

insight

Newsletter for the **Center for Health Systems & Design**

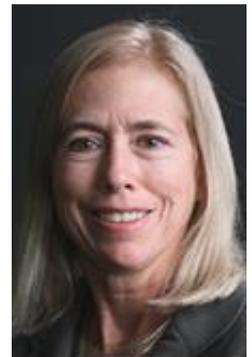
<http://chsd.arch.tamu.edu/>

Health Industry
Advisory Council
12th Annual Meeting
October 16-17, 2014

Design prof's new book to aid development of childrens' ICUs



A new book aiding clinicians tasked with planning new pediatric and neonatal intensive care environments, authored by Mardelle McCuskey Shepley, director of Texas A&M's Center for Health Systems and Design is receiving favorable reviews.



A new book by Mardelle McCuskey Shepley, director of the Center for Health Systems and design of new pediatric and neonatal intensive care units.

<http://one.arch.tamu.edu/news/2014/5/15/design-profs-new-book/>



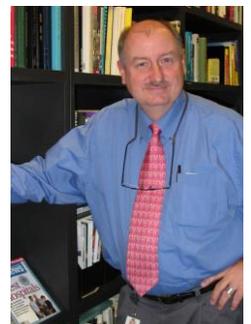
Global healthcare design group honors Mann's teaching career

In the nearly half-century since joining the Texas A&M design faculty, George J. Mann has led more than 700 healthcare facility design projects; many of his former students are now principals at some of the world's leading design firms, helping shape the direction of healthcare facility design.

For more about this story, <http://one.arch.tamu.edu/news/2014/7/14/global-healthcare-teaching-career/>

Rigor and Research in Healthcare Design: A Decade of Advocacy

We are pleased to announce that *Rigor and Research in Healthcare Design: A Decade of Advocacy* has been published by [Herman Miller Healthcare](#). This book is a compendium of Kirk Hamilton's best evidence-based design writings from the HERD Journal and *Healthcare Design* magazine. The book is divided into nine topic areas, with a foreword by Roger Ulrich and the conclusion written by Kirk titled, "The Way Forward," and provides interesting and inspiring insights into the future of healthcare



design. Some of the topics include using research to make better decisions, new practice models, collaboration, design education, and lessons from a larger world. This book is available from Herman Miller for \$10. Contact Phyllis Goetz (phyllis_goetz@hermanmiller.com), Roger Call (roger_call@hermanmiller.com), or Anne Parks (anne_parks@hermanmiller.com) to get more information and place your order.

CHSD Boot Camp Graduates Another Class of Design Researchers

In spring of 2014, the Center for Health Systems and Design (CHSD) held their 4th Evidence-Based Design Boot Camp with participants from architecture firms and the M.D. Anderson Medical Center. The event was decreed to be a success. Peter Stanley of ArchiLOGIX commented “I have attended a lot of workshops over my career but the EBD Bootcamp was far and away the best application of useful, practitioner based information that could be brought back to our office and used immediately in our practice. I really do think it was the best value in a continuing education environment I have had in many years.” Inspired by requests from practitioners for training in design research, the first boot camp took place in 2010. Seven to eight experienced faculty fellows from three departments collaborate to provide the course content. One architect commented, “It’s an honor to learn from several renowned scholars all in one location.” Additional input is provided via graduate students who are matched with participants to conduct literature reviews.

The structure of the boot camp is founded on the relationship between research and practice. Participants bring a proposed research project to the camp and learn how to translate this proposal into a potential study. This is accomplished over a 2-1/2 day event that covers a range of topics including how to convert design questions into research hypotheses, techniques for identifying literature, and understanding the financial return on investment associated with incorporating evidence-based design features. Camp activities take place on the TAMU campus and in the participant hotel. Firms that have attended include ArchiLOGIX, Cannon Design, Ellerbe Becket, HDR, HGA, Odell, and Perkins Eastman.

In addition to 14 hours of CEU credits, participants receive a set of DVDs that describe the design of outdoor environments for seniors and offer an additional 3 CEU credits. Other highlights are participation in the Department of Architecture’s health lecture series.

Encouraged by positive feedback, camp faculty plan to provide the next event in fall 2014. “This was like going to the Super Bowl of evidence-based knowledge,” said one participant.



Christine receiving her Certificate of Completion, 2010



Class of 2014

News and notes...

Jun-Hyun Kim has been elected Region 3 director of the Council of Educators In Landscape Architecture.

A global landscape architecture education organization's policies will be carried out in a six-state area of the United States by **Jun-Hyun Kim**, assistant professor of landscape architecture at Texas A&M. Kim was elected by the Council of Educators in Landscape Architecture's board of directors to serve a three-year term as its Region 3 director, an area that includes Texas, Colorado, New Mexico, Oklahoma, Louisiana, and Arkansas.

CELA's regional directors sit on the organization's board and serve as their respective region's executive officer, surveying region members, coordinating regional meetings, keeping a file of regional records and correspondence and attending board meetings. The council, established in 1920, advocates and provides a forum for landscape architecture education programs and fosters and disseminates landscape architectural scholarship with its refereed publication, *Landscape Journal*. CELA is composed of virtually all the landscape architecture programs of higher learning in the United States, Canada, Australia and New Zealand.

Ustawi Update from Macharia Waruingi, Faculty Fellow, CHSD

2013 was an exciting year at Ustawi particularly due to activities surrounding the Thompson & Grace Medical University project, a proposed world-class destination academic medical center in Akwa Ibom State, in the Niger Delta, Nigeria. The rich endowment with natural resources notwithstanding, a stunning problem is the gross underdevelopment, widespread underemployment, extreme poverty, and lack of proper or adequate infrastructure. For more information.. <http://one.arch.tamu.edu/news/2014/1/29/nigerians-receive-medical-city/>

The 5th International Symposium Health Care of the Future – Healing Architecture + Communication

CHSD Fellows Prof. Dr. Ruzica Bozovic Stamenovic and Prof. George J. Mann, Texas A&M University were Invited Speakers at the 5th International Symposium Health Care of the Future - Healing Architecture + Communication, chaired by Prof. Christine Nickl-Weller, Technical University of Berlin and held on 14th March at the Academy of Arts in Berlin, Germany.

The aim of the symposium was to question and elaborate forward-thinking concepts in health care by discussing the critical topics related to architecture, medicine, media, economy and society. The program was structured around four major themes: Communication + Health; Society + Health; Architecture + Health; Space + Health.

Prof. Bozovic Stamenovic spoke about hospital as social capital and green hospitals in Singapore explaining the relevance of hospital design for raising social connectedness and inclusion. Prof. Mann conveyed the importance of international collaboration and shared experiences in healthcare design teaching and practise.

The event gathered the international audience of 200 from academic, practice, politics and industries background and will be followed by a book to be published by German publisher Medizinisch-Wissenschaftliche Verlagsgesellschaft.

Earl Swensson Associates (ESa) Projects

NEA Baptist Memorial Health Care System Medical Campus, designed by ESa, represents the largest healthcare investment in Arkansas in the last decade. The Jonesboro, Arkansas campus opened for patients in January. Facilities include the NEA Baptist Memorial Hospital, a new, 181-bed replacement acute care hospital; NEA Baptist Clinic, a 213,000-square-foot multidisciplinary physician clinic connected, floor by floor to the

hospital; and the NEA Baptist Cancer Care Center, a new 32,873-square-foot facility providing state-of-the-art cancer treatment and support services. Nearly 100 physicians practice in 35 specialties in the five-story clinic. The cancer care center is the first of its kind in the region. The campus offers inpatient and outpatient services that include surgical services, neurology, open-heart surgery and labor and delivery through the hospital's Women's Center. On-site clinical research will provide patients with the opportunity to participate in cancer research studies and programs supporting patients and families of those diagnosed with serious illnesses. Twenty infusion spaces overlook an exterior healing garden surrounded by a stone wall. Natural light fills the two-story atrium lobby that has a transparent feel with the extensive use of glass.

Project Underway– Williamson Medical Center, Williamson County in Tennessee, broke ground in November 2013 for a \$65 million children's hospital and emergency department as well as expansion of the hospital's surgery suites. WMC and Vanderbilt University Medical Center are partnering on the **Project Underway**–Williamson Medical Center, Williamson County in Tennessee, broke ground in November 2013 for a \$65 million children's hospital and emergency department as well as expansion of the hospital's surgery suites. WMC and Vanderbilt University Medical Center are partnering on the children's hospital, which will be called the Monroe Carell, Jr. Children's Hospital Vanderbilt at Williamson Medical Center. The multiphase project consists of a 16,000-square-foot expansion and 38,000 square feet of renovations. The additions include two three-story towers. Anticipated completion is slated for early 2015. www.esarch.com



Nea Baptist Memorial Health Care



Williamson Medical Center

Collaboration and Quality on MD Anderson Cancer Center's Alkek Tower Inspire 2014 Vista Award Received by HKS and McCarthy

The University of Texas MD Anderson Cancer Center Alkek Hospital expansion, constructed by the design-build team of HKS, Inc. and McCarthy Building Companies, Inc., recently received the 2014 Vista Award for New Construction from the American Society of Healthcare Engineering (ASHE). Since 1993, ASHE has presented Vista Awards to industry professionals annually for exceptional healthcare design and construction initiatives.

The project, which created a distinctive and dynamic addition to the Houston skyline, was constructed to meet the current and future needs of both physicians and patients. The \$240 million expansion added 12 stories on top of the hospital's existing 12-story facility. The 500,000 square feet of space includes five inpatient floors, a pharmacy, facility support space, an observation deck and three shell floors with space for future patient rooms.



Not only is a 12-story vertical expansion extremely rare, but building on top of an operational 12-story hospital is a significant challenge. Faced with numerous obstacles that ran the gamut from tight site space, minimizing noise, carefully managing infection control protocol, catastrophic weather conditions, active hospital operations and scheduling, McCarthy and HKS worked in close collaboration with hospital staff and other key team members to successfully complete this project on time and on budget. For approximately two years, the project was a 24/7 operation, taking client service and client expectations to new heights, literally. This collaborative team spirit between the design-build team and MD Anderson allowed McCarthy and HKS to test various design and construction concepts to arrive at the most cost effective solution for meeting the owner's goals and objectives for this project.

ASHE presented this project with the Vista Award during the Opening Session of the 2014 International Summit and Exhibition for Health Facility Planning, Design and Construction™ (PDC Summit), on March 17, 2014 in Orlando, Florida.

For more stories that involve students and researchers working with the Center for Health Systems & Design, go to

<http://one.arch.tamu.edu/news/tag/chsd%20gallery/>

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