

# Healthcare Design Awards 2022

OCTOBER 2022

## Academy of Architecture for Health

AIA Knowledge Community

OFFICIAL PUBLICATION OF AIA ACADEMY OF ARCHITECTURE FOR HEALTH

Project: Center for Health & Wellbeing, Winter Park, Florida | Architect: DudalPaine Architects | Photo credit: Robert Benson Photography



# Contents

3     **Healthcare Design Awards 2022**

**Category A: Built: Less than \$25 million in construction cost**

- 4     Rural Ortho Clinic  
Cedarburg, Wisconsin  
Johnsen Schmaling Architects

**Category B: Built: More than \$25 million in construction cost**

- 6     Center for Health & Wellbeing  
Winter Park, Florida  
DudalPaine Architects

**Category C: Renovations/Remodeled: Primarily built within existing hospital or clinical space or adaptive reuse of an existing building to a health care use**

- 8     Dana–Farber Cancer Institute Chestnut Hill  
Chestnut Hill (Newton), Massachusetts  
Payette

- 10    UCSF Connie Frank Transplant Center  
San Francisco, California  
NBBJ

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

- 12    Kyabirwa Surgical Center Ward  
Jinja, Uganda  
GKG

- 14    Montage Health Ohana Center  
Monterey, California  
NBBJ

- 16    Uganda Women’s and Children’s Clinic  
Mityana, Uganda  
LS3P Associates & Go Design Inc.

18     **Healthcare Design Awards 2022 Jury**

**AIA/AAH**  
1735 New York Ave., NW  
Washington, DC 20006  
aah@aia.org

**AAH 2022 Board  
of Directors**

**2022 President/Governance & Collaboration**  
Ellen Taylor, PhD, AIA, MBA, EDAC  
The Center for Health Design  
New York, NY

**Past President/Operations & Recruitment**  
Brenna Costello, AIA, ACHA, EDAC  
SmithGroup  
Denver, CO

**2023 President/Connections**  
Kenneth Webb IV, AIA, ACHA, LEED BD+C  
HKS PC  
Washington, DC

**Marketing & External Visibility**  
Kimberly Montague, AIA, EDAC, LEED AP, NCARB  
Kimball International  
Novi, MI

**Education**  
Bryan Langlands, FAIA, FACHA, EDAC, LEED GA  
NBBJ  
New York, NY

**Conferences**  
Pierce McVey, AIA, LEED AP  
SRG Partnership  
Seattle, WA

**Codes and Standards**  
Michelle Trott, AIA, NCARB, ACHA  
Clark Patterson Lee  
Rochester, NY

**Recognitions**  
Southern Ellis, AIA, LEED AP  
HKS PC  
Dallas, TX

# The 2022 Healthcare Design Awards

The mission of the AIA Academy of Architecture for Health (AAH) is to provide knowledge that supports the design of healthy environments by creating education and networking opportunities for members of—and those touched by—the health care 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 health care environment with the 2022 Healthcare Design Awards. Each year, the awards showcase the best of health care building design and health care design-oriented research and highlight the trends of health care facilities and the future direction of design. Our panel of jurors evaluates 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 health care facility.

“It’s rewarding to see some really thoughtful projects coming back onto the boards and into reality following the many fits and starts we’ve seen during the COVID-19 pandemic. The range of projects—from specialty care to overall wellness, in urban and rural locations, and new construction to renovation—speaks to the changing face of how health care is delivered and how designers of such a variety of settings can effectively respond to the Framework for Design Excellence that inspires sustainable, resilient, and inclusive design,” says Ellen Taylor, PhD, AIA, MBA, EDAC, president of AAH.

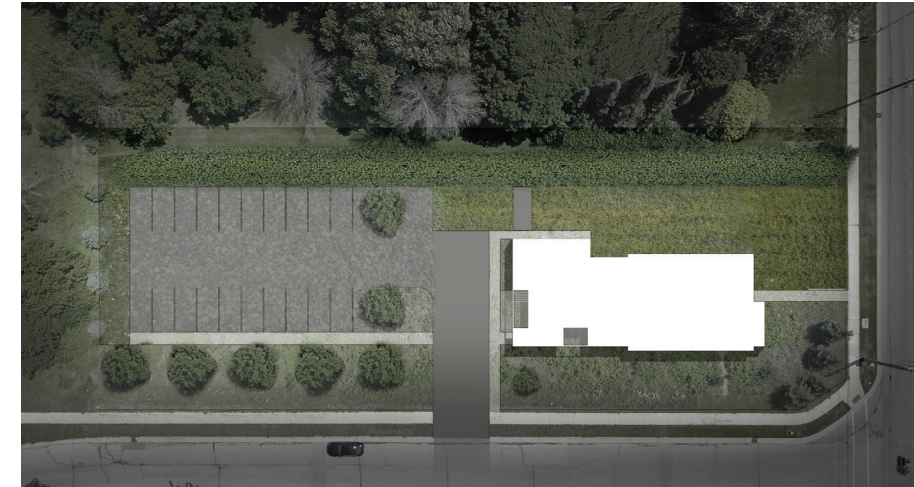
Full awards profiles are available at [aia.org/aah](https://aia.org/aah).



## CATEGORY A

## RURAL ORTHO CLINIC

Cedarburg, Wisconsin | Johnsen Schmaling Architects



## Description

On the outskirts of Cedarburg, Wisconsin, where health care choices are somewhat limited, this small orthodontic clinic upends the typical introverted and fluorescent-lit medical facility typology. Designed for a young doctor who relocated her bustling practice to a vacant lot at the intersection of farmland and town, the building's crisp and precise architecture evokes its pastoral setting while avoiding vernacular nostalgia. To maintain an intentionally minimal profile, the design team envisioned the clinic as two complementary forms: a light gray volume that envelops a low-slung base volume. The project is reflective of the owner's work, which relies heavily on efficiency, precision, high standards of care, and aesthetic purity that the doctor's work requires.

## ARCHITECT

Johnsen Schmaling Architects

## OWNER/CLIENT

Mantel Orthodontics

## PHOTOGRAPHS/ILLUSTRATIONS

John J. Macaulay/Johnsen Schmaling Architects

## STRUCTURAL ENGINEER

Core 4 Engineering, Inc.

## CIVIL ENGINEER

M Squared Engineering, LLC

## HVAC ENGINEER

Devix Heating &amp; Cooling

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION COST**  
\$1.05 million

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA**  
3,900 sq. ft.

**CONSTRUCTION START DATE**  
February 2019

**COMPLETION DATE**  
March 2020

## Jury comment

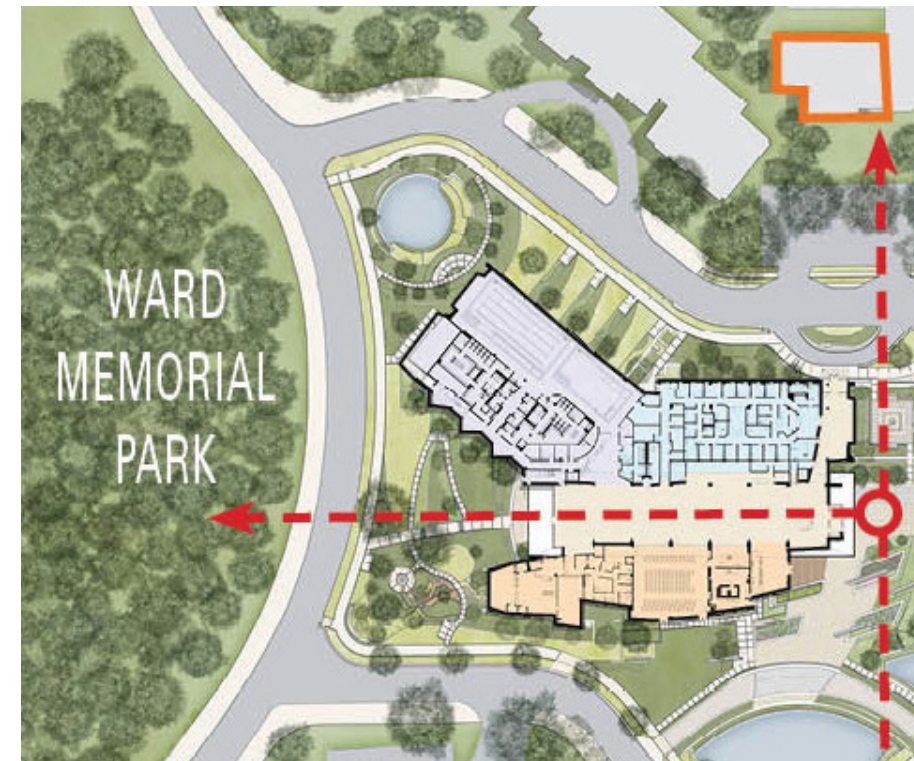
The jury was impressed by the amount of owner and stakeholder engagement, which is uncommon for a project of this size. It is well-integrated into its surroundings, and the transitional space between the parking lot and the clinic is well-executed.



## CATEGORY B

## CENTER FOR HEALTH &amp; WELLBEING

Winter Park, Florida | Duda|Paine Architects



## Description

Drawing upon the healing powers of nature, the Center for Health & Wellbeing in Winter Park, Florida, is a cornerstone project for community health. Through its transparent and inviting architecture, the center erases the boundaries between everyday life, fitness, and both traditional and alternative medicine practices. Inside, flexible interior spaces can quickly adapt to changing health needs and promote cross-disciplinary sharing. It also realizes Winter Park Health Foundation's vision of well-being in one integrated facility that positively changes its users' lives. The center's open architecture, gardens, and trails, which extend into other neighborhoods, invite use from communities beyond Winter Park.

## ARCHITECT

Duda|Paine Architects

## OWNER/CLIENT

Winter Park Health Foundation &amp; Winter Park Memorial Hospital

## PHOTOGRAPHS/ILLUSTRATIONS

Robert Benson Photography / Duda|Paine Architects

## MEP ENGINEER/LEED CONSULTANT

Santec Civil Engineer

## STRUCTURAL ENGINEER

Paul J. Ford &amp; Company

## CIVIL ENGINEER

Donald W. McIntosh Associates Inc.

## LANDSCAPE ARCHITECT

Foster Conant &amp; Associates Inc.

## LIGHTING CONSULTANT

Cline Bettridge Bernstein Lighting Design

## GENERAL CONTRACTOR

Jack Jennings &amp; Sons Inc.

CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION COST

\$26.9 million

BUILDING AREA OR  
ANTICIPATED BUILDING AREA

78,000 sq. ft.

## CONSTRUCTION START DATE

February 2017

## COMPLETION DATE

February 2019

## Jury comment

It is encouraging to see a program focused on keeping people well and not just treating them when they are sick. The jury liked how the seven dimensions of well-being were carried out through the design.



## CATEGORY C

# DANA-FARBER CANCER INSTITUTE CHESTNUT HILL

Chestnut Hill (Newton), Massachusetts | Payette



## Description

This new facility in Chestnut Hill, Massachusetts, just west of Boston, represents the Dana-Farber Cancer Institute's most significant increase in patient accessibility in decades. Through adaptive reuse of two floors of a former retail property, the facility provides full-service, team-based cancer care in an outpatient setting. The project, structured to support the program's performance demands with beauty and delight, is a significant achievement in its reuse of an idiosyncratic building. The overarching design was guided throughout by themes of shelter, light, and connectivity, and each decision was weighed against its ability to reinforce those concepts.

**ARCHITECT**  
Payette

**OWNER/CLIENT**  
Dana-Farber Cancer Institute

**PHOTOGRAPHS/ILLUSTRATIONS**  
Robert Benson Photography / Payette /  
Mollica Manandhar

**ENGINEERING**  
MEP: AKF Group, LLP  
Structural: Simon Design Engineering, LLC  
Low Voltage: E3i  
Vibration: Acentech, Inc.  
Acoustics: Cavanaugh Tocci Associates, Inc.

**LIGHTING DESIGN**  
Available Light

**PARKING/TRAFFIC**  
Vanasse Hangen Brustlin, Inc.

**VERTICAL TRANSPORTATION**  
Lerch Bates, Inc.

**FOOD SERVICE EQUIPMENT**  
elite | studio e

**EQUIPMENT PLANNING**  
C/W Design Group, Inc.

**GRAPHIC DESIGN**  
Selbert Perkins Design

**GENERAL CONTRACTOR**  
Walsh Brothers, Inc.

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION COST**  
\$85 million

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA**  
140,000 sq. ft.

**CONSTRUCTION START DATE**  
April 2019

**COMPLETION DATE**  
January 2021

## Jury comment

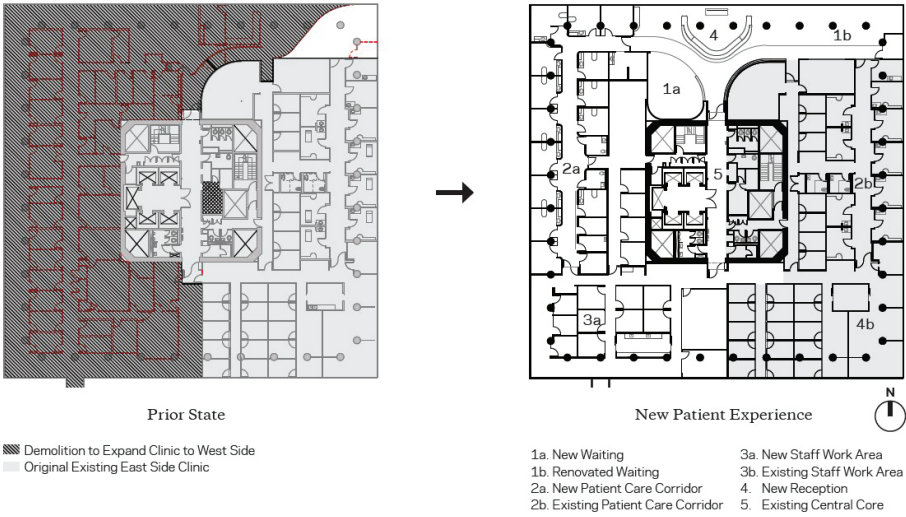
This is a strong renovation project that adapted a challenging retail space into an accessible and light-filled clinic.



CATEGORY C

UCSF CONNIE FRANK  
TRANSPLANT CENTER

San Francisco, California | NBBJ



Description

Academic medical facilities in urban areas regularly provide critical care for patients, but their fast-growing specialty clinics are too often housed in aging buildings. The University of California, San Francisco Medical Center was not immune to this challenge. The pancreatic and liver transplant center on its Parnassus campus needed room to grow, but the neighboring facility it could expand into was cramped and outdated. For this critical project, the team transformed the expansion space into an airy and welcoming environment for patients and families who travel great distances for transplant care.

**ARCHITECT**  
NBBJ

**OWNER/CLIENT**  
University of California, San Francisco (UCSF)

**PHOTOGRAPHY**  
Benjamin Benschneider, NBBJ/Brandon Sampson, NBBJ, Sean Airhart

**DRAWINGS, GRAPHICS, PLANS, DIAGRAMS**  
NBBJ

**MEP ENGINEER**  
Interface Engineering

**STRUCTURAL ENGINEER**  
Estructure

**LEED CONSULTANT**  
Brightworks

**GENERAL CONTRACTOR**  
Dome Construction

**CONSTRUCTION COST OR ANTICIPATED CONSTRUCTION COST**  
Confidential

**BUILDING AREA OR ANTICIPATED BUILDING AREA**  
11,890 sq. ft.

**CONSTRUCTION START DATE**  
October 2019

**COMPLETION DATE**  
October 2021

Jury comment

This unusual renovation of a brutalist building is striking, and the before and after of the lobby is commendable; they made it very warm and welcoming.



CATEGORY D

KYABIRWA SURGICAL  
CENTER WARD

Jinja, Uganda | GKG



Description

While surgical services remain scarce in much of the world, this annex to the existing Kyabriwa Surgical Center in Kyabirwa, Uganda, dispels the myth that such services are logistically impossible to provide in rural areas. When complete, this project will address the specific needs of the rural patients who access the center and need to stay overnight following their procedures. Situated near the country's famous White Nile River rapids and five miles north of Jinja, the nearest city, this project enhances the center's accessible and affordable care for more than 570,000 Ugandans.

**ARCHITECT**  
GKG

**OWNER/CLIENT**  
Global Surgical Initiatives

**PHOTOGRAPHS/ILLUSTRATIONS**  
George K. George

**MEP ENGINEER**  
Selemani Engineers

**STRUCTURAL ENGINEER**  
Selemani

**CIVIL ENGINEER**  
Selemani Engineers

**GENERAL CONTRACTOR**  
Selemani Engineers

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION COST**  
\$1 million

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA**  
10,700 sq. ft.

**CONSTRUCTION START DATE**  
March 2022

**ANTICIPATED COMPLETION DATE**  
July 2023

Jury comment

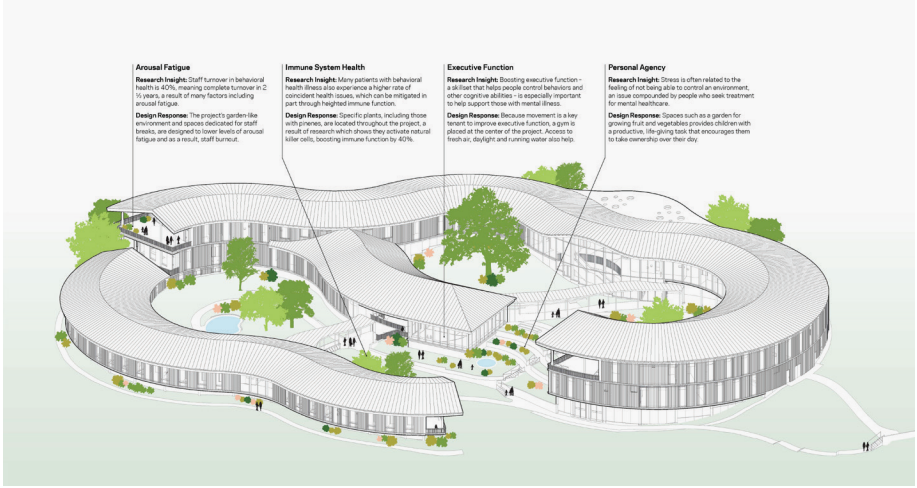
This project has a good relationship to the site, and the elevations are very clean and clear. This project's purpose, and the amount of work needed to bring electricity to this community, are laudable.



CATEGORY D

MONTAGE HEALTH  
OHANA CENTER

Monterey, California | NBBJ



Description

Montage Health Ohana Center upends the narrative that mental health care must be relegated to institutional settings that isolate rather than heal. Its unique and visionary program seeks to amplify positive outcomes for young people through connections with nature. The center’s form creates a welcoming embrace inside and out, fostering a sense of comfort reflective of its name, a Hawaiian term for extended family. When it opens in 2023 in Monterey, California, the center will offer a full spectrum of accessible behavioral health resources for the community regardless of the ability to pay for treatment.

**ARCHITECT**  
NBBJ

**OWNER/CLIENT**  
Montage Health

**PHOTOGRAPHS/ILLUSTRATIONS**  
NBBJ

**MEP ENGINEER**  
Integral Group

**STRUCTURAL ENGINEER**  
Fast + Epp

**CIVIL ENGINEER**  
Whitson Engineers

**LANDSCAPE ARCHITECT**  
BFS Landscape Architects

**ACOUSTICS**  
Antonio Acoustics

**FOOD SERVICE**  
NG Associates

**LIFE SAFETY CODE**  
Jensen Hughes

**GENERAL CONTRACTOR**  
South Bay Construction

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION COST**  
Confidential

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA**  
55,600 sq. ft.

**CONSTRUCTION START DATE**  
March 2021

**ANTICIPATED COMPLETION DATE**  
March 2023

Jury comment

The jury was impressed by this project’s exceptional siting and how the team took advantage of the existing landscape, giving particular attention to patient views.



## CATEGORY D

# UGANDA WOMEN'S AND CHILDREN'S CLINIC

Mityana, Uganda | LS3P Associates & Go Design Inc.



## Description

This medical campus in rural Uganda provides lab spaces, maternity care, emergency service, housing for doctors, and more, delivering critical and equitable access to health care for the region's women and children. In addition to supporting the fundamental human right of health care access, the project is also deeply connected to its place and equatorial environment, standing as a sustainable, net-zero facility that addresses the needs of its community. This project is a true demonstration of design's ability to solve problems for people in need. The combined expertise of design professionals, doctors, local craftspeople, and community stakeholders shaped a place for healing that is authentic in and of its place.

## ARCHITECT

LS3P Associates & Go Design Inc.

## OWNER/CLIENT

Go Design Inc.

## PHOTOGRAPHS/ILLUSTRATIONS

LS3P Associates

**CONSTRUCTION COST OR  
ANTICIPATED CONSTRUCTION COST**  
\$100,000

**BUILDING AREA OR  
ANTICIPATED BUILDING AREA**  
20,000 sq. ft.

**CONSTRUCTION START DATE**  
January 2022

**ANTICIPATED COMPLETION DATE**  
January 2023

## Jury comment

The jury appreciated how many organizations collaborated on this project, and the amount of planning necessary to make that happen. The impressively low cost and donation of pro-bono services are laudable.



# Healthcare Design Awards 2022 Jury



**Mara Baum, FAIA, LEED Fellow, EDAC, WELL AP (Chair)**

Mara Baum, FAIA, is a passionate leader committed to creating healthier, more sustainable buildings and communities. With more than two decades of experience, she is an internationally known expert in creating sustainable health care environments. She has focused much of her career on complex academic medical center projects, providing leadership related to sustainability, carbon emissions reduction, climate resilience, and health and well-being. She works closely with her clients to ensure that solutions exceed sustainability goals while also aligning with budget, operability, and infection prevention criteria. Outside of the studio, Mara is a longtime educator with Boston Architectural College, where she teaches Sustainable Design for Healthcare Facilities and Green Buildings and Health.



**Ellen Bailey Dickson, FAIA**

During a recession in 1991, Ellen Bailey Dickson, FAIA, launched her practice as a sole proprietorship. She strategically aligns her goals to grow with her dedication to contribute to social purpose and user advocacy through public architecture. Establishing a framework based on best practices and staff development, Ellen has guided her firm to a balanced portfolio, weathering economic and market fluctuations and securing increasingly significant commissions along the way. Over the years, she has grown her firm, which according to Diversity Business' analysis is Illinois' 25th woman-owned business, highest-ranked woman-owned architectural business in the State of Illinois, and the 358th woman-owned business nationally. Recognized in professional and business arenas of influence, Ellen has been awarded an AIA Fellowship, AIA Chicago Young Architect of the Year, National Association of Women Business Owners Business Woman of the Year, and International Enterprising Woman of the Year.



**Susan Chin, FAIA, Hon. ASLA**

Susan Chin, FAIA, Hon. ASLA, principal of DesignConnects, is an accomplished licensed architect, urbanist, and civic leader. She provides leadership and advice to government, nonprofits, and developers on culture, architecture, preservation, landscape, urban design, planning, and policy. She is an inspirational and insightful leader, partnership builder, discussion generator, lecturer, and design juror. Susan currently serves on the AIA Committee on Design Advisory Group, AIA Board Knowledge Committee, and NYC Public Realm Improvement Fund Governing Group. From 2011 to 2019, she led Design Trust for Public Space, a nationally and internationally recognized incubator that transforms, catalyzes, and ennobles New York City's underused space and landscape with public agencies, community collaborators, and private sector experts.



**Gary Hamilton, PE, CEng, PMP, LEED AP, CxA, EDAC, FASHE**

Gary Hamilton is a senior vice president and U.S. healthcare director lead at WSP, the nation's largest pureplay engineering health care firm. He is a licensed professional engineer in the U.S. as well as Europe and has over 26 years of experience in the design and delivery of health care projects around the world. He is a LEED AP and has designed over 25 projects that achieved LEED-certified status. He is a Fellow of the American Society for Healthcare Engineering (FASHE) and has written over 22 articles in multiple health care and engineering publications. He is also a seasoned speaker and has presented globally at several conferences and seminars. In 2007, he started his own nonprofit organization, Dreams to Reality Foundation, which seeks to empower youth and uplift community.



**Yen Ong, AIA, NCARB, LEED AP**

Yen Ong advances the architectural practice at 5G Studio Collaborative, a responsibility he fulfills as the principal architect overseeing the entirety of 5G's widely published, award-winning portfolio of projects in the United States, China, Vietnam, and Indonesia. One of the founding partners, Yen codified the firm's operational methodology, establishing protocols ranging from the definition of design content to the management of fluid collaboration and communication among project characters. He directs 5G's architectural research and defines the design narratives and frameworks for signature projects. Leading a practice culture that promotes curiosity, celebrates diversity, and empowers personal autonomy, Yen enables the discovery and the application of the extraordinary in project conditions. Born in Jakarta, Yen's design perspective is interculturally informed through his studies in Indonesia, Singapore, and Italy prior to earning his Bachelor of Architecture degree at Kansas State University.



**Ellen Taylor, PhD, AIA, MBA, EDAC**

Ellen Taylor brings more than 30 years of experience in architecture, research, and business to leading The Center for Health Design's research team. In 2017 *Healthcare Design* recognized her significant contributions to the industry with the HCD 10 Researcher award. A nationally and internationally recognized writer and speaker, she has led numerous grant-funded research programs and published numerous peer-reviewed papers. Ellen has a bachelor's degree in architecture from Cornell University's College of Architecture, Art and Planning; Global Executive MBA degrees from Columbia University and London Business School; and a PhD in design, patient safety, and human factors from Loughborough University in England. She serves on the Executive Committee for the FGI Health Guidelines Revisions Committee and the Editorial Advisory Boards of the *Health Environments Research & Design (HERD) Journal* and *American Journal of Infection Control (AJIC)* and is the 2022 president of the AIA Academy of Architecture for Health.



# Award call for submissions

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

**Submissions open January 2023.**

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