



**AIA**

# 2017

AIA/AAH  
HEALTHCARE  
DESIGN  
AWARDS





The American  
Institute  
of Architects

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# 2017

AIA/AAH HEALTHCARE  
DESIGN AWARDS

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### AIA/AAH

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# The 2017 AIA/AAH Healthcare Design Awards

The mission of the AIA Academy of Architecture for Health (AAH) is to improve both the quality of healthcare design and the design of healthy communities by developing, documenting, and disseminating knowledge; educating design practitioners and other related constituencies; advancing the practice of architecture; and affiliating and advocating with others that share these priorities.

We believe that design can make a difference: the planning and design of healthcare facilities impact people and affect their quality of life. Healthcare design solutions can act as allies in the healing process.

AAH is pleased to celebrate the outstanding achievements of contemporary architects and recognize the firms for their contributions to the healthcare environment with the 2017 AIA/AAH Healthcare Design Awards. Each year the awards showcase the best of healthcare building design and healthcare design-oriented research, and highlight the trends of healthcare facilities and the future direction of design. Winning projects exhibit conceptual strengths that address aesthetic, civic, urban, and social concerns. Our panel of jurors evaluates project entries for effectively addressing these concerns, as well as the requisite functionality and sustainability requirements of a healthcare facility.

“Design innovation is alive and well in architecture for health!” according to Tom Clark, FAIA, EDAC, president of AAH. “Healthcare has not always been the form-giving trendsetter in our profession, but that is clearly changing. This year, there is true innovation in exploring new architectural form, as well as defining creative ways to enhance the patient’s and caregiver’s experience of the care process itself. Each project awarded innovates in a different way. A Seattle clinic for an

underprivileged community uses sunshades and landscaped gardens to create an inviting world. A pediatric clinic in Arkansas is itself an intriguing ‘highway sign’ to announce a unique experience within. A hospital tower in San Diego has curved surfaces throughout to create a flowing reinterpretation of space. A creative dental clinic challenges space-making norms. An off-grid African surgery center uses a shade canopy of solar panels inspired by banana plants! These projects exemplify creativity inside and out.”

## Awards Categories

### Category A

Built, less than \$25 million in construction cost

### Category B

Built, more than \$25 million in construction cost

### Category C

Renovations/Remodeled: primarily built within existing hospital or clinical space

*In recognition that much of today’s healthcare building involves working within existing healthcare settings, AIA/AAH are including a new category for 2017—Renovations/Remodeled construction*

### Category D

Unbuilt: must be commissioned for compensation by a client with the authority and intention to build

## 2017 AIA/AAH Healthcare Design Awards Jury



**Gregory Wieland, AIA (Chair)**  
Little Diversified Architectural Consulting



**Tama Duffy Day, FASID, FIIDA, LEED® BD+C**  
Gensler



**Rick del Monte, FAIA, LEED AP**  
BeckGroup



**Robin Guenther, FAIA, LEED AP**  
Perkins+Will



**John Kouletsis, AIA, EDAC**  
Kaiser Foundation Health Plan Inc.



**Joan L. Suchomel, AIA, ACHA, EDAC**  
CannonDesign



**Stephen Yablon, AIA, LEED AP**  
Stephen Yablon Architecture



# Harvey Pediatric Clinic

Rogers, Arkansas

Marlon Blackwell Architects



**Category:** Built, less than \$25 million in construction cost

**Project:** Harvey Pediatric Clinic

**Project location:** Rogers, Arkansas

**Owner/client:** Dr. Bryan Harvey

**Architect:** Marlon Blackwell Architects

**Landscape design:** Stuart Fulbright

**Structural engineer:** Tatum Smith Engineers, Inc.

**Civil engineer:** Bates and Associates, Inc.

**M/P engineer:** HP Engineering, Inc.

**General contractor:** SSi, Inc.

**Photographs/illustrations:** Timothy Hurlsey

**Construction cost:** \$2.9 million

**Building area GSF:** 15,493

**Construction start date:** May 2015

**Substantial completion date:** May 2016



Situated in a fast-developing area, the Harvey Pediatric Clinic is an abstract figure set in contrast to the excess of materials, weak forms, and beige tones that make up the everyday suburban landscape that surrounds the building. The cayenne-color metal panel wraps the entire south side of the building, providing a strong identity for the practice. Patients enter the building, pass through, and ascend a stair that is washed in blue light from the skylight above. Sixteen exam rooms are organized along a simple, clear circulation path defined by several skylights that bring natural light deep into the building.

#### FROM THE JURY

“ In this building, shape and form are inspiration for the pediatric population. It is child-appropriate without being cartoonish, and it can even be considered sophisticated, appealing to both kids and adults. The bold form and color make the building a gift to the street and the community. The building demonstrates that imagination does not have to be hindered by budget. The simple materials are exquisitely detailed. Fractures in the building form create opportunities for natural light surprises, as seen in the exam rooms. The skylit team work areas are also delightful. ”





# Neighborcare Health, Meridian Center for Health

Seattle, Washington

NBBJ

## FROM THE JURY

“ The siting of this building is masterful; the landscape invites clients as well as non-clients to enjoy and explore the grounds. The project is uniquely about health, gracefully including spaces for community resources that support a patient population with varying and challenging needs. A sensitive approach to homeless mental health patients led to the design of outdoor patios that can double as consult spaces; the driveway was widened to provide space for farmers markets. The project was designed as an asset and destination for the greater community, and as a good neighbor addressing the future of healthcare. The building itself uses a contemporary language, without being trendy. The scale is humane, and the use of materials, particularly wood, gives it a tactile appeal. Sustainability is evident throughout the program, structure, and site. The use of views and natural daylighting is exquisite. The photography and presentation of the project are excellent. ”





Partially funded by a federal grant, the Meridian Center for Health is a first of its kind: an integrated, one-stop model for health treatment and prevention for underserved Seattle-area residents. Uniting three health organizations under the same roof, the center provides low- to no-cost medical, dental, and mental health services for adults and children. Design elements include an open floor plan, a dramatic feature stair in the lobby, and a range of team and community spaces that remain available for neighborhood organizations after hours. The center is tracking to receive LEED Gold certification.



**Category:** Built, less than \$25 million in construction cost  
**Project:** Neighborcare Health, Meridian Center for Health  
**Project location:** Seattle, Washington  
**Owner/client:** Neighborcare Health  
**Architect:** NBBJ  
**Structural engineer:** Lund Opsahl LLC Engineer  
**Civil engineer:** KPFF Engineer  
**General contractor:** Lease Crutcher Lewis  
**Lighting:** Candela (Stantec)  
**Mechanical and electrical:** Glumac  
**Landscape:** SiteWorkshop  
**Energy modeling:** WSP Group Building Envelope  
**Consultant:** Wetherholt and Associates  
**Commissioning:** Sazan  
**Group acoustic:** SSA Acoustics  
**Project management, development agreements and entitlements:** Spectrum Development Solutions  
**Photographs/illustrations:** NBBJ/Sean Airhart  
**Construction cost:** \$14.3 million  
**Building area GSF:** 44,745  
**Construction start date:** November 2014  
**Substantial completion date:** November 2015



# Mercy Virtual Care Center

Chesterfield, Missouri

Forum Studio



“ This project is a non-traditional “healthcare” project, in that it houses no patients but connects to them through technology. It is an outstanding example of how the caregiver can be cared for. We can imagine that, driving up to this workplace, a staff member would be reminded how much the organization cares for her or him. This project recognizes the humanity of the healthcare worker—that they don’t just represent a technological interface. The design part is skillfully carried throughout the entire project, down to the detailing; this is evident in the beautiful sketches and well-framed imagery. The integrated terraces provide direct access to nature, with the cantilevered terrace particularly striking. The environment provides the opportunity to be calm and thoughtful, using sensory stimuli to help one stay balanced. ”







The Virtual Care Center, the genesis of a national consortium of virtual providers, exemplifies this Catholic health system's bold commitment to the future of healthcare. This first-of-its-kind facility advances Mercy's mission of transformative care while dramatically improving outcomes through population management. The design blends the built with nature through an authentic use of materials and space. A palette of stone, glass, precast, and wood coupled with flexible floor plates create an environment that fosters innovation, collaboration, and patient-centric care.



**Category:** Built, more than \$25 million in construction cost  
**Project:** Mercy Virtual Care Center  
**Project location:** Chesterfield, Missouri  
**Owner/client:** Mercy  
**Architect:** Forum Studio  
**General contractor:** Clayco  
**MEP engineer:** Heideman Associates, Inc.  
**Civil engineer:** Stock & Associates  
**Consulting engineer, code consulting:** Code Consultants, Inc.  
**Landscape architect:** Forum Studio  
**Lighting:** Randy Burkett Lighting Design  
**Experiential designer:** Cliskspring  
**Photographs/illustrations:** Sam Fentress and James Steinkamp  
**Construction cost:** \$46 million  
**Building area GSF:** 125,000  
**Substantial completion date:** November 2015



# UC San Diego Jacobs Medical Center

La Jolla, California

CannonDesign

Reflective of UC San Diego's vision toward the future intersections between technology and medicine, Jacobs Medical Center is designed as three hospitals in one: women's and children's, cancer, and specialty surgery. The tower is the cornerstone of a new campus identity focused on the future of health, pairing cutting-edge, modern medicine with best-in-class patient experience.

**Category:** Built, more than \$25 million in construction cost

**Project:** UC San Diego Jacobs Medical Center

**Project location:** La Jolla, California

**Owner/client:** UC San Diego

**Architect:** CannonDesign

**General contractor:** Kitchell Contractors, Inc.

**Structural engineer:** KPFF Consulting Engineers

**MEP & fire protection:** Exp U.S. Services, Inc.

**Civil engineer:** Burkett & Wong Engineers

**Code & life safety:** Jensen Hughes

**Landscape:** Pamela Burton & Co.

**Cost estimating:** Cumming Corp.

**Sustainability:** Ecotype Consulting, Inc.

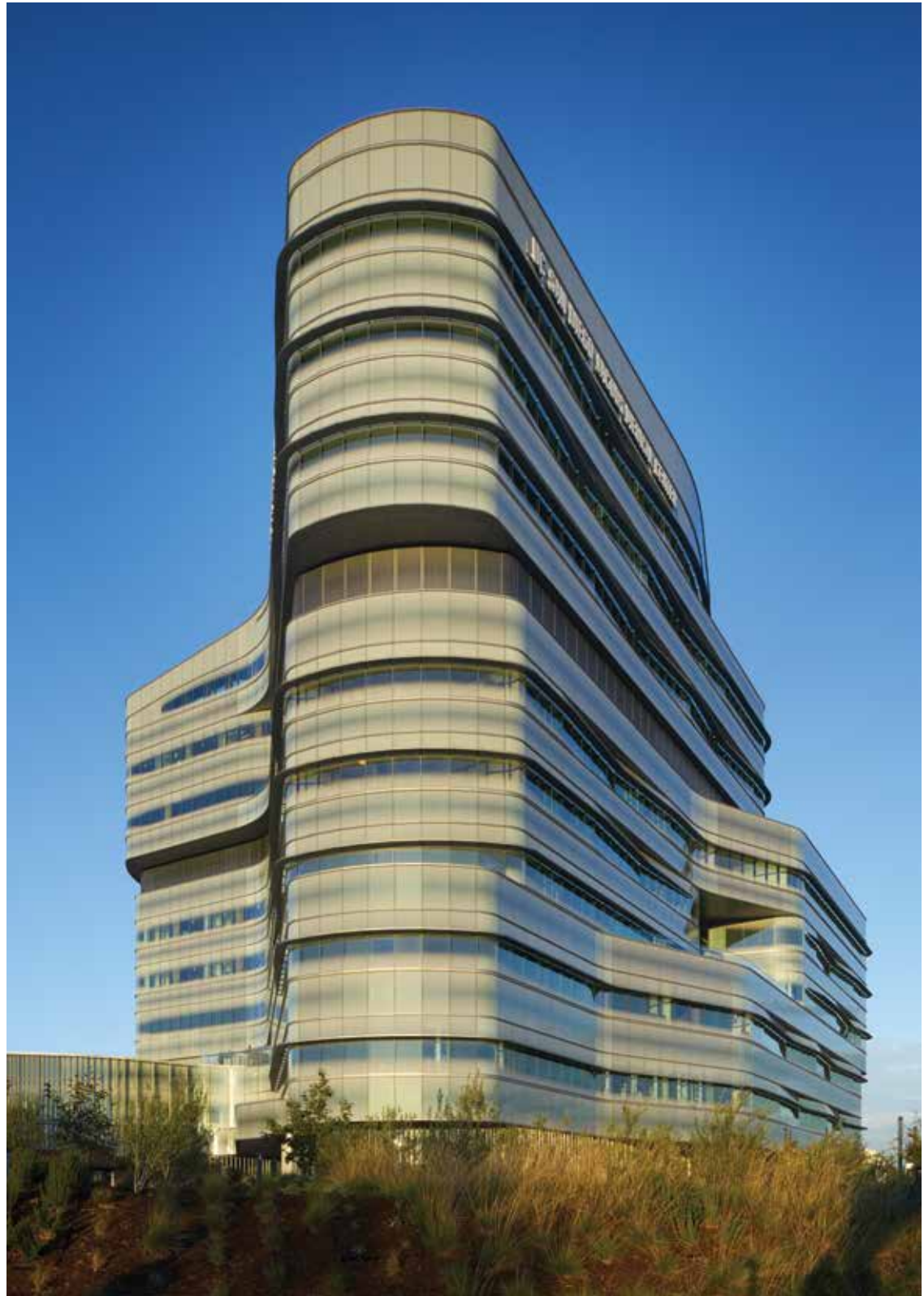
**Photographs/illustrations:** Christopher Barrett

**Construction cost:** \$557 million

**Building area GSF:** 509,500

**Construction start date:** January 2012

**Substantial completion date:** October 2016

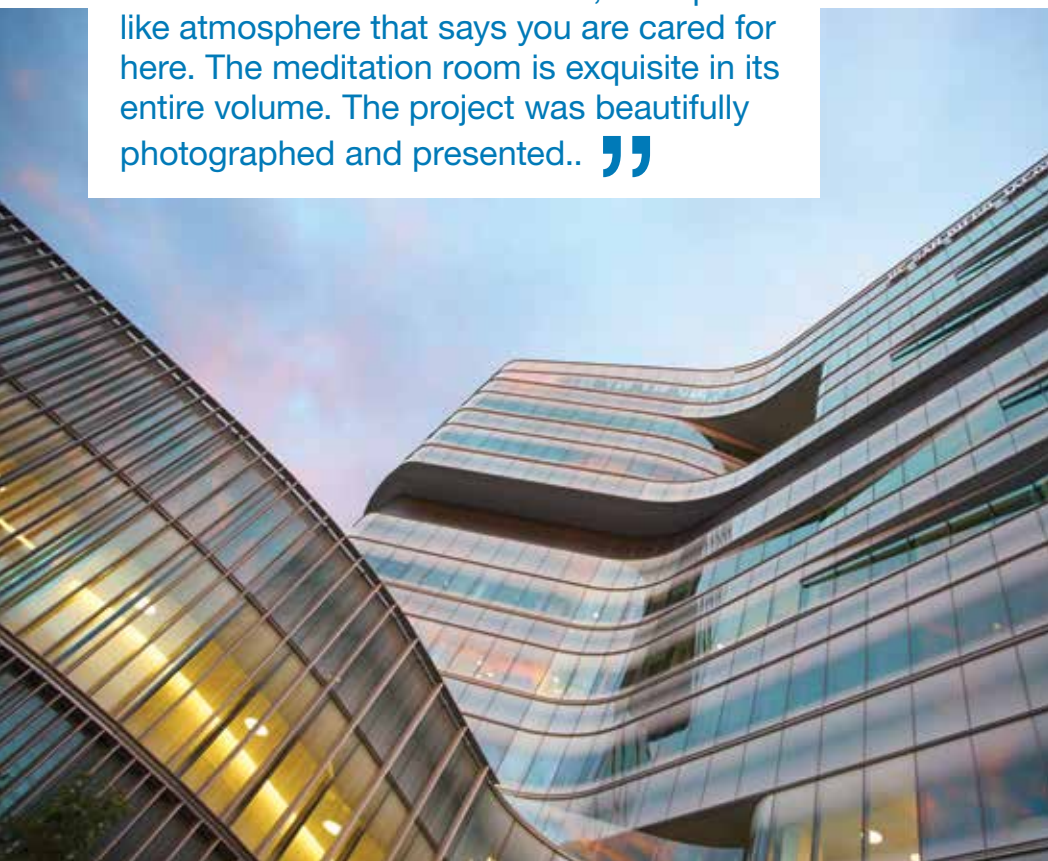






#### FROM THE JURY

“ The building demonstrates a consistent design vocabulary, inside and out, which extends beyond just the public spaces. The exterior has a feeling of fluidity that tracks all the way around the building, with the overlaps inherent to the form, not looking “glued on.” The use of ceramic frit softens the skin, and provides a contemporary feel. The innovative use of form for the patient units carries all the way through. The use of lighting as design is very thoughtfully accomplished. The interior exudes a sense of calm, in a spa-like atmosphere that says you are cared for here. The meditation room is exquisite in its entire volume. The project was beautifully photographed and presented.. ”



# Advocate Lutheran General Hospital Cardiac Catheterization Suite

Park Ridge, Illinois

**Philips Design and Anderson Mikos Architects**



**Category:** Renovations/Remodeled: primarily built within existing hospital or clinical space

**Project:** Advocate Lutheran General Hospital Cardiac Catheterization Suite

**Project location:** Park Ridge, Illinois

**Owner/client:** Advocate Health

**Strategic design consultant:** Philips

**Architect of record:** Anderson Mikos Architects, Ltd.

**MEP engineer:** KJWW Medical

**Equipment planner:** KJWW

**Photographs/illustrations:** Craig Dugan Photography

**Construction cost:** \$8.4 million

**Building area GSF:** 22,500

**Construction start date:** December 2015

**Substantial completion date:** September 2016





The design team worked closely with key stakeholders to achieve Advocate Health Care Heart Institute's goal of improved customer experience, safety, and outcomes. The new cardiac catheterization suite transforms the way people receive care through the complete transformation of patient, family, and staff experiences. The resulting optimized flow and journey includes a transradial recovery lounge, labs that inspire confidence while improving safety, and a first-of-its-kind prep/recovery bay solution that enables a less stressful recuperation personalized for each patient. The Advocate experience has been redefined through the service and spatial design transformation for this suite.



#### FROM THE JURY

“ This project took an altogether undistinguished space and created a suite with a consistent, aesthetically pleasing feel. Despite the challenge of placing updated high-technology functions in an existing hospital, the integration of technology and architecture is seamless. The goal of elevating the patient experience is supported by the quality of the detailing, supported by a “healthy” materials palette. The submission illustrated the thoughts that drove the planning to optimize the processes and clinical work flows. ”



# Bayshore Dental

Whitefish Bay, Wisconsin

**Johnsen Schmaling Architects**



This project is the ambitious reinvention of an abandoned building and its transformation into a state-of-the-art clinic for a young dentist and her small staff. Procedural flow strategies informed the clinic's overall layout. A continuous ceiling plane leads patients from the light-filled reception to the individual operatories, each marked by green vertical panels and light strips that animate the clinic's central corridor. White oak cabinetry and green accents complement the intentionally restrained interior palette, all contributing to a deliberately serene ambiance intended to appease a sometimes-apprehensive clientele.

**Category:** Renovations/Remodeled: primarily built within existing hospital or clinical space

**Project:** Bayshore Dental

**Project location:** Whitefish Bay, Wisconsin

**Owner/client:** Gauri Mona Patel, DDS

**Architect:** Johnsen Schmaling Architects

**Design-build consultant, structural engineering, permit drawings, general contracting:** Design 2 Construct

**HVAC:** Air Associates, Inc.

**Dental equipment consultant:** Patterson Dental

**Lighting design:** Enterprise Lighting

**Photographs/illustrations:** John J. Macaulay

**Construction cost:** \$1.2 million

**Building area GSF:** 8,430 total, including first floor retail space; 4,215 for upper level dental office

**Construction start date:** December 2015

**Substantial completion date:** October 2016







#### FROM THE JURY

“ This adaptive reuse project makes a huge improvement to the streetscape. It shows a thoughtful use of components, masterfully assembled and sensibly detailed. The exploded graphic supports the interpretation of this parti. Inside and out, the building feels clean, crisp, healthy, and sophisticated, with simple colors and excellent daylighting. The long, thin windows give a sense of space; by extending to the floor, they provide a more pleasant experience for dental patients. The color detail around the windows provides additional interest. The white-dominated interior color scheme supports the visualization of tooth color. ”



# Ambulatory Surgical Facility

Kyabirwa, Uganda

Kliment Halsband Architects



This independent, off-the-grid ambulatory surgical facility is a replicable prototype for the 5 billion people in the world who lack access to safe or affordable surgery. The building is composed of three functional elements: a reception pavilion with offices grouped around a family waiting area courtyard, an intermediate pavilion for pre-op and post-op activities, and a sterile pavilion with two operating rooms and related support spaces. These elements are sheltered under a solar panel shade structure, inspired by the banana plants on the site.

**Category:** Unbuilt: must be commissioned for compensation by a client with the authority and intention to build

**Project:** Ambulatory Surgical Facility

**Project location:** Kyabirwa, Uganda

**Owner/Client:** Mount Sinai Health System

**Architect:** Kliment Halsband Architects

**Structural engineer:** Silman Engineer

**Mechanical and electrical:** Keltron Development Services

**Photographs/illustrations:** Kliment Halsband Architects

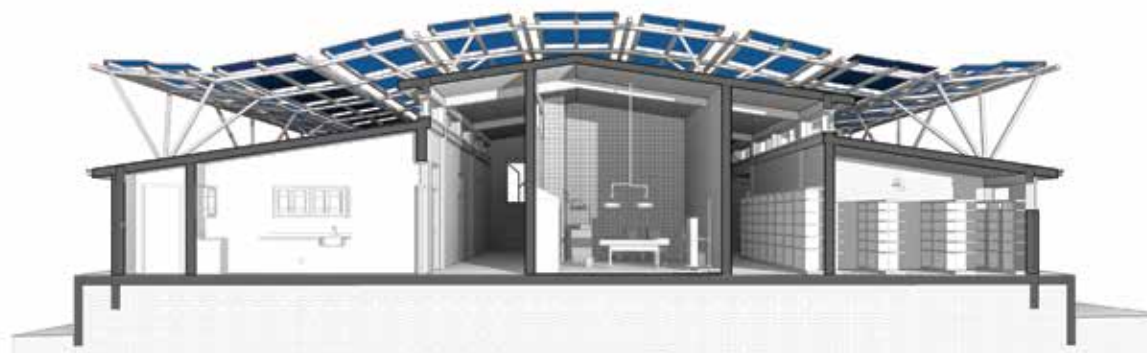
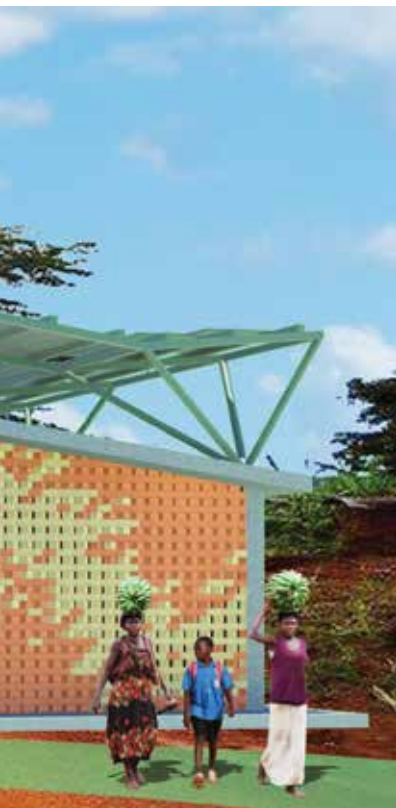
**Construction cost:** \$800,000

**Building area GSF:** 8,000

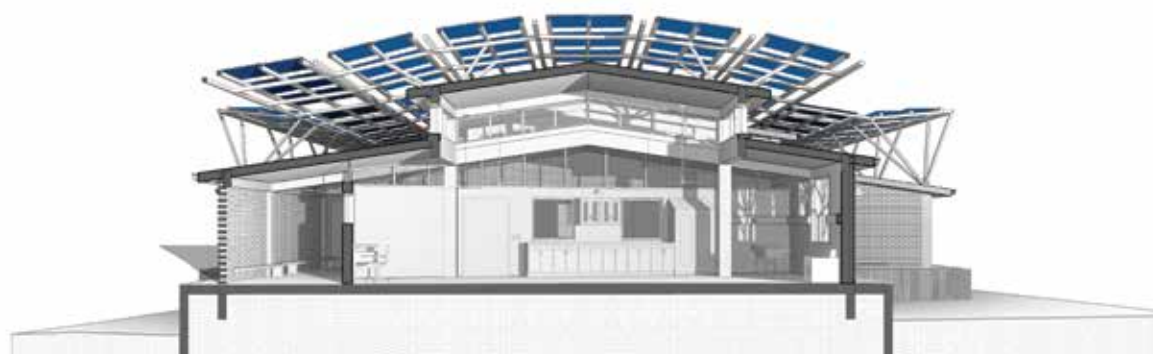
**Construction start date:** November 2016

**Substantial completion date:** November 2017





SECTION - THROUGH OPERATING ROOM



SECTION - THROUGH RECOVERY



SECTION - THROUGH COURTYARD



#### FROM THE JURY

“ This project shows its context in a remarkable way, being very integrated with the community; it illustrates how a facility can anchor a community’s health. The project is simple and inexpensive, yet elegant and easily repeatable. The canopy is a pleasingly graceful solution to a utilitarian function (respite space, shade, and solar collection). The diagrams illustrate the approach to energy independence and reliability. The raised platform responds to site conditions, including passive cooling and insect control. ”



## AIA/AAH Healthcare Design's Best Under 40 (U40)

The U40 list is a nomination-oriented recognition to celebrate individuals under 40 years of age making significant contribution to the advancement of healthcare design. Candidates for the award must display leadership and innovation and take on initiatives that go beyond their project responsibilities, working toward the advancement of the industry as a whole. Each year two individuals are selected to be added to the distinguished U40 list.

### Jury

Joan Suchomel, AIA, ACHA, EDAC  
Terri Zborowsky, PhD, EDAC  
Kimberly Stanley, AIA  
Alison Avendt  
Brandy Olson

**RECOMMEND** an individual for the U40 award next year when nominations open in early 2018. Please direct all inquiries to [nextgeneration.aia@gmail.com](mailto:nextgeneration.aia@gmail.com).



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# AIA/AAH Healthcare Design's Best Under 40 (U40)

## 2017 RECIPIENTS



**Hao Duong, AIA,  
LEED AP BD+C**

As Hao tells it, his pathway to healthcare facilities design was driven through personal experience as a clinical researcher in a Neonatal Intensive Care Unit (NICU). Holed up in a “closet” office intermixed with equipment and staff, his NICU ventures found mothers in a windowless ward draped by wires and bombarded with annoying alarms while trying to provide kangaroo care for their 2-kg preemies. He says his passion is drawn from the recognition that a healthcare architect’s idea or decision can profoundly impact hundreds to thousands of people in the most stressful of situations. This desire to make a positive impact has led him to introduce innovative and patient-centric designs for clients across the spectrum of healthcare leaders, from Seattle Children’s Hospital and New York University to federally qualified health centers for the underserved. Hao is a senior associate and market leader in the NBBJ healthcare studio. Even before he was titled, Hao was a leader both inside and outside the firm. His clinical experience and early work with LEAN organizations like Virginia Mason and Seattle Children’s quickly put him in a lead medical planning role with a broad range of clients. That experience also translated to his role as an initiatives process owner where he helps create more effective engagement with clinical users. His passion and embrace of the goals of the Affordable Care Act (ACA) have allowed him to be a champion of the NBBJ healthcare practice’s emphasis on ambulatory care projects.

### FROM THE JURY

“ Hao Duong’s technical knowledge of healthcare design stood out, and it is evident that he will have a positive impact on the industry. His interest in research, paired with the ability to translate that research into design solutions made him an excellent candidate for the U40 list. ”



**Jhiah Chang AIA,  
ACHA, LEED AP,  
EDAC**

Jhiah’s career in healthcare architecture truly began in college, when she met a well-respected healthcare principal with SmithGroup, while she was working as a research assistant at the Center for Advanced Studies of Aging Services at UC Berkeley. Starting in 2004, she worked at SmithGroup in the interior architecture and healthcare studios, working on a large-scale urban hospital project for the California Pacific Medical Center, as well as on new long-term care and skilled nursing facility projects for the U.S. Department of Veterans Affairs in West Los Angeles. After moving back to Los Angeles, Jhiah began working at CannonDesign, where she played a key medical planning role on several large scale projects, such as the Kaiser Anaheim Replacement Hospital, UCSD Jacobs Medical Center, and the Centre Hospitalier de l’Université de Montréal. Jhiah now has over 12 years of experience serving as a planner, project manager, and designer on a wide range of healthcare and academic projects. As a principal at ZGF Architects, she shares in the responsibility of ensuring success of the Los Angeles office. She is also the team leader for ZGF-LA’s healthcare group.

### FROM THE JURY

“ Jhiah Chang exemplifies a well-rounded healthcare architect, being involved in all aspects of the process. Her desire to learn and commitment to excellence are promising for the future of the industry. ”

# AIA/AAH Healthcare Design Awards 2018

## Call for entries

The AIA Academy of Architecture for Health annually showcases the best of healthcare building design and design-oriented research.

**Submissions open January 2018.**

[aia.org/aahawards](http://aia.org/aahawards)

Project name:  
UC San Diego Jacobs  
Medical Center  
Photography:  
Christopher Barrett  
Architect: CannonDesign

Academy of  
Architecture for Health

an **AIA** Knowledge Community



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of Architects**