featured in this issue

Aggies show talent at national conference charrette (page 6-7)

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RIPP launches to unite research, practice (page 15)

Architecture students design for Haiti (page 3)

Pictured left to right: Rachel Timm, Dr. Joseph McGraw, Tine Valera
CHSD welcomes three to ranks of faculty fellows

The CHSD faculty fellows approval the acceptance of three additional faculty fellows, Dr. Regina Bentley, Dr. Debra Harris and Dr. Zofia Rybkowski.

Regina Bentley, EdD, RN, CNE, holds the position of Associate Dean of Academic Affairs to the Texas A&M Health Science Center College of Nursing. Dr. Bentley’s areas of interest include: obstetrical and women’s health nursing, curriculum and evaluation of curriculum, cultural competency, peer mentoring, smoking cessation in pregnancy, and international service learning.

Debra Harris, PhD, is president of RAD Consultants, focusing on evidence-based strategic planning for healthcare systems, architects and designers and product developers. Harris is a consultant with more than 25 years of practice, specializing in healthcare facility design, assimilating research into evidence-based strategies, and environmental forensics.

Zofia Rybkowski, PhD, is a recent faculty addition to the Department of Construction Science. Dr. Rybkowski’s interests include evidence-based design, environmentally sustainable architecture and construction, life cycle cost analysis, and lean construction.

SHEA Spring slotted to engage with professionals

The Student Health Environments Association (SHEA), kicks off the spring semester with many scheduled events.

Events include: the weekly Architecture for Health Lecture Series, a combined SHEA and American Institute of Architectural Students (AIAS) forum featuring Alex Ling of HKS, a healthcare administration informational featuring the Texas A&M Health Science Center School of Rural Public Health, participation in Texas A&M’s Big Event, an American Institute of Architects-Academy of Architecture for Health (AIAA) Tuttle Fellowship information-al with past fellowship recipients, Piano Legacy hospital tour with PSP, a tour of HDR offices in Dallas and a scheduled SHEA potluck party to be hosted outside the Langford Architecture Center.

Architecture students design for Haiti

Students in the sophomore design studio directed by Dr. Susan Rodiek and Dr. Joseph McGraw work to respond to the recent earthquake in Haiti and its aftermath with their spring semester studio design project.

The Haiti project focuses on addressing the education and health deficiencies in Haiti society by providing prototype neighborhood elementary and high schools that address other related public issues including the need for functional medical clinics, public health education, training of the underemployed, a high level of orphans, the physically handicapped and traumatized, and injured children in need of long-term care.

The students began the first two weeks of the project gathering and sharing social, economic, governmental, educational and medical research coupled with up-to-date news on the environment since the 7.9 magnitude earthquake. Dr. McGraw explains the importance of including a scheduled time for research as it “provides the students additional opportunities to participate in the teaching/learning process of the studio by sharing individually gained knowledge with others.” McGraw continues to tout the research stage’s function in “providing a consensus foundation for additional and more detailed planning and design work.”

Students have shared important information on the statistics of the Haiti medical system that only provides one doctor for every two-thousand Haitians, the high infant mortality rates, the decline in population at age twenty-five, the lack of elementary and secondary education provided, overworked and poorly paid teachers and the influence and effects of HIV-AIDs.

Dr. McGraw expresses the importance of the on-the-ground knowledge gained by the students as, “an important foundation to design. These problems stimulate and deepen the students understanding providing resolution and realization to the challenges at hand.”

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HERD journal recognized by index

The Health Environments Research and Design Journal (HERD) has been recognized and included by scholarly indexes in its young life in publication. Typical professional magazines do not receive recognition and inclusion for scholarly indexing until well past five years of influential publication. The HERD journal has been recognized after only two years in print. Indexing is significant to allow scholarly journals to be available for calling up in an index with reliable and authoritative credentials.

“We are truly excited by having been selected for indexing,” says Kirk Hamilton, HERD Co-Editor. “And to have it arrive so soon is very nice support for our activity and emphasizes we seem to be doing what we hoped to achieve as editors.”

Mann receives first College of Architecture award for interdisciplinary efforts

The College of Architecture selected Professor George J. Mann to be the first recipient of the J. Thomas Regan Interdisciplinary Faculty Prize. The prize created by Aggie former students of the Dean’s Advisory Council aims to recognize College of Architecture faculty who exhibit exemplary leadership in the interdisciplinary studies of their students. The award is named after dean emeritus, J. Thomas Regan, who generously promoted the college faculty to reflect the interdisciplinary natural and built environment within the classroom setting.

Selection of the annual prize is made by the faculty holders of the three Harold L. Adams ‘61 Interdisciplinary Professorships. The prize to be awarded is designed by Professor Rodney C. Hill, holder of the Harold L. Adams ‘61 Endowed Interdisciplinary Professorship in Architecture.

Mann will be recognized and presented with the prize at the Department of Architecture Awards Ceremony in April, 2010.

Regan assembles architecture, construction group

Texas A&M’s former architecture dean, Thomas Regan, has organized a group aimed at strengthening the ties between construction and architectural education. The Architecture & Construction Alliance, or ArCa, is composed of the architecture and construction schools throughout the nation. ArCa aims to “promote integration of the two connected disciplines,” explains Regan, “and will give significant advantage to emerging students to be introduced in the profession.” ArCa will provide a venue online that will link faculty vitae, list ongoing and future research initiatives, allow for distributed funding, promote student integration, and share presented papers pertaining to the disciplines.

Faculty members from Texas A&M’s Department of Architecture presented the latest findings in sustainable health facility design at two international conferences in South America.

George Mann, professor of architecture, Kazuhiko Okamoto, and Ruka Okamoto, visiting professors of architecture, traveled to the 29th annual meeting of the International Union of Architects - Public Health Group (UIA-PHG) Nov. 4-6 in Buenos Aires to present “Toward Sustainable Design in Health and Hospital Facilities.” Mann, a member of the UIA-PHG since 1974, is the American Institute of Architects’ liaison to the group, and also a member of its executive leadership committee.

Kazuhiko Okamoto is an assistant professor at the University of Tokyo and recently returned from Texas A&M as a Kajima Corporation Visiting Scholar at Texas A&M.

The three then traveled to Rio de Janeiro, presenting “Megatrends in Health & Hospital Facility Design” to the 36th World Congress of the International Hospital Federation (IHF) Nov. 9-12.

Mann has led architecture for health studies at Texas A&M since 1966, in which students focus on case study approaches to health facility design that allows them to work on real projects, with actual clients and budgets. Through an interdisciplinary approach to problem solving, the studios encourage students to work with doctors and allied health professionals as well as experts in all of the built environment professions.

Kazuhiko Okamoto is interested in healthcare architecture and its management. His research examines the differences in design logic and evidence for medical and welfare facilities between the U.S. and Japan.
Texas A&M students presented in the Student Charrette sponsored by American Institute of Architects - Academy of Architecture for Health (AIA-AAH) and The STERIS Corporation at the Healthcare Design ’09 conference.

Aggie students Rana Zadeh, Haifeng Pan, Nicole Hoffman, Kashif Sayed, and Dyutima Jha worked to investigate and propose a design to an ‘Urgent Care Clinic for Tourists.’ They were allotted forty-eight hours to complete their solution. After completion, the teams presented their conceptual designs of the charrette to a jury composed of healthcare architects and designers.

The Aggie design exhibited a cohesive scheme involving detailed thought-processes of BIM energy analysis, Revit modeling, daylight and sun exposure affecting patient outcomes, staggering building penetration, light shelves, gardens providing a restorative atmosphere for staff and patients healing, clear wayfinding, social support spaces for positive escape and sense of control, flexibility, building orientation, and shaded walkways.

“The primary objective of the Charrette,” according to the AIA-AAH website, “is to stimulate critical inquiry, creative ideas, and interaction between students, faculty, and design professionals.”

The charrette teams present in a non-competitive environment that allows for the stimulation of health facility design interest among students.

The charrette planning committee includes: David Allison, AIA, Professor, Clemson University; Fernando Rodrigues, AIA, Vice President, HOK; Tushar Gupta, AIA, Principal WHR Architects; and Ken Webb, AIA, Principal, RTKL.

For more information of the AIA AAH & Steris Student Design Charrette, search online at: http://www.aia.org/practicing/groups/kc/AIAB028682

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Insight Newsletter: Spring 2010 • Center for Health Systems & Design
Health Industry Advisory Council Member-Firm Update

WHR Tradewell legacy continues

WHR Architects announces the selection of the 2010-2011 Tradewell Fellow, Stephanie Schwindel, Masters of Architecture May 2010 graduate from Texas A&M. During her year, Schwindel will receive direct mentorship from experienced leaders in the realm of master planning, programming, evidence-based design and research.

Kelly Egdorf, current Tradewell Fellow, recently attended the AIAS Conference in Minneapolis, MN to provide guidance to college-age architecture students on post-graduation opportunities. Egdorf is working on her Tradewell research project – a case study analysis of the evidence-based design process. In January, Diana Anderson (2008-2009 Tradewell Fellow) presented a poster with her Tradewell research findings on critical care unit rounding with Dr. Rob Todd from The Methodist Hospital at the Society of Critical Care Medicine (SCCM) Conference in Miami Beach, Florida.

More information found online at: www.whrarchitects.com/tradewell

Shepley Bulfinch leads in ‘Walking the talk’

Shepley Bulfinch will be a sponsor of the 7th World Congress and Exhibition of the International Academy of Design and Health, taking place in Boston in 2011.

SBA’s Angela Watson’s article on “LEED by Example” in January’s issue of Healthcare Design tells the story behind the story of the LEED certification of Concord Hospital in New Hampshire.

SBA’s Jennifer Alibee spoke on healthcare planning as part of the spring 2010 Architecture for Health Lecture Series at Texas A&M’s College of Architecture (see page 9).

FKP project receives ‘Laboratory of the Year’

The FKP designed Texas Children’s Hospital Feigin Center expansion laboratory has received an Honorable Mention award in R&D Magazine’s Laboratory of the Year competition. The annual international competition recognizes the best new and renovated laboratories that combine all aspects of the building into a superior working environment.

The landmark building symbolizes a beacon of hope for the future and represents the hospital’s vision to forge new frontiers in pediatric care, education and translational research.


“Improving Design through Computer Simulation: Ambulatory Care Case Studies,” a lecture featuring Donald Lawrence, Associate AIA, R.T. (MR) (R) (ARRT), Senior Associate / Planning Specialist and Consultant, FKP Architects, Houston, Texas.

“Space Matters: Square Feet, Building Multipliers and How They Go Together,” a lecture featuring Jennifer Alibee, AIA, ACHA, SBIA, Boston, Massachusetts.

“Art in the Healthcare Environment: An Evidence-Based Approach,” a lecture featuring Upal Nanda, PhD, American Art Resources, Houston, Texas.


“Designing for Patient Safety: The Role of Room Handness and Decentralization,” a lecture featuring Debajyoti Pati, PhD, HKS Architects, Dallas, Texas.

“Healthcare for All: A Return to the Basics (Reversing the Supersizing Trend),” a lecture featuring Scot Latimer, AIA, KSA, Denver, Colorado.


“Transitng to Knowledge-Based Architecture,” a lecture featuring A. Ray Pentecost, III, DPH, AIA, ACHA, LEED AP, Clark Nexsen, Norfolk, Virginia.

“Architectural Typologies and Icons,” a lecture featuring Don McKahan, AIA, FACHA, McKahan Planning Group, Delmar, California.

“Senior Living Trends,” a lecture featuring Ron Blitch, FAIA, FACHA, Blitch/Knevel, New Orleans, Louisiana.


Herman Miller LA showroom shines with LEED CI Platinum

Herman Miller, Inc. received a LEED CI (Commercial Interiors) Platinum certification from the U.S. Green Building Council for its recently completed Los Angeles showroom. The 18,000-square-foot facility is the first LEED CI Platinum project in Los Angeles.

A former warehouse built in 1956, the facility incorporates many environmentally sensitive measures, including its location within an area close to public transportation, local businesses, and restaurants; energy efficient light fixtures and occupancy sensors throughout the space; and MBDC, BIFMA level and GREENGUARD certified products and materials to assure an environmentally responsible interior and superior indoor air quality.

Herman Miller, Inc. is a founding member of the U.S. Green Building Council and requires that its new or renovated facilities achieve a minimum of LEED Silver certification.

Link to News & Events page on HermanMiller.com http://www.hermanmiller.com/About-Us/News-Events-Media
Texas A&M confers nursing students to profession at first nursing school graduation

The Texas A&M Health Science Center’s College of Nursing graduates their first class this spring after its launch in 2008. The new program is led by Sharon Wilkerson, PhD, RN, and dean of the College of Nursing.

“This is substantial to the Center for Health Systems & Design,” says Dr. Mardelle Shepley, “because the nursing profession was among the first concerned with the impact of the built environment on healing.”

Architecture students will have the opportunity to register for nursing courses and vice-versa promoting interaction in the students education. Students will have the opportunity to invite faculty from the College of Nursing and the College of Architecture to serve as professional study and thesis committee members.

“One such course architecture students would benefit from taking in the nursing school focuses on nurse observation in the field,” explains Shepley. Shepley continues to say, “we all have a debt of gratitude to the nursing profession’s role in the built environment.”

The ties between the Health Science Center and the College of Architecture continue to grow as recently Kirk Hamilton, associate professor of architecture, lectured on the importance of nursing input in the health facility design process (full story on page 6).

Dr. Regina Bently, professor in the College of Nursing, currently serves as committee member to master of architecture final study projects.

The Center for Health Systems & Design aims to bring future nursing students into the center’s certificate program. This will be pending the College of Nursing’s progress in developing a graduate program.

More information about the College of Nursing can be found online at: http://tamhsc.edu/

Students unveil New Orleans hospital designs

Students in Texas A&M’s Architecture For Health studio unveiled designs Dec. 2 in the Wright Gallery for a proposed New Orleans hospital that will serve an area hard hit by Hurricane Katrina in August 2005.

Floodwaters from broken levees poured into New Orleans’ 9th Ward after Hurricane Katrina struck, causing massive damage.

“Most of the city’s infrastructure was identified as inadequate for future use, including the nearby Methodist Hospital,” said George J. Mann, professor of architecture and co-director of the studio.

The New Orleans Redevelopment Authority issued a call for design concepts for a new health care facility in the 9th Ward. J. Wood, an architect and developer with Fiorano Ventures LLC of Schertz, Texas, and Bob Wehrmeyer, president of FAS Companies in San Antonio, are working with NORA, and, familiar with past work from the studio, approached Mann and Joseph J. McGraw, architecture professor emeritus, about the project. Wood is a former faculty member at the college.

“Students created designs for a 90-100-bed facility with an emergency center, surgery unit, intensive care units for adults and children, a post anesthesia care unit, radiology department, and a lab for blood and tissue analysis,” said McGraw, who co-directed the studio.

Plans for the facility, he added, are a beacon of hope for the revitalization and growth of the community.

Students designed the hospital with sustainability in mind, said Mann; green areas were also included in their models and drawings, because research has shown that such areas can help lead patients to quicker recoveries.

Phillip Cedeno, working with fellow studio member Salud Sierra, said they included photovoltaic cells and water collection elements in their building design.

“We placed parking areas underneath the building and surrounded it with a natural area to promote patient wellness,” said Cedeno.

Plans to present the projects to officials in New Orleans are pending, said Mann.

Ruka Kosuge Okamoto, a recent visiting scholar from the University of Tokyo, and Kazu Okamoto, assistant professor of architecture at the University of Tokyo and a recent Kajima Corporation visiting scholar, co-directed the studio with Mann and McGraw.

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Students research facilities for the blind

Students in Dr. Mardelle Shepley’s programming course have initiated evidence-based design research for a Veteran’s Administration training facility for the blind. Dr. Shepley, who was approached by the architects working on this project, The Design Partnership and the Smith-Group, has begun to guide students in the process of developing tools that will be used to evaluate the existing facility, an interim facility, and ultimately, the newly designed facility.

Understanding the perceptions and needs of the blind introduced the need for an intense review of existing research on the topic. Students are currently working on the development of a questionnaire that focuses on the effectiveness of architectural features in supporting wayfinding and orientation. The project is expected to take place over the course of three semesters. Shepley’s programming course is structured to introduce students with competency in basic building code research, multiple methods to programming, and the processes of introducing evidence-based design principals and research.

Students will be immersed in a research project in addition to lectures based on the CHD’s Evidence-based Design Accreditation and Certification study guides.

GUPHA appoints 2 new VPs to leadership

Global University Programs in Healthcare Architecture (GUPHA) expands its leadership with the addition of two new vice presidents. Dr. Kazuhiko Okamoto, Assistant Professor at the University of Tokyo and recently a visiting professor at Texas A&M University, along with Brian Briscoe, EDAC, graduate architecture student are the newest members to the GUPHA leadership.

Current leadership includes GUPHA president George J. Mann, Professor of Architecture at Texas A&M University, The Skaggs – Sprague Chair of Health Facilities Design in the United States, GUPHA secretary general Dr. Yasu shi Nagasawa, Dean of the Faculty of Engineering at Kogakuin University in Japan, GUPHA vice presidents Shohei Glavine, Director, MARU, South Bank University, UK, and GUPHA senior advisor David Allison, Director of Healthcare Program, Clemson University, South Carolina.

“We are looking forward to the future of GUPHA and its purposes of organizing healthcare educators from around the world to share ideas,” explains Mann, “and recognize these two new vice presidents will help develop this initiative.”

GUPHA unites the global healthcare architecture programs and assists in the support of new and growing programs. GUPHA was founded by the University of Tokyo, Texas A&M University, and South Bank University, UK. GUPHA currently has over 150 members from 35 universities representing 30 countries.

Faculty, students investigate lighting in healthcare

Dr. Liliana Beltran, associate professor of architecture, is leading efforts in studying the effects of lighting conditions within healthcare environments.

Beltran, with the participation of Texas A&M electrical engineering students, is taking measurements of lighting controls and the perceived and measured effects of hospitalized patients. Her study is taking place at the College of Architecture Ranch at the Riverside campus.

Of particular interest are the ramifications of lighting in relation to an individual’s circadian sleep rhythm.

Dr. Beltran’s areas of interest are in day lighting design and analysis, climatic design and lighting, intelligent building facades, climate-driven vernacular and contemporary architecture, sustainable design and green buildings, and energy & daylighting design tools.

Hamilton lectures at College of Nursing

The College of Architecture’s Kirk Hamilton, Associate Director of the Center for Health Systems & Design, presented to nursing students at the Texas A&M Health Science Center in February. In his lecture, ‘Nursing’s Role in Facility Design,’ Hamilton aimed at introducing future nurses to the importance of the facilities role to either enhance or inhibit their work performance and experience.

Hamilton was invited by Dr. Regina Bentley, Associate Dean of Academic Affairs to the Texas A&M Health Science Center.

Students conduct facility management study at Houston’s Methodist hospital

Graduate students in a facilities management class at Texas A&M are working closely with administrators at Houston’s Methodist Hospital to produce a study of the hospital’s Dunn Tower.

During a Sept. 10 field trip to the hospital at Houston’s Texas Medical Center, John Cook, director of facilities management, gave students an overview of the hospital’s daily operations and a behind-the-scenes tour of its inner workings — boiler rooms, water chilling facilities, generators and much more.

Led by Sarel Lavy, assistant professor of construction science, the students will return to the hospital to collect additional data, and then return again on Dec. 1 to summarize their findings for hospital officials. The students’ final presentations will examine key performance indicators as well as provide a condition assessment and a strategic plan for the Dunn Tower.

On their first return trip, the class, divided into three teams of four students each, will gather data for their condition assessments. Each group will be assigned four floors, Lavy said, on which they will evaluate various building components, such as the interior floorings and ceilings, painting, plumbing and light fixtures, doors and windows.

The students will utilize a software program to analyze the data they collect along with other information pertinent to the building assessment, such as the amount and cost of energy consumed, the ratio of preventative building maintenance to scheduled maintenance, and the number of uncompleted work orders.

From the data, Lavy said, the software will provide options for the cost and scheduling of major building renovations, which the students will use their final reports.
Faculty honored among 20 most influential by industry magazine

Center for Health Systems & Design faculty consistently recognized to be meaningful in healthcare facility design field by fellow peers

Texas A&M's College of Architecture was well-represented again in Healthcare Design Magazine's 2009 "Top 20 Most Influential People in Healthcare Design," with three professors earning distinction.

For its annual end-of-year list, the magazine accepted online nominations by the peers of professional architects, interior designers, academics, and researchers they saw making a difference in advancing the design of healthcare facilities in 2009.

Kirk Hamilton, Dr. Roger Ulrich, and George Mann are listed in the December issue among the field's influential professionals.

Kirk Hamilton, FAIA, FACHA, an associate professor of architecture and associate director of the Center for Health Systems & Design, made the list for his second consecutive year.

Hamilton's research area is the relationship of evidence-based design of health facilities and measurable organizational performance.

Hamilton is a past president of the AIA's Academy of Architecture for Health, as well as past president and a founding regent of the American College of Healthcare Architects. He serves on the board of the Center for Health Design. He was the 2003 chair of the Society for Critical Care Medicine's design committee, and serves on the faculty of the Institute for Healthcare Improvement's collaborations on improving flow in the acute care setting and transforming care at the bedside.

Also on the list is Dr. Roger Ulrich, a professor both in the Department of Architecture and the Department of Landscape Architecture and Urban Planning.

A behavioral scientist, Ulrich teaches courses in the area of evidence-based design, and conducts research on the effects of healthcare facilities and nature on medical outcomes. His work has influenced the architecture, interior design, and site planning of scores of major hospitals in different countries. His research has also examined public health benefits of landscape architecture and urban nature, and has proven useful for professionals in such areas of urban planning and urban forestry.

The other College of Architecture outstanding alumus making a difference in healthcare design is George J. Mann, AIA, The Skaggs-Sprague Endowed Chair of Health Facilities Design. Mann has 43 years of experience in the field of architecture for health through his consulting, teaching, and research. He has established a national and international reputation as a leader in health facilities design.

RIPP launches to unite research, practice

New professional group forms, aims at integrating academicians, practitioners for practical evidence-based design

The Researchers In Professional Practice (RIPP) was formed to bring together the growing number of research practitioners. Recently, architects and designers have additionally applied the new role of researcher to their qualifications and leading to the development of the research practitioner.

The group's first meeting was held at the Healthcare Design '08 conference in Washington D.C.

The group was formed to become an information and support group among research practitioners and functions as the vehicle to discuss the effects of healthcare facilities and nature on medical outcomes. Her work has influenced the architecture, interior design, and site planning of scores of major hospitals in different countries. His research has also examined public health benefits of landscape architecture and urban nature, and has proven useful for professionals in such areas of urban planning and urban forestry.

The other College of Architecture outstanding alumus making a difference in healthcare design is George J. Mann, AIA, The Skaggs-Sprague Endowed Chair of Health Facilities Design. Mann has 43 years of experience in the field of architecture for health through his consulting, teaching, and research. He has established a national and international reputation as a leader in health facilities design.

The Researchers In Professional Practice (RIPP) was formed to bring together the growing number of research practitioners. Recently, architects and designers have additionally applied the new role of researcher to their qualifications and leading to the development of the research practitioner.

The group's first meeting was held at the Healthcare Design '08 conference in Washington D.C.

The group was formed to become an information and support group among research practitioners and functions as the vehicle to discuss the research practitioners are facing. Among the current topics of discussion are their shared objectives and roles, and the research practitioner's job description within the firm.

"It is much more common of researchers now to enter into the practical field of architecture," says Dr. Mardelle Shepley, research practitioner and director of the Center for Health Systems & Design, "allowing them to apply the research to active projects."

Currently a list-serve operates as the primary method of communication. The group aims to provide an annual meeting at the Healthcare Design conferences, as soon as Healthcare Design '10.

Evidence-based Boot Camp

Evidence-based practice Boot Camp is open to architects, engineers, designers, project managers, researchers, technology experts, librarians, developers, and building owners. The camp aims to educate professionals to sit for licensing and receive an advanced practitioners certificate in evidence-based design. The boot camp will stimulate the participants to better design based on rigorous interpretation of solid evidence, careful documentation of expected results, and a commitment to measure and report outcomes.

For more information and upcoming Boot Camp dates, contact Judy Pruitt at: jpruitt@tamu.edu
Texas A&M University’s Center for Health Systems & Design (CHSD) is home to the world’s largest collection of interdisciplinary faculty, students, and affiliated professionals committed to research and education about environments for healthcare.

The CHSD is a creation of the Colleges of Architecture and Medicine at Texas A&M University intended to promote research, innovation and communication in an interdisciplinary program that focuses on health facility planning and design. The research interests of faculty fellows range from the effects of stress on patients’ health and well being, to the design of healing environments for neonatal patients, children, the elderly, people who live in the Texas colonias and AIDS patients. The primary activities of the Center include: a professional associates program, curriculum development, health lecture series and support of health-related research and design projects.

The Center for Health Systems & Design is housed in the College of Architecture and is headed by Director Mardelle Shepley, D. Arch; the Center’s Associate Director is Kirk Hamilton, FAIA, FACHA.