. In the last ten years the number of Americans receiving mental help increased by 87.6% and total expenditures are up 63.4%. The new care model is characterized by less funds, more acutely ill patients, one-on-one staffing, intensive monitoring, shorter period of care, increased role of outpatient care and reintegration notion. HOK designed the new Stone Institute of Psychiatry and measured outcomes in a post occupancy evaluation.

**Mark Banholzer**, V.P., Design Principal Healthcare, HOK

**Julie Havens**, Associate, Medical Planner, HOK

**Vlad Torskiy, AIA, AEA, LEAN Healthcare CP, MSA, MAA**, V.P. Healthcare, HOK

## The Deconstructed Workspace for Medical Staff

Dutch hospitals are drastically changing the work environments, and thus the nature of work, for medical staff. Individual offices are sacrificed and transformed into knowledge centers in order to optimize work flow, optimize use of space, better accommodate patients, and create work environments within buildings that have infrastructures and structures that fully support change. This session will share how some of the newest Dutch hospitals did away with individual offices and got away with it!

**Fiona de Vos Ph.D.**, Owner, Studio dVO

## Technology Interoperability at the Bedside—Maximizing the Value of Your Systems and Equipment

New government regulations require implementation of Electronic Medical Record keeping to achieve "meaningful use." While every department and every professional in the hospital will feel the effect of EMR roll-out, one area of significant impact is nursing. Much of the information captured in a patient's medical record is generated by medical devices. Today, nurse call and similar bedside systems have evolved to play a central role in monitoring patient safety and tracking care activities while capturing, managing, and displaying information related to direct patient care. Integrating multiple technologies at the bedside to achieve true interoperability has become a necessary element of successful EMR roll-out.

**Vicki Bechet, BSN, RNC**, Project Manager, Gene Burton & Associates

**Terry Miller B.S., E.E.**, Executive V.P., Gene Burton & Associates

## Lower Operating Costs by Merging BIM + Facility Management + Operations

Key players will present solutions realized at Ridgeview Medical Center in Waconia, MN, including efficiencies gained and measured results from the effort of merging both Facilities Management with computer Building Information Modeling (BIM). The impact of this effort dove-tailed into the day-to-day operations will lower operating expenses. Ultimately, technology has evolved to allow these complex systems and tracking programs to be merged into one single database.

**John Albers AIA, LEED AP**, Senior Project Manager, Healthcare Market Sector Leader, Leo A Daly

**Joy Beers, PE, SE, LEED AP BD+C**, Building Information Modeling (BIM) Manager, Structural Engineer, Leo A Daly

**Maria Jordan, CPPM**, Business Development, Leo A Daly

**Eric StadsvoId PE**, Sr. Industrial Project Engineer, Leo A. Daly

**Todd Wilkening**, Director of Facility Services & V.P. of Research for Institute of Facility Manager, Ridgeview Medical Center



# Conference | Thursday

Thursday, October 4, 2012

8:00 AM - 9:00 AM

## Coordinated Teamwork Can Produce High-Tech Innovations

This session will illustrate the technical innovations of St. Mary's Good Samaritan Regional Health Center in Mt. Vernon, IL. During the course of the project the cohesiveness of the client, contractor and design firm resulted in multiple innovations and success stories that resonate as an example of efficient project delivery. The team used a paperless workflow system and ushered in environmental stewardship to achieve a facility that is Energy Star and Green Guide for Healthcare listed.

**Mike Armstrong**, Director of Plant Operations, St. Mary's Good Samaritan Inc.

**Jeff Boyer**, Operations Director, McCarthy Building Companies, Inc.

**Andy Poirot**, Project Manager, McCarthy Building Companies

**Derek Selke**, Director of Architecture, BSA LifeStructures

## Collaboration Saves Resources at The Ohio State University Medical Center

Construction of the James Cancer Hospital and Solove Research Institute at The Ohio State University is on track for its scheduled 2014 opening. In early 2011, OSU added a radiation oncology treatment center to the project scope to utilize a \$100 million donation, which changed the structural design significantly. Since the structural steel package had been ordered and partially fabricated, the structural engineer and steel fabricator collaborated to reuse over 90% of the original steel.

**Faz Ehsan**, Senior Principal, Thornton Tomasetti

**Ben Merkle**, Assistant General Manager, Cives Steel Company

**Monica Shripka**, Upper Midwest Regional Engineer, American Institute of Steel Construction

## Use of Lean Methodologies in the Re-Design of an Emergency Department

Loyola University Medical Center turned to Lean Methodologies to provide the best care possible for their patients when redesigning their Emergency Department. The process produced dramatic results including increasing overall efficiency of the unit by 38%. Through a Design Build partnership with Walsh Construction the project was able to accelerate the project schedule and reduce costs. But most importantly, it gives the ED patients what they deserve: the best care that can be provided.

**Thomas Caplis**, Healthcare Program Manager, The Walsh Group

**Mark Cichon D.O., FACEP/FACOEP (dist.)**, Director of Emergency Medical Services, Loyola University Medical Center

**John Czarnecki, AIA, LEED AP**, Director of PreConstruction, The Walsh Group

**Gregory Horner, MA, CSSBB**, Director of Operational Excellence, University of Chicago Medical Center

## A Suite Discussion: Why Suites are So Sweet

It might sound corny but using suites in your healthcare facility is really sweet. This presentation will provide an overview of how suite requirements have evolved and how they can be applied to a wide variety of applications for existing facilities and new designs. Some of the common compliance and operational issues that can be remedied by applying suite requirements to a space will be discussed.

**Jennifer L. Frecker**, Manager, Koffel Associates, Inc.

**Sarina Hart P.E.**, Senior Fire Protection Engineer, Koffel Associates, Inc.

## What Providers Need to Prosper the Next 50 Years: Planning Meets Operations

Planners are tasked with finding solutions that deliver long-term value to providers. This presentation illustrates new methodologies, practices, and approaches used to deliver the "value" solutions providers are seeking. Simulation modeling lean and automation will be presented as a few of the ideas that can be leveraged to achieve a high performance hospital. The \$1 billion transformation program at Rush University Medical Center in Chicago will be presented as a successful example.

**Craig L. Miller, CCM**, Senior Project Manager, Jacobs

9:15 AM - 10:15 AM

## Epigenetic Design Session 3: Application of Design Criteria for Enhanced Wayfinding, Reduced LOS, and Enhancing ROI... Through the Lens of Generative Space



See Session 1 on page 5 for description.

## The Good, The Bad and 20 Lessons Learned After the Dust Settled

Imagine a hospital that has an annual volume of 3,000 heart cath, 160 major heart surgeries, 200 vascular and thoracic procedures, and is ranked by HealthGrades in the top five percent in the nation for Overall Cardiac Care and Cardiac Surgery. This is not your typical 120-bed hospital! This session will explore the process of moving from the old hospital to the new greenfield site and identify lessons learned, to aid in your transition and ensure your final building is improved.

**Kevin Crook**, Consultant

**Virginia B. Dempsey, RN, BSN, MBA**, President, Saint Joseph London

Complete session descriptions and up-to-date speakers are available at [www.hcarefacilities.com](http://www.hcarefacilities.com)

Please visit for expanded information on all sessions!

## Transforming Outpatient Design: Programmability and the Patient Experience

When Spectrum Health, a non-profit, award-winning US Top 10 health system bolstered its physician network by acquiring several large medical groups in 2009, it desired a new outpatient facility model; one that responded to market volatility, expressed its mission, and established a new standard for programmability. Key team members will share how they used planning principles to remove architectural and physical obstacles and how they identified and quantified optimal patient/staff environments.

**Michael C. Corby, FAIA, LEED AP**, Executive V.P., Integrated Architecture

**Alan Kranzo**, Director, Facility Planning and Operations, Spectrum Health Medical Group

**Lon Morrison AIA**, Director, Facilities Planning, Design & Construction, Spectrum Health

**James M. Tucci, MD, MMM**, President, Spectrum Health Medical Group

## Implementation of an Electronic Environment of Care Rounding Tool at an Integrated Healthcare System

This presentation will detail how Advocate Health Care, through a consistent system-wide approach, has streamlined the EOC rounding process and corresponding knowledge sharing on all ten of its hospital campuses. This highly integrated approach utilizes web-based and mobile technology databases, combined with a streamlined approach to the EOC rounding process and zone definition. The consistent system-wide approach enables the sharing of best practices and allows for the trending and analysis of data at a site and system level. The web-based technology has enabled Advocate to make data driven decisions such as system-wide computer based training for contractors and the standardization of policies across the system.

**John Alsterda R.A. March CHFM**, Manager of Regulatory Compliance, Advocate Health Care

**Theodore T. Pappas, V.P.**, Facility Consulting Division, Advanced Technologies Group, Inc.

**Allison Wyler MS**, Manager of Support Services, Advocate Good Shepherd Hospital

## MODA Project—Planning and Sustainability for a Saudi Arabian Medical City

The MODA Project, a new medical city for the Ministry of Defense and Aviation in Saudi Arabia, is a 7,500 bed specialty hospital campus being designed on a 4.5 square-mile site. The project, a five-phase + future plan, will provide Saudi Arabia with one of the most advanced medical treatment and education campuses in the world. The team will discuss their approach to mega-campus planning for this type of complex, while considering world-class service, security, education and sustainability.

**Eric Dinges AIA**, Principal - Project Manager, RTKL Associates, Inc.

**Keith Guidry, V.P.** - Project PIC, RTKL Associates, Inc.

**T. Scott Rawlings, AIA, FACHA, LEED AP, V.P.** - Healthcare Design Leader, RTKL Associates, Inc.

**John Saad, LEED AP, HFDP**, Managing Principal, Vanderweil Engineers

## Tuesday, October 2, 2012

7:30 AM - 8:30 AM

### Welcoming Continental Breakfast

Kick off your 2012 HFSE experience by coming together with all your peers for the Welcoming Continental Breakfast. *Open to conference attendees, speakers and members of the press.*

12:45 PM - 2:00 PM

### Symposium Networking Luncheon

*Open to conference attendees only.*

4:30 PM - 6:30 PM

### Symposium Party in the Exhibit Hall

Celebrate the 25th anniversary of the Symposium! 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. The Annual Raffle will take place with amazing prizes and 100% of the proceeds going to the Pet Partners (formerly Delta Society). Pet Partners is dedicated to improving human health through therapy and service animals. This year's donation will be made in George Pressler's memory.

*Open to conference attendees only.*

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## Wednesday, October 3, 2012

7:00 AM - 8:00 AM

### Continental Breakfast

*Open to conference attendees only.*

10:00 AM - 3:00 PM

### Exhibit Hall Open

10:30 AM - 2:45 PM

### Learning Lounge

All attendees are welcome to attend these interesting and informative talks presented in an open theater on the exhibition floor.

2:00 PM - 3:00 PM

### Exhibition Hall Closing Reception

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

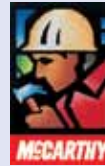
6:00 PM - 8:00 PM

### Humanscale Networking Mixer

Network in a Humanscale Designed Environment. Visit the Humanscale showroom at the Merchandise Mart and view products while enjoying drinks, appetizers and networking with colleagues.



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## Thursday, October, 2012

7:00 AM - 8:00 AM

### Continental Breakfast

*Open to conference attendees only.*

## THE SYMPOSIUM DISTINCTION AWARDS

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, October 2nd and 3rd, during regular exhibition hours and participate in a panel discussion on October 3rd.

### Award Categories

- Team Award
- Product Awards:
  - Most Innovative
  - Most Sustainable
  - Architects' Choice
  - Best in Show
- User-Centered Award
- Individual Award

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To enter the 2012 Symposium Distinction Awards please visit [www.hcarefacilities.com/awards.asp](http://www.hcarefacilities.com/awards.asp)

**Entry deadline: July 27, 2012**

## Facility Tours

Monday, October 1 • 2:00 - 3:30 PM

### PRE-CONFERENCE TOUR: 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 for this tour visit [www.hcarefacilities.com](http://www.hcarefacilities.com) for more information.**

Thursday, October 4 • 11:30 AM - 3:30 PM

### TOUR #1: Ann & Robert H. Lurie Children's Hospital

Learn how Lurie Children's Hospital of Chicago engaged over twenty of the cultural icons of the city in the design of this 1.25 million square foot children's hospital, opening in June of 2012. From the minute you walk into the lobby and see a 30 foot whale and her calf, to the real fire truck on the 12th floor, you will realize that the healing environments in this new facility are not your typical approach to interior design.

### TOUR #2: Rush University Medical Center

When Rush University Medical Center engaged Perkins+Will in 2006 to plan and design their new 1,000,000 square foot medical campus, addressing the scale and complexity of the project required innovative collaborative methods. Rush's vision of building a campus around an improved patient and family experience fostered an "inside-out" approach, starting with the immersion of a design team on campus to work alongside doctors and staff. Owner and design team will discuss how the architectural evolution of this medical campus has reinvigorated the culture of clinical excellence and patient care at Rush.

### TOUR #3: North Park Simulation Center

North Park University's School of Nursing programs are now enhanced by the opening of the Nurse Training Center, a facility that features four nursing simulation laboratories. Two of the four labs are dedicated to general nursing education; the other two simulate Intensive Care Unit and Labor/Delivery/Recovery environments. All four of the labs are fully equipped with functional hospital equipment, simulation dolls and video recording equipment to capture and play back student performance in real life treatment situations.

# Exhibit Hall

OPEN TO ALL  
ATTENDEES!

## Healing Garden

Tuesday, October 2 • 4:30 PM - 6:30 PM

Wednesday, October 3 • 10:00 AM - 3:00 PM

Take a break and visit the Healing Garden in the Exhibit Hall. Experience the design components and therapeutic elements that make this place *healing*. Learn how Healing Gardens benefit patients by improving medical outcomes, reducing stress, and elevating the immune system.

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### Wednesday, October 3

10:30 AM - 11:00 AM

#### **The Green House Project: A LTC Transformational Model**

**Anna Ortigara**, Resource Development Director,  
NCB Capital Impact

11:15 AM - 11:45 AM

#### **Effective Acoustic Planning and Design for Healing Environments**

**Chris Papadimos**, Principal, Papadimos Group  
**Roman Wowk**, Associate, Papadimos Group

12:00 PM - 12:30 PM

#### **How Digital Screen Media is Changing the Face of the Healthcare Environment**

**Linda Hofflander**, Chief Strategy Officer, Saddle  
Ranch Digital

12:45 PM - 1:15 PM

#### **Lighting The Way To Better Healthcare Environments: A Balancing Act**

**Shannon Kaplan, PE, LC, LEED AP BD+C**,  
Project Manager/Lighting Designer, InPosse, LLC

1:30 PM - 2:00 PM

#### **What Gives a Garden its Healing Power?**

**Geoffrey Roehll ASLA**, Senior Vice President,  
Hitchcock Design Group

2:15 PM - 2:45 PM

#### **Green Building Certification Benefits for Hospitals & Healthcare Facilities**

**Joseph Maguire MS, SFP**, President, Co-Founder,  
Society of Environmentally Responsible Facilities  
**Stan Samuel MS**, Director of Sustainable Construction,  
Society of Environmentally Responsible Facilities

## Register for a FREE EXPO PASS... visit the Exhibit Hall and attend education sessions in the Learning Lounge.

### The Exhibitors/Sponsors

More than 200 companies will be displaying their products and services in the Exhibit Hall. The following is a partial list of our show participants as of May 1, 2012. Check the event website for updates.

Abhi's Photos  
Acuity Brands  
Advanced Cabinet Systems  
ALCOA Reynobond | Reynolux  
Altro Floor + Wall Systems  
Ambius  
American Institute of Steel  
Construction  
Amico Corporation  
Amri Studio  
APCO Sign Systems  
Armstrong Medical Industries,  
Inc.  
Aspen Street Architects  
ASSA ABLOY Entrance Systems  
Aurora Storage Product, Inc.  
Avonite Surfaces  
BASF Construction Chemicals  
BEA, Inc.  
Besam  
BlueWater Technologies  
BOLYU  
Cannon Design  
Carpenters International Training  
Fund  
Centiva  
CertainTeed  
Clark Construction  
Clean Work Booth Inc.  
CO Architects  
Commissioning Agents, Inc.  
Construction Specialties  
Copper Development Association  
CPI Daylighting  
Creteseal  
CuVerro - Olin Brass  
Daniel Sharpsmart  
Demilec (USA) LLC  
Diebold  
Draper Inc.  
Dryvit Systems  
DSM  
Dwyer Instruments, Inc.  
Eckenhoff Saunders Architects  
Edwards  
Electronic Bread Crumbs  
Elkay  
ENGSudios BIM Services  
EOS Surfaces  
ETS Lindgren  
Everbrite Lighting

EwingCole  
Fabricut Contract  
FEC Heliports  
Francis Cauffman  
Frontier Construction  
Gate Precast Company  
GCX  
HDR Architecture  
Health Environment Art Services  
Heery International  
Hensel Phelps Construction Co.  
HKS  
HOK  
HSI (Hospital Systems, Inc.)  
Humanscale Healthcare  
Hunter Panels  
ID Signsystems/Rye Creek  
Design  
IMEDCO America LTD  
inLighten Inc.

NBBJ  
NIKA Architects + Engineers  
Novus Environmental  
Osram Sylvania  
PDi Communication Systems  
Perkins+Will  
Phoenix Controls  
Poblocki Sign Company  
Radical Computing Corporation  
Ragnar Benson Construction  
Rain Bird  
RTKL Associates Inc.  
RWDI Consulting Engineers  
S&S Technology  
Schluter Systems L.P.  
Service Master Recovery  
Management  
Shannon Sales - Specialty Floors  
SidePlate Systems, Inc.  
Sika Corporation  
SimplexGrinnell  
SiteFM  
Sizewise  
Skender Construction  
Sky Factory  
Skyfold Custom Power Partitions  
Specified Technologies Inc.  
Spectrim Building Products, LLC  
Stantec Architecture, Inc.  
Steril - Aire, Inc.  
Strategic Initial Outfitting  
Transition Solutions (SIOTS)  
Stryker Corporation  
Swank Healthcare  
Swanstone  
TAYLOR  
Tech Design Floors  
Tee Jay Service/ Horton Automatics  
TeleHealth Services  
The Blue Book Building and  
Construction Network  
The WorkingBuildings Companies  
TownSteel, Inc.  
UV Resources  
Vertical Aeronautics International  
Videx, Inc.  
Walden Structures  
Walsh Construction Co.  
Wausau Window and Wall  
Systems  
West-Com Nurse Call Systems, Inc.

#### EXHIBIT HALL HOURS:

##### Tuesday, October 2

4:30 PM - 6:30 PM

(conference attendee preview)

##### Wednesday, October 3

10:00 AM - 3:00 PM

For information on exhibits and sponsorships, please contact Nancy Jo Hauck at 203-416-1770 or [nj@jdevents.com](mailto:nj@jdevents.com).



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# Registration

## REGISTRATION OPTIONS:

	<b>Deadlines:</b>	<b>Early-Bird Pricing</b> Through Aug. 3	<b>Late Advance Pricing</b> Aug. 4–Oct. 1	<b>Onsite Pricing</b>
<b>Full Conference Pass</b> Includes 2 ½ Days of Conference Sessions, 2 Days of Exhibit Hall, Keynotes & Receptions, Access to Online Presentations <b>Does NOT include Pre-conference Workshop or Facility Tours</b>		Architects/Other: \$995 Healthcare Facilities: \$745	\$1,295 \$975	\$1,495 \$1,125
<b>One-Day Conference Pass</b> (Wednesday only) Access to Conference Sessions, Exhibit Hall, Keynotes & Receptions on Wednesday, Oct. 3 only		\$395	\$595	\$795
<b>Generative Space Bootcamp</b> Monday, October 1, 2012, 12:30 PM–6:00 PM <b>Workshop is NOT available with Exhibit Hall &amp; Keynote Pass</b>		\$395	\$495	N/A
<b>Facility Tours</b> October 4, 2012, 11:30 AM–3:30 PM: • TOUR #1: Lurie Children’s Hospital • TOUR #2: Rush University Medical Center • TOUR #3: North Park Simulation Center <b>Tours can ONLY be added to a Full Conference Pass</b>		\$50	\$50	N/A
<b>Exhibit Hall &amp; Keynote Pass</b> Includes admission to Exhibit Hall, Keynote, and Learning Lounge sessions.		\$0	\$0	\$50
<b>Exhibit Hall &amp; Keynote Pass for Manufacturers</b> Includes admission to Exhibit Hall, Keynote, and Learning Lounge sessions.		\$195	\$245	\$295

## HOW TO REGISTER:

**Web** [www.hcarefacilities.com](http://www.hcarefacilities.com)  
**Phone** 203-371-6322  
**Fax** Download registration form from [www.hcarefacilities.com](http://www.hcarefacilities.com) and fax to 203-371-8894  
**Mail** Download registration form from [www.hcarefacilities.com](http://www.hcarefacilities.com) and mail to:  
HFSE c/o JD Events  
5520 Park Avenue, Suite 305  
Trumbull, CT 06611

## Group Rates

Bring the entire team! Discounts start with groups of just three or more. For more details please contact us at 203-371-6322 or [jennifer@jdevents.com](mailto:jennifer@jdevents.com)

## Special Pricing:

Government and Academic rates are available. Call 203-371-6322 to inquire.

Corporate PO's are not accepted.

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.

## Your Satisfaction is Guaranteed!

We're so confident you'll benefit from your experience, your registration fee is 100% guaranteed! Get your money's worth... or get your money back!

This guarantee covers your registration fee but not travel, hotel or any other expenses incurred. Written notice of all claims must be submitted, in writing, to show management within 10 days of the event. "No-shows" are not eligible. This does not apply to schedule/presenter changes.

**Please visit [www.hcarefacilities.com](http://www.hcarefacilities.com) for our cancellation policy.**



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## Hotel Reservations

HFSE has reserved a limited number of rooms at the Swissôtel Chicago. The deadline for these discounted rates is Friday, August 30, 2012. Please see [www.hcarefacilities.com/travel.asp](http://www.hcarefacilities.com/travel.asp) or call 888-73-SWISS (888-737-9477) and mention Healthcare Facilities Symposium for discounted rates and reservation information. Free shuttle bus service will be provided between the Swissôtel Chicago and Navy Pier during all three days of the event. **Please be sure to make your reservations early, as rooms fill up quickly and are available on a first-come, first-served basis.**



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**October 1, 2012**

**CONFERENCE**  
**October 2-4, 2012**

**EXHIBITS**  
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## This is my Symposium...



THOMPSON

**This is my Symposium** because it is the most client/institution focused healthcare conference available to healthcare architects year in and year out. I cannot remember exactly which Symposium was my first but I know it was a single digit so perhaps for 20 years I have been a regular participant. I consider it a **professional highlight of the year from a networking, educational perspective** and a time to catch up with friends and peers. As an architect, Chicago is the perfect venue.

**Ward Thompson, Associate, HMC Architects**



RIDENOUR

**This is my Symposium** because year after year, it features valuable case studies, representing **innovative and creative voices of design, healthcare leadership, patients, staff, construction and industry**, showing how they engage and support each other. These dialogues are critical to learning how we can work together effectively.

**Annette Ridenour, President, Aesthetics, Inc.**

**This is my Symposium** because, for a few precious days each year, I am able to renew my own personal mission statement (creating environments for our health system's healing ministries) by focusing my time and attention toward education with subject matter experts who are willing to share best practices in healthcare planning, design and construction. **When I return to work, I feel informed, reenergized and ready to lead** my team with confidence.

**David J. Vitka, VP, Facility Planning, Catholic Health**



VITKA

**This is my Symposium** because it is about using experience to create a better industry. I learn from leaders in the healthcare industry whose expertise spans executive administration, architecture, engineering, construction, and patient care. When I view their different experiences through my focus (healthcare technology), I can begin to visualize all the different ways technology can and perhaps will play a huge part in tomorrow's healthcare world. **It's this world class group of leaders that inform me of knowledge and experiences I cannot possibly acquire on my own**, allowing me to see new possibilities for my particular expertise to help improve their project.

**Grant Ramsay, Principal, Director of Technology design, exp US Services Inc.**



RAMSAY

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