

# Healthcare Design Awards 2020

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NOVEMBER 2020



**The American  
Institute  
of Architects**

Academy of  
Architecture for Health

an **AIA** Knowledge Community

OFFICIAL PUBLICATION OF AIA ACADEMY OF ARCHITECTURE FOR HEALTH

Project: Warren Clinic | Architect: CallisonRTKL Inc | Photo credit: Jeff Seroggins



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The 2020 Healthcare Design Awards

The mission of the AIA Academy of Architecture for Health (AAH) is to provide knowledge which supports the design of healthy environments by creating education and networking opportunities for members of—and those touched by—the healthcare architectural profession. Together, we will improve the world by serving as the authoritative voice for the design of healthy environments, leading the way to effective future practice, and advocating with those who share our goals.

AAH is pleased to celebrate the outstanding achievements of contemporary architects and recognize the firms for their contributions to the healthcare environment with the 2020 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. Our panel of jurors evaluate project entries for effectively addressing conceptual strengths that address aesthetic, civic, urban and social concerns, as well as the requisite functionality and sustainability requirements of a healthcare facility.

“The awarded projects exemplify the top healthcare design projects in innovation, collaboration, aesthetics, and functionality/operational performance where architecture plays a greater role in how the care is administered rather than a means to achieve four walls and a roof,” says Kirsten Waltz, AIA, ACHA, EDAC, LEED, president of AAH.

Full awards profiles are available at aia.org/aah.

- Category A

Built: Less than \$25 million  
in construction cost
- Category B

Built: More than \$25 million  
in construction cost
- Category F

Master planning urban  
design for healthcare settings



## CATEGORY A

## HAMPTON COUNTY HEALTH CLINIC

Varnville, South Carolina | Liollo Architecture



This clinic was designed to reflect the community's faith in their future. When the project began, the unemployment rate in Hampton County was 14.8%. In the face of such an economic headwind, the citizens passed a bond referendum to collect funds for 12 community projects—including a library, a senior center, community halls, and recreational facilities—to demonstrate their commitment both to quality of life and to economic growth. This health clinic, a joint venture between county and state agencies, was a priority among the 12, the first to be built, and is a source of optimism in this rural community.

**ARCHITECT**

Liollo Architecture

**OWNER/CLIENT**

Hampton County

**PHOTOGRAPHS/  
ILLUSTRATIONS**

2017, Richard Leo Johnson, Atlantic Archives, Inc. and Jay M. White Photography

**MEP ENGINEER**

RMF Engineering

**STRUCTURAL ENGINEER**

4SE, Inc.

**CIVIL ENGINEER**

ADC Engineering Inc.

**LANDSCAPE ARCHITECT**

ADC Engineering Inc.

**GENERAL CONTRACTOR**

Hogan Construction

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION  
COST**

\$2,405,000

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA  
GSF**

10,850 sq. ft.

**COMPLETION DATE**

July 2016

## FROM THE JURY

“Functional and understated, this project is a fantastic little jewel box made of simple forms and modest materials. It brings dignity, hope, and joy to the community it supports.”



## CATEGORY A

## MOUNTAIN PARK HEALTH CENTER

Tempe, Arizona | SmithGroup



Mountain Park Health Center's (MPHC) mission is to enrich lives by bringing accessible and affordable healthcare to underserved communities. The organization has a unique ability to go beyond the exam room, becoming a local support system and community builder. MHPC finds locations where services are needed, redeveloping existing, under-utilized real estate to provide quality healthcare and promote wellness. This approach not only brings needed service, but the adaptive re-use also helps to revitalize the site with a vibrant new campus filled with amenities beyond exam rooms.

**ARCHITECT**

SmithGroup

**OWNER/CLIENT**

Mountain Park Health Center

**PHOTOGRAPHS/  
ILLUSTRATIONS**

Kevin Korczyk and Lyle K Steely IV, AIA

**CIVIL ENGINEER**

Vespro

**MEP ENGINEER**

SmithGroup

**STRUCTURAL ENGINEER**

PK Associates, LLC

**GENERAL CONTRACTOR**

Concord General Contracting

**LANDSCAPE ARCHITECT**

SmithGroup

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION  
COST**

\$7,500,000

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA**

30,000 sq. ft.

**COMPLETION DATE**

September 2017

## FROM THE JURY

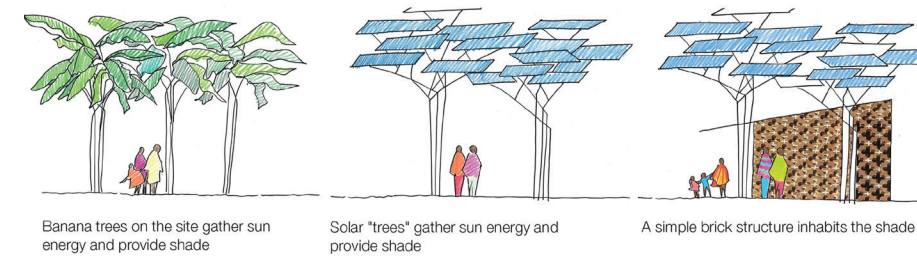
“It’s great to see adaptive reuse of a big box, and they brought natural light deeper into the building than similar retrofits. Inside, the building is vibrant and active, promoting the client’s goal of wellness.”



## CATEGORY A

# MOUNT SINAI KYABIRWA AMBULATORY SURGICAL FACILITY

Kyabirwa, Jinja, Uganda | Kliment Halsband Architects



This project is a prototype for an independent, self-sustaining ambulatory surgical care facility in Kyabirwa, a rural village near the equator in Uganda. It is integrated into the local healthcare community and linked to Mount Sinai Healthcare systems in New York. This project provides ambulatory surgical procedures for a population that has no access to such care today. Careful analysis of required systems and equipment resulted in elimination of many redundant complex and costly systems typically found in high-tech urban hospitals. This research, and simplified construction, relying on local materials made it possible to deliver cost-effective healthcare in an underserved community.

**ARCHITECT**

Kliment Halsband Architects

**OWNER/CLIENT**

Confidential, Owner's Representative:  
George Everest, Nile Precision Surveys  
(Jinja, Uganda)

**PHOTOGRAPHS/  
ILLUSTRATIONS**

Will Boase, Kliment Halsband Architects

**STRUCTURAL ENGINEER**

Silman Structural Engineers

**MECHANICAL, ELECTRICAL,  
PLUMBING, AND FIRE  
PROTECTION ENGINEER**

Keltron Development Services (Kampala,  
Uganda)

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION  
COST**

\$1,350,000

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA**

8,000 sq. ft.

**COMPLETION DATE**

September 2019

## FROM THE JURY

“This friendly building is elegant in its simplicity and use of local materials like the glazed masonry block. The unique solar canopy provides shading and recalls the surrounding tree land; it's a nice touch of biomimicry.”



CATEGORY A

SHIRLEY RYAN ABILITYLAB

Chicago, Illinois | HDR | Gensler in association with Clive Wilkinson Architects



Ranked the No. 1 rehabilitation destination for adults and children with the most severe, complex conditions—from traumatic brain and spinal cord injury to stroke, amputation and cancer—the Shirley Ryan AbilityLab is the first-ever “translational” research hospital in which clinicians, scientists, innovators and technologists work together 24/7/365 in shared, flexible spaces, surrounding patients, discovering new approaches and applying (or “translating”) research in real time. It was designed to radically transform the relationship between research and clinical care, and to reshape the future of rehabilitation by revolutionizing the way in which scientific discoveries advance human ability.

- ARCHITECT AND INTERIOR DESIGN**  
HDR | Gensler in association with Clive Wilkinson Architects
- OWNER/CLIENT**  
Shirley Ryan AbilityLab
- PHOTOGRAPHS/ILLUSTRATIONS**  
Michael Moran, Dave Burk, Dan Schwalm, Tom Harris
- STRUCTURAL ENGINEER**  
Thorton Tomasetti
- CIVIL ENGINEER**  
V3 Companies
- MEP ENGINEER**  
Environmental Systems Design, Inc.
- LANDSCAPE ARCHITECT**  
HDR
- GENERAL CONTRACTOR**  
Power Construction Co.
- CONSTRUCTION COST OR ANTICIPATED CONSTRUCTION COST**  
\$407,000,000
- BUILDING AREA OR ANTICIPATED BUILDING AREA**  
1,200,000 sq. ft.
- COMPLETION DATE**  
March 2017

FROM THE JURY

“This is a vibrant, affirming space for healing and recovery. It is interesting how they integrated modalities like the connecting stair into therapy.”



CATEGORY A

WARREN CLINIC

Tulsa, Oklahoma | CallisonRTKL Inc.



Saint Francis Health System partnered with CallisonRTKL to design and brand its outpatient clinic model and experience. Three new clinics, Warren Clinic at South Memorial, Tulsa Hills and North Broken Arrow, were designed as patient-friendly, operationally efficient clinics. Functionally, the clinics provide primary and urgent care with lab and imaging services to the Tulsa, Oklahoma, area. A “plug-n-play” clinic prototype is integrated in the clinics allowing for growth and flexibility for various sites in the area. An interior design theme of “Light From Above” utilizes natural light and exterior views to enforce the brand and provide a positive experience for patients and staff.

**ARCHITECT**  
CallisonRTKL Inc

**OWNER/CLIENT**  
Warren Professional Building Corporation

**PHOTOGRAPHS/ILLUSTRATIONS**  
Jeff Scroggins Photography Inc., and Charles Davis Smith, AIA

**MEP ENGINEER**  
JJA, Inc.

**STRUCTURAL ENGINEER**  
The Structural Alliance (TSA)

**CIVIL ENGINEER**  
Kimley Horn and Associates, Inc.

**GENERAL CONTRACTOR**  
Cowen Construction

**CONSTRUCTION COST OR ANTICIPATED CONSTRUCTION COST**  
\$7,000,000

**BUILDING AREA OR ANTICIPATED BUILDING AREA**  
26,962 sq. ft.

**COMPLETION DATE**  
May 2015

FROM THE JURY

“The plug and play aspect of this project is commendable; a lot of thought and care were put into the modularity.”



## CATEGORY B

## DUKE STUDENT WELLNESS CENTER

Durham, North Carolina | Duda|Paine Architects

**ARCHITECT**

Duda|Paine Architects

**OWNER/CLIENT**

Duke University

**PHOTOGRAPHS/  
ILLUSTRATIONS**

Robert Benson Photography

**INTERIOR DESIGN, LIGHTING  
ENGINEERS, SCHEMATIC  
PLANNING**

EwingCole

**INTERIOR ARCHITECT**

Duda|Paine Architects

**MEP ENGINEER**

Newcomb &amp; Boyd

**STRUCTURAL ENGINEER, CIVIL  
ENGINEER AND LANDSCAPE  
ARCHITECT**

Stewart, Inc.

**STUDENT HEALTH CONSULTANT**

MHTN Architects

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION  
COST**

\$27,000,000

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA**

72,000 sq. ft.

**COMPLETION DATE**

March 2017

## FROM THE JURY

“It’s encouraging to see a wellness center given such prominence in the campus plan. The transparent screens and glazing are an elegant solution, and the wood is very warm and inviting.”

The Student Wellness Center advances student health by consolidating medical and psychological services into one location. Strategically situated between residential, student services and athletic districts, the center provides services for the mind, body and spirit including preventative programs, physical therapy and pharmacy. This innovative facility fulfills Duke’s mission to meet the highest standards of clinical care and wellness that directly contribute to students’ well-being and success. The commitment to helping Duke’s community achieve wellness inspired the design solutions that reconcile the privacy of medical services, the connection to nature and an accessible, open space for the Duke community.



CATEGORY B

MSK NASSAU

Uniondale, New York | EwingCole



Memorial Sloan Kettering Cancer Center (MSKCC) has devoted more than a century to patient care, as well as to innovative research, making significant contributions to new and better therapies for cancer treatment. In recent years, MSKCC expanded with new construction and renovations designed to meet the growing needs of both its patients and research programs. It developed a network of community-based, state-of-the-art outpatient cancer treatment facilities that bring its expert care closer to patients living throughout its geographical area, including Long Island, Westchester County and New Jersey.

- ARCHITECT**  
EwingCole
- OWNER/CLIENT**  
Memorial Sloan Kettering Cancer Center
- PHOTOGRAPHS/ILLUSTRATIONS**  
Halkin/Mason Photography, LLC
- STRUCTURAL ENGINEER**  
Silman Engineers
- CIVIL ENGINEER**  
RMS Engineering
- MEP ENGINEER**  
Lizardos Engineering Associates, P.C.
- LANDSCAPE ARCHITECT**  
Cairone and Kaupp
- INTERIOR DESIGN, LIGHTING ENGINEERS, SCHEMATIC PLANNING**  
EwingCole
- CONTRACTOR**  
Hunter Roberts Construction Company
- CONSTRUCTION COST OR ANTICIPATED CONSTRUCTION COST**  
\$180,000,000
- BUILDING AREA OR ANTICIPATED BUILDING AREA**  
114,000 sq. ft.
- COMPLETION DATE**  
May 2019

FROM THE JURY

“The jury loved the sense of hospitality in the interiors that offers a calming environment for patients fighting cancer.”



CATEGORY F

SAVING MAIN STREET - HAXTUN  
HOSPITAL DISTRICT

Haxtun, Colorado | HDR



**ARCHITECT**  
HDR

**OWNER/CLIENT**  
Phillips County Economic Development

**PHOTOGRAPHS/  
ILLUSTRATIONS**  
HDR, Inc. Tom Trenolone, AIA

**STRUCTURAL, MEP, AND CIVIL  
ENGINEERS**  
HDR

**LANDSCAPE ARCHITECT**  
HDR

**MEDICAL PLANNING  
CONSULTANT**  
HDR

**PREFABRICATED METAL  
BUILDINGS**  
Chief Industries

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION  
COST**  
\$47,041,150

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA**  
72,371 sq. ft.

**SUBSTANTIAL COMPLETION  
DATE**  
TBD

FROM THE JURY

“This thought-provoking research idea draws attention to the plight of healthcare in rural contexts and demonstrates what hospitals and small towns could do for each other.”

Across the US, 161 rural hospitals have closed since 2005 and 600 more are vulnerable to closure. Haxtun, Colorado, located in the Great Plains Region of the United States, faces this challenge daily. It also shares other threats common to rural and inner-city communities alike: the trend toward becoming food deserts as local grocery markets close, issues of poor walkability, and lack of good public spaces for all seasons. In an effort to reverse these devastating impacts, a design team partnered with Haxtun Hospital District and the Phillips County Economic Development. The team embraced unconventional thinking about building typologies, their related programmatic elements, and their adjacency to one another to create a catalyst to transform the community.



# Healthcare Design Awards 2020 Jury



## Ralph Johnson, FAIA (Chair)

Perkins+Will

Ralph Johnson, FAIA, received his bachelor of architecture degree from the University of Illinois, and his master of architecture degree from Harvard University. He began his career at Stanley Tigerman's office and then joined Perkins and Will Chicago in 1976, where he currently serves as its Global Design Director and is a member of its Board of Directors. Ralph has lectured at numerous universities and has been a Visiting Critic at the Illinois Institute of Technology, the University of Wisconsin at Milwaukee and the University of Illinois.



## Curtis Fentress, FAIA

Fentress Architects

Curtis Fentress, FAIA, is a principal in charge of design at Fentress Architects, headquartered in Denver, Colorado. He is internationally known as an innovative, award-winning designer of airports, museums, convention centers, laboratories, higher education, civic, and government buildings. The firm has been honored with more than 550 awards and accolades for design excellence and innovation, including over 100 AIA awards. Curtis was elevated to the College of Fellows in 1996, received the Thomas Jefferson Award and the AIA Western Mountain Region Silver Medal in 2010, and was named Architect of the Year by AIA Colorado in 2012.



## Tushar Gupta, FAIA, NCARB

EYP Architecture & Engineering

Tushar Gupta, FAIA, is an award-winning design principal at EYP. He has committed his design talent and passion toward creating a new generation of health facilities—empathetic, life-enhancing environments. An inspiring leader, he influences the profession nationally, shaping the discourse on design for health. He also serves as managing principal for the Houston office, strategically leveraging EYP's business development, operations and design teams to optimize performance across all aspects of the regional business.



## Carl Hampson, AIA, LEED AP

SRG Partnership

Based in Portland, Oregon, Carl Hampson is a Design Principal and thought leader with SRG Partnership. With a collaborative approach to design leadership, Carl leverages a creative process that successfully merges context, sustainability and performance with client goals and objectives. He brings distinctive influence to healthcare, behavioral health, science and technology, and higher education markets, along with a deep portfolio of work spanning from civic projects to sports and recreation facilities. His innovative work has earned numerous accolades, including two National AIA Design awards and multiple regional AIA and industry honors, and has been featured in a variety of publications. He is a licensed architect in Oregon and California and a seasoned lecturer and guest critic.



## Claudine LeVan, AIA, IIDA, NCIDQ

Nemours/Alfred I. duPont Hospital for Children

Claudine LeVan is the Manager of Planning and Design at Nemours/Alfred I. duPont Hospital for Children. She has over 20 years of experience as an interior designer, with the past seven years dedicated to healthcare planning and design with a focus on Pediatrics. She has primary responsibility for preparing space plans, furniture/finish selections and specifications to provide consistent design throughout the facilities. She combines her interior design acumen and architectural sensitivity to develop dynamic spaces that are playful but sophisticated.



## Sean Menogan

UCHealth

Sean Menogan, Vice President of Facilities, Design and Construction, is the executive leader of all facilities management, real estate, security, facilities design, construction and capital program development for UCHealth. UCHealth continues to expand and currently consists of 12 hospitals, including the nationally ranked UCHealth University of Colorado Hospital, the region's only Academic Medical Center. He is responsible for an operating budget of over \$70 million and has direct and indirect management of over 300 team members plus approximately 350 contracted security professionals.



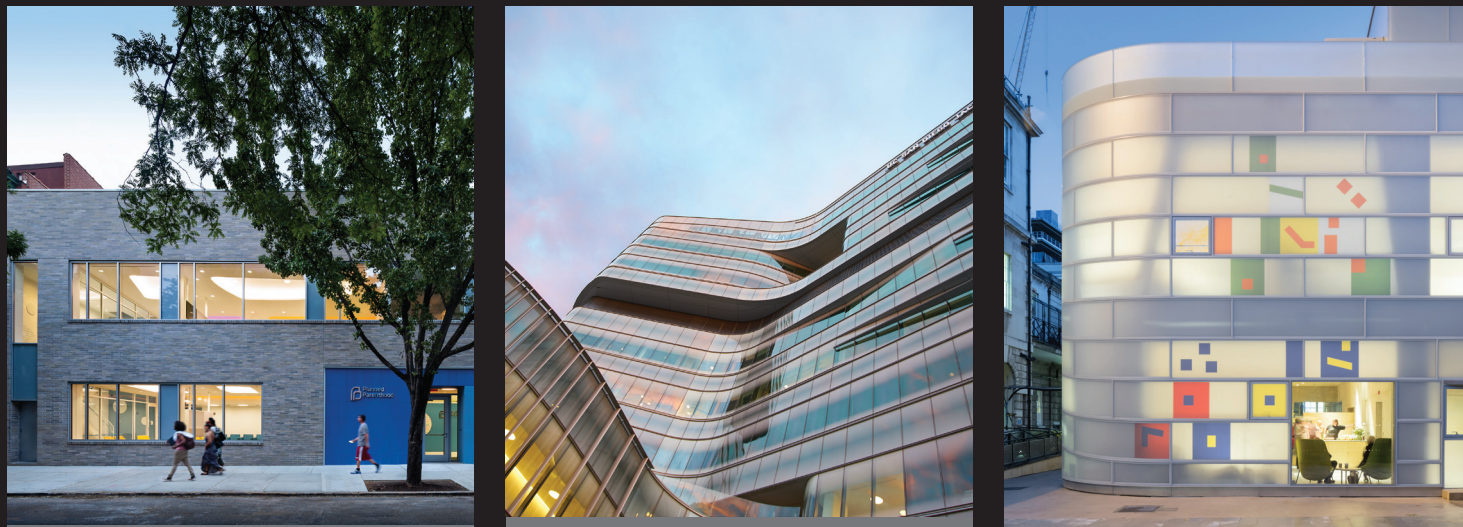
## William Roger, FAIA, ACHA

HOK

William (Bill) Roger is a director of HOK's global healthcare design practice and the Healthcare Regional Leader of HOK San Francisco. Bill gives guidance to healthcare work in the Pacific Rim including Western North America and Asia. His expertise in the planning and design of healthcare facilities includes academic medical centers, community hospitals, public hospitals, ambulatory care, child/maternity health and behavioral health projects. Bill has served as principal-in-charge on several projects that have influenced the delivery of healthcare services in the United States and South East Asia.



# The AAH Case Study Library



The AIA Academy of Architecture for Health Case Study Library helps to bridge the gap between research and practice. This collegial sharing of peer-reviewed projects results in the development of scalable metrics and provides the industry with some best practice “Rules of Thumb” and “Benchmarking” analyses, which in turn will help the profession design better projects. A typical case study highlights the projects key design intentions, relevant photographic images, floor by floor interdepartmental Net to Gross Square Footages and Net to Gross Factors as well as, minimum and maximum travel distances for patient and staff travel within key departments.

[aia.org/aahcasestudies](https://aia.org/aahcasestudies)

AIA/AAH

## List of 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 the project responsibilities, working towards the advancement of the industry as a whole.

### Jury

Jhiah Chang, AIA, AIA, ACHA, LEED AP, Lean Green Belt Certified for Facilities Design, EDAC

Kenneth Webb, IV, AIA, ACHA, LEED BD+C

Karen Freeman, AIA, ACHA, NCIDQ, LBBH, EDAC

Amanda Mewborn

David Frum, FAIA

### 2020 RECIPIENT



#### Marybeth Dietz, AIA

Marybeth Dietz, AIA, is a highly skilled senior project architect and project manager at SmithGroup in Chicago. With more than 15 years of experience, she has spent the last 12 working with healthcare clients. She is practiced in leading complicated projects for prestigious health systems, most notably Northwestern Medicine.

Marybeth is currently the Committee Co-Chair of the Advisory Group for the AIA Academy of Architecture for Health (AAH), which connects all local AAH components across the country. She recently served as AIA Chicago’s Healthcare Knowledge Community Chair, where her passion for sharing healthcare knowledge grew exponentially.

**Recommend an individual for the U40 award next year when nominations open in early 2021.**

Please direct all inquiries to [aah@aia.org](mailto:aah@aia.org).



# Award 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 2021.**

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

