
CREATING INSPIRED SOLUTIONS THAT IMPROVE LIVES





We create inspired solutions that improve lives

Since 1975, BSA has dedicated itself to bringing structures to life, creating facilities that support and enhance the practices of healing, learning, and discovery as well as the people dedicated to them. With a balanced blend of inspired creativity, evidence-based design and years of experience, BSA has created inviting spaces for some of the nation's top healthcare, higher education, and research institutions.

The architects, engineers, planners, and interior designers take a coordinated approach to deliver solutions that create effective and efficient facilities. Design solutions serve as a bridge between the built environment and successful outcomes. The staff at BSA takes pride in its ability to provide an integrated approach to designing life-enhancing structures.

MARKET TYPE EXPERTISE

- Academic & Medical Research
- Academic Science
- Administrative Offices
- Business Incubators
- Community College
- Community Hospitals
- Corporate Research
- Engineering / Technology
- Health Education
- Inpatient & Replacement Hospitals
- Oncology / Orthopedic / Cardiology
- Outpatient / Medical Office

NOTABLE CLIENTS

- Children's Mercy Kansas City
- Corteva Agriscience
- Duke University Health System
- Eli Lilly
- Houston Methodist
- Indiana University
- Indiana University Health
- Indianapolis Airport Authority
- Purdue University
- UCHealth
- University of Notre Dame
- The University of Texas at Austin

The following pages showcase some of our more recent significant projects. The icons on each page denote a Healing, Learning, or Discovery project.



HEALING



LEARNING



DISCOVERY

Studio Locations

BSA's robust list of clients provides the foundation of design leadership and expertise in the healing, learning and discovery practices.



**6
REGIONAL
STUDIOS**

AUSTIN | DENVER |
INDIANAPOLIS | RALEIGH |
ST. LOUIS | TAMPA



**200+
EMPLOYEES**
ACROSS MULTIPLE
DISCIPLINES



BSA IS REGISTERED
TO PROVIDE DESIGN
SERVICES IN
**49
STATES**



Bring healing to life.

Building upon 50 years of healthcare expertise, BSA works with top-tier organizations to deliver healthcare environments informed by research and metrics, optimized through lean operational planning, and created with an integrated design approach to problem solving.

Fit to campus, fit to culture.

Together with our clients, we're changing the way people learn, and how people teach. Higher education buildings are undergoing a significant evolution. Through the creation of learning environments, varying from student centers to libraries to labs and science buildings, our experts understand how designs impact the challenges institutions are facing.

Facilitating discovery through design.

The labs we design produce superior outcomes. We realize that every research program is unique, and therefore the design solutions we develop are tailored to the objectives of the investigation performed while optimizing key characteristics of the discovery process.

IMPROVING LIVES, IT'S IN OUR DNA.

1975

An Architect and an Engineer came together in Indianapolis, to found Boyd/Sobieray Associates, unique in those days.

Don Altemeyer & Dick Sobieray Cir. 1976

1981

Riley Hospital for Children, the first building on the Indiana University School of Medicine Campus

2011

First contractual IPD Project in the region; Riley Hospital for Children Simon Family Tower

2014

Major Hospital's Replacement Hospital, one of the first Post-affordable Care Act facilities in the United States

Completed Purdue University Institute for Drug Discovery, where a new ovarian cancer detection drug was discovered

2016

Started design on Children's Mercy Research Institute, where researchers have sequenced the full genome of children with rare diseases

2022

Design started on Houston Methodist Cinco Ranch Comprehensive Care Center, which will serve as a model for future health care facilities, furthering the hospital system's mission to revolutionize care delivery

2024

Named a Top Workplace, recognized by USA Today

Wake Tech Education and Innovation Center, the first building on their sustainable, Green Globes centered campus



IU Health Ball Memorial Hospital Emergency Department, one of the first no waiting room EDs in the country

Methodist Cardiac Comprehensive Critical Care Unite - a Center for Health Pebble Project founding project. The objective is to better understand how the planning and design process affects behavioral and cultural change in healthcare organizations striving to create a healing environment

1999



First hospital designed with critical access designation: St. Vincent Randolph Hospital

2001

First LEED for Healthcare Certified hospital in Indiana: St. Vincent Fishers Hospital

The country's first LEED® Silver Campus: Eskenazi Health

2013



Transitioned to being an employee-owned company (ESOP)

2017

2019

UCHealth Steadman Hawkins Clinic Denver, state-of-the-art sports medicine center, physically marks the paradigm shift from illness to wellness

NeuroDiagnostic Institute and Advanced Treatment Center, Indiana's first state mental hospital since 1952

2020

CURIS Design, a joint-venture, was formed to design the IU Health New Downtown Hospital (\$1.85B/2.3M SF)

2021

IU Health Riley Maternity Tower opened as one of Indiana's most expansive neonatal intensive care units

2025

BSA celebrates 50th anniversary





Riley Hospital For Children Outpatient Center

INDIANA UNIVERSITY HEALTH | INDIANAPOLIS, INDIANA



As the leading pediatrics hospital in Indiana, Riley consolidated all outpatient services into one facility which was designed with young patients in mind. The design incorporates two separate but connected components: the medical specialty areas and the access center. The medical area uses the basement and floors one through three to house clinic programs and outpatient surgery programs.

The access center, located on the first floor, houses the registration area, gift shop and other non-clinical areas. A multi-story atrium establishes a central starting point to direct patients to clinics and connects all the floors into a public space. The open, airy feeling from the skylights creates a welcoming first impression for young patients and their families.

Bold colors and a playful approach to design, along with an absence of institutional fixtures, puts children at ease. Recessed lighting, wood paneling and other lush materials enhance the hospital's comforting atmosphere.

The exterior draws on the historic surroundings of its medical campus, blending campus standards with contemporary design elements.

PROJECT DETAILS

SIZE	248,000 SF (new)
COST	\$38.4 M
DATE	2000

KEY FEATURES

- Consolidated and centralized pediatric outpatient services, including diagnostic and treatment services
- Space for pediatric ambulatory care programs, education center, outpatient surgery center for both pediatric and adult patients, and unfinished interior space for future program expansions
- 13 pediatric ambulatory care programs
- Outpatient surgery (child & adult)
- Education center includes three meeting and conference rooms and a 200-seat auditorium
- Helipad



Ball Memorial Hospital ED

INDIANA UNIVERSITY HEALTH | MUNCIE, INDIANA



In emergency departments around the nation, the biggest complaint is the waiting. Ball Memorial Hospital addresses that complaint with a new kind of ED—one without a waiting room. Patients are greeted at the concierge area and escorted to private rooms equipped with televisions, phones, medical supplies and wireless computers for bedside registration.

With its architecture and interior design elements, the new ED increases privacy, confidentiality and efficiency and helps meet the hospital's goal to create the best patient experience possible.

Design considerations help the ED run smoothly. The walk-in entry is adjacent to the hospital's main entrance and parking garage. The ambulance entry is located on the other side, off a main city street. Four trauma rooms are near the entry. Less acute exam rooms are near the walk-in patient entry. A separate fast track area expedites care to reduce waiting times. The ED has its own digital radiology room, CT scan room and elevator to the surgical unit.

PROJECT DETAILS

SIZE	22,300 SF
COST	\$5.8 M
DATE	July 2003

KEY FEATURES

- No waiting room
- Private rooms equipped with televisions, phones, medical supplies and wireless computers for bedside registration
- Data from the first year shows an increase in patient satisfaction and visits, as well as improved throughput processes



Comprehensive Cardiac Critical Care Unit

INDIANA UNIVERSITY HEALTH | INDIANAPOLIS, INDIANA



Opened in 1999, the Cardiovascular Comprehensive Critical Care (CCCC) Unit at IU Health Methodist Hospital marked a turning point in patient-centered design.

As one of the first healthcare environments in the nation to fully implement acuity-adaptable patient rooms, the unit redefined traditional care delivery by allowing patients to remain in a single room regardless of acuity level. This approach drastically reduced transfers and improved outcomes, safety, and satisfaction.

Developed through an interdisciplinary, evidence-based planning process, the project became a national model, drawing widespread attention and inspiring design firms, healthcare systems, and researchers. It was registered as one of the first Pebble Projects by the Center for Health Design and remains one of the most studied and celebrated examples of innovation in healthcare facility design.

PROJECT DETAILS

SIZE	52,640 SF
COST	\$6.2 M
DATE	February 1999

KEY FEATURES

- Acuity-Adaptable Rooms: Enabled all levels of care in one room, reducing transfers by 90% and increasing patient safety.
- Zoned Patient Rooms: Clear separation for caregiver, patient, and family use; increased mobility and comfort.
- Decentralized Support: Nurservers, caregiver lounges, and education spaces reduced walking distances and improved efficiency.



Randolph Critical Access Hospital

ST. VINCENT HEALTH | WINCHESTER, INDIANA



Critical Access Hospital designation, along with a strategic partnership with St. Vincent Health Systems and Cardinal Health, gave a county hospital the support it needed to build a replacement hospital. St. Vincent Randolph Hospital was one of the first in the country specifically designed to be a Critical Access Hospital.

The results of the new outpatient-focused hospital have included an increase in patient volumes and patient satisfaction. Just one year after opening, revenues increased by 24 percent.

Outpatient services are easily reached from the main entry, improving the patient experience. The interior is filled with warm colors and familiar shapes; the home-like feel creates a healing environment. The one-story layout resembles a small city, with paths connecting public spaces to one another and to smaller alcoves.

PROJECT DETAILS

SIZE	62,000 SF
COST	\$19.3 M
DATE	November 2001

KEY FEATURES

- One of first in country designed as Critical Access
- 25 beds
- Women's healthcare services
- Emergency medicine
- Radiology
- Surgery
- Noninvasive testing
- Physical and occupational therapy
- Support areas for pharmacy and dietary food services



Graduate and Executive Education Center

INDIANA UNIVERSITY | BLOOMINGTON, INDIANA

Joseph E. Walther Hall

INDIANA UNIVERSITY SCHOOL OF MEDICINE | INDIANAPOLIS, INDIANA



The William J. Godfrey Graduate and Executive Education Center accommodates new students and emerging programs for IU's Kelley School of Business. The four-story building provides student lounges, the Career Development Office, program offices, executive education classrooms, research centers and simulated interview rooms.

The structure uses limestone, a material rich in Indiana University architectural history, to blend with the existing undergraduate business school. A terrace and landscaped courtyard are designed to encourage socializing between students and faculty in adjacent buildings. To foster interaction between graduate and undergraduate students and faculty, a two-story steel bridge links the Center to the existing undergraduate building. The four-story building provides a variety of spaces to help students land jobs.

PROJECT DETAILS

SIZE	167,000 SF
COST	\$28.2 M
DATE	June 2002

KEY FEATURES

- Architecture that complements existing buildings
- Flexible student learning environments
- Terrace and landscaped courtyard
- Career placement services for students

Walther Hall houses scientific discovery for lifesaving therapies. Designed to promote multidisciplinary collaboration among principal investigators and faculty researchers to increase translational research, the facility includes cancer, neuroscience, and immunobiology programs.

Laboratory spaces are designed with flexibility to accommodate technological advancements. Walther Hall also includes instrumentation rooms, tissue culture rooms, specialized testing rooms, suites for BSL-3 Research and vector production, as well as a cell repository and DNA serum bank. Consisting of six stories, a basement and a mechanical penthouse floor, the facility also supports administrative space an auditorium and shared conferencing areas.

PROJECT DETAILS

SIZE	254,000 SF
COST	\$63.2 M
DATE	February 2009

KEY FEATURES

- 23,495 SF vivarium
- 200-seat auditorium
- BSL-3 research and vector production
- Class 10,000 clean room
- Cell repository & DNA serum repository (for 50 ultra-low -90C freezers)
- Over 100 research labs
- Three BSL-3 suites, including one in the gene vector facility
- Uses almost 20% less energy than the national average for lab facilities
- Chemistry, anatomy, gross anatomy, physiology, and toxicology laboratories



Riley Hospital for Children at IU Health Simon Family Tower

INDIANA UNIVERSITY | INDIANAPOLIS, INDIANA



The Simon Family Tower is a new 10-story, 675,000 sf addition to Riley Hospital for Children at Indiana University Health designed to add capacity and enhance patient satisfaction. BSA designed the engineering systems for phase two of the project with a focus on minimizing waste and maximizing efficiency.

Phase two of the Simon Family Tower project was the first project in Indiana to use an Integrated Project Delivery approach. The IPD team measured their results against mutually-agreed upon project goals relative to schedule, safety and long term hospital operational goals relative to cost, quality and satisfaction. The project team used Lean design methods to create a mock-up patient room that the client could walk-through and comment on. This process saved \$325,000 in potential reconstruction.

PROJECT DETAILS

SIZE	360,000 SF
COST	\$196 M
DATE	2014

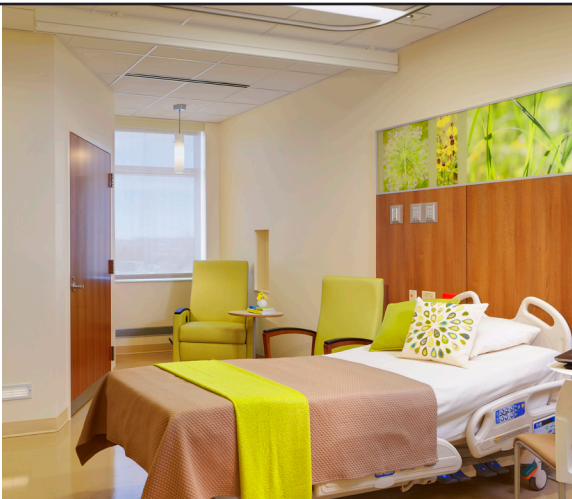
KEY FEATURES

- Lean design principles used to limit re-work and reduce costs
- First hospital in Indiana to use integrated project delivery
- \$325,000 saved in potential reconstruction
- LEED Silver certified
- Project consisted of designing new NICU, PICU, cancer, heart, burn, emergency and central sterile departments
- 10 organizations that collaborated on the design and construction of the project



St. Vincent Fisher Hospital

ST. VINCENT HEALTH | FISHERS, INDIANA



BSA worked on the planning and design for a phased expansion to the St. Vincent Fishers Campus. This expansion helps accommodate the growing healthcare needs for the Town of Fishers. The existing outpatient facility was outfitted with new spaces for 48 inpatient beds and an additional two observation rooms. The expansion included the addition of one C-section room in the LDRP suite and the build out of two existing shelled operating rooms.

Planning for this expansion involved developing an image for the facility that appeals to the local demographic while enhancing patient care and aiding in recruitment and retention of staff. As an integral part of the planning and design process, project goals and objectives were developed and metrics were used to measure the ultimate success of the project as it relates to these project goals and objectives.

It was the desire of St. Vincent to have a hospital that met the requirements of a LEED Certified facility. Sustainable design measures were implemented in how the building was sited and what landscaping was used, and throughout the design impacting the exterior skin, interior finishes and mechanical systems of the building.

PROJECT DETAILS

SIZE	131,777 sf (new) 33,572 sf (renovated)
COST	\$36.7 M
DATE	2012

KEY FEATURES

- 48 inpatient bed expansion
- Build-out of shelled spaces
- Site and infrastructure rework
- First LEED for Healthcare Certified hospital in Indiana
- Mothers spend the entire birthing process in same LDRP suite
- Space with relaxation tubs



Eskenazi Health Campus

ESKENAZI HEALTH | INDIANAPOLIS, INDIANA

The country's first
LEED® Gold campus



Eskenazi Health, formerly Wishard Health Services, is one of the nation's top five safety net hospitals serving residents of central Indiana. This teaching facility is a Level I trauma center and serves as the state's regional Burn Center. A complete replacement of all campus facilities was completed and has truly created a new medical campus and modern urban hub to support all of the needs to Eskenazi Health, IU School of Medicine and the community. The campus features approximately 1.3 million square feet of facilities and is one of the world's largest LEED Gold healthcare campuses.

The **Sidney & Lois Eskenazi Replacement Hospital** includes a 315-bed inpatient hospital, 19 operating rooms, four interventional labs, 12 labor and delivery rooms, a 100-bed emergency department with a 20-bed clinical decision unit.

The five-story **Fifth Third Faculty Office Building** relocates and consolidated 1200 staff and faculty members from Eskenazi and IU School of Medicine into one building adjacent to their new hospital. Additionally, it will be used as workspace for research and various academic support programs.

Eskenazi Health Campus: In 2002 BSA prepared a master plan with the focus on determining the most appropriate site for the replacement hospital. Once the location was determined operational and transition planning services began. Eskenazi Health had challenges to overcome, which included ensuring design principles were kept with the new work flows; especially around the patient experience, patient room turnover, admission processes and security practices and staffing.

PROJECT DETAILS

SIZE	1,125,000 SF
COST	\$431.9 M
DATE	Sidney & Lois Eskenazi Replacement Hospital Design: December 2008 - December 2013
	Fifth Third Faculty Office Building June 2012
	Post-occupancy Support: December 2014

Replacement Hospital

MAJOR HOSPITAL | SHELBYVILLE, INDIANA



The replacement facility for Major Hospital focuses on the goals of flexibility, patient and family centered care, staff efficiencies and improved medical outcomes. This project is one of the first post Affordable Care Act facilities in the United States.

The hospital focuses on outpatient services with a small percentage of inpatient services. An Emergency Department, Imaging, Ambulatory Care Center, Surgery, Birthing Center, ICU, Medical / Surgical Unit and Post Surgical Unit are included in the new facility. The entire second floor is designated to physician offices and exam space.

The hospital design eliminates patient room showers – increasing safety, efficiency and cost savings. This enables more room for patient toilet facilities and decreases potential for germ and disease spread.

PROJECT DETAILS

SIZE	300,000 SF
COST	\$66 M
DATE	January 2017

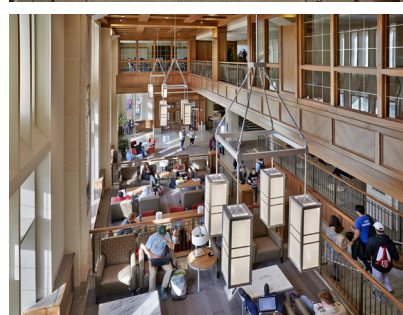
KEY FEATURES

- Bed capacity: 48 and 4 LDRs
- 38 ambulatory care rooms with toilets
- First post Affordable Care Act facilities in the United States
- 100% emergency power
- Flexibility for the future
- Energy Efficiency - 90 or higher "Energy Star" rating
- 14,000 SF Emergency Department
- New Emergency Department with 20 exam rooms and 2 trauma rooms



Hodge Hall Undergraduate Center

INDIANA UNIVERSITY | BLOOMINGTON, INDIANA



The Hodge Hall Undergraduate Center addition and renovation creates an experiential learning environment for student collaboration. New classrooms, meeting and student spaces support the Kelley School of Business.

The addition and renovation allows the university to accommodate an increasing student enrollment, while sustaining a high level of academic excellence. A distinctive new entry welcomes visitors and provides an identity for the undergraduate school. Spacious multipurpose rooms provide lounge space and areas for study. The rooms can also be used for small lectures, special events and receptions. High ceilings, wood paneling and beams are reflective of the university's traditional architecture. The architecture draws from the original School of Business - Woodburn Hall.

PROJECT DETAILS

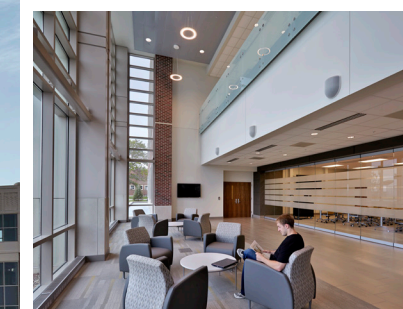
SIZE	83,520 SF
COST	\$25.2 M
DATE	June 2014

KEY FEATURES

- State-of-the-art collaborative audio visual technology spaces including global connections and wireless technology
- Configured spaces for after hours group-study
- Creates an identity for undergraduate program (separate from graduate program)
- Serves as top marketing tool for recruiting talent
- LEED Gold Certification

Purdue Institute for Drug Discovery

PURDUE UNIVERSITY | WEST LAFAYETTE, INDIANA



Purdue University's scientists are making drug discovery breakthroughs at the atomic and molecular levels. The new Drug Discovery Building provides the environmentally-controlled spaces needed to successfully develop new drugs, in particular, control of temperature, humidity and growth of molds. It is designed to encourage interdisciplinary collaboration and ground-breaking research in chemistry and biochemistry.

A research laboratory core is surrounded by offices and support spaces. This separates the lab zone from the office zone while still maximizing convenience, comfort and safety for the users. Windows into the labs maintain a visual connection among areas and enhance daylighting. All of the labs are designed so they can either be continuous and connected or separated into smaller clusters, creating flexibility and adaptability.

PROJECT DETAILS

SIZE	65,400 SF
COST	\$24.6 M
DATE	March 2014

KEY FEATURES

- A lab core is surrounded by offices and support spaces maximizing convenience, comfort and safety
- Lab designed for flexibility and adaptability
- Animal housing, microscopy, tissue culture
- Imaging center (NMR)
- Biochemistry and chemistry laboratories
- Infill site, part of a new three building complex
- Green Globe Certification
- Windows into labs maintain a visual connection and enhance day lighting



Children's Mercy Research Institute

CHILDREN'S MERCY KANSAS CITY | KANSAS CITY, MISSOURI



McCourtney Hall of Molecular Science & Engineering

UNIVERSITY OF NOTRE DAME | NOTRE DAME, INDIANA



The new Children's Mercy Research Institute transforms the field of pediatric research, integrating a translational model within a learning health system. Clinicians and scientists will work side by side in the collaborative space to benefit the smallest of patients.

This research tower is a nine-story vertical expansion atop an existing parking garage on the north end of the Adele Hall Campus for Children's Mercy Hospital in Kansas City. The research institute includes a new auditorium to serve both hospital and public needs, a discovery portal for community engagement, a conference center to serve hospital and research departments, a café, and several floors of research for dry and wet lab space.

Current pillar programs include genomics, therapeutic innovation, health outcomes and bioinformatics. The new facility provides space for new research programs, such as metabolomics and metagenomics, in addition to supporting the growth of emerging programs in systems biology, epigenetics, and molecular biology.

PROJECT DETAILS

SIZE	400,000 SF
COST	Withheld by owner
DATE	October 2020

KEY FEATURES

- "B" occupancy facility
- Nine-story vertical expansion atop existing parking garage
- Office and research space
- Conference rooms, classrooms, and lecture halls
- Programs include genomics, bioinformatics, metabolomics, metagenomics, and molecular biology
- 400+ person auditorium designed to accommodate a multitude of presentation platforms

The new Multidisciplinary Research Building brings together the College of Science and College of Engineering in an open and collaborative lab environment with a focus on Drug Discovery.

In addition to anchoring the new quads the building will begin the formation of an internal courtyard shared by future research buildings. Clustering offices and research centers in the knuckle fosters a collaborative neighborhood of interdisciplinary teams. The research labs are modular and adaptable to accommodate evolving science and changing team sizes.

Lab zones accommodate hood intensive or less hood intensive research. The lab diagram consists of two bays of modular benches and hoods. An adjacent bay of flex zone can accommodate lab, support, or team space. Team space is adjacent to the flex zone and is adaptable to varied team sizes.



2024
American Concrete Institute International,
Indiana Chapter *Institutional & Cultural*

2017
International Interior Design Association - Indiana Chapter,
*Interior Design Excellence Awards: Nominated in Higher Education
New Construction*

2016
Architectural Precast Association (APA): *Award for Excellence*

PROJECT DETAILS

SIZE	220,000 SF (New)
COST	\$60 M
DATE	August 2016

KEY FEATURES

- Supports collaboration between the College of Science's Department of Chemistry and Biochemistry and the College of Chemical and Biomolecular Engineering
- Key programs include Drug Discovery, Biomolecular Research and Biochemistry Research
- Key core facilities include an NMR facility with four NMRs, a SEM facility and a Mass spectrometry facility
- The corner "knuckle" houses public entry and gathering, researcher offices and meeting areas
- The north wing and east wing house research labs at all levels
- Seeking LEED Silver certification



Steadman Hawkins Clinic Denver & CU Sports Medicine

UCHEALTH | ENGLEWOOD, COLORADO



A holistic perspective on human movement transforms the care of athletes at the UCHealth Steadman Hawkins Clinic Denver and CU Sports Medicine facility. This facility boasts a consortium of orthopedic surgeons, physical therapists, sports performance coaches, and researchers. Athletes at all levels are provided with the highest level of care and attention by this diverse and complementary team. Human-centered sports medicine fosters empathy for both the athlete and clinician alike by promoting vitality through access to nature, physical movement, nutrition, and respite. Exceptional research and expertise intersect to discover ideal treatment strategies and optimize athletes to their peak performance.

This new state-of-the-art health center supports the sports performance medicine and orthopedic program. Continuing existing momentum with groundbreaking procedures by UCHealth and CU surgeons will keep athletes healthy and at optimal performance levels. With site space located on 8.26-acres, this new clinic will offer ambulatory surgery, sports performance services, physical therapy, radiology and orthopedic clinics.

PROJECT DETAILS

SIZE	148,846 SF
COST	Confidential
DATE	June 2019

KEY FEATURES

- Ambulatory Surgery Center
- 6 operating rooms
- Sports Medicine Rehabilitation Clinic with 24 rooms
- Outdoor sports turf area
- Daylighting played a large role in the design
- 300 car parking deck
- Shelled space for growth



NeuroDiagnostic Institute

FAMILY & SOCIAL SERVICES ADMINISTRATION | INDIANAPOLIS, INDIANA



The NeuroDiagnostic Institute and Advanced Treatment Center, Indiana's newest state psychiatric hospital, delivers advanced evaluation and treatment for patients with the most challenging and complex neuropsychiatric illnesses and move them more efficiently into the most appropriate treatment settings within the community or state mental health system.

The 7-story facility is equipped with 159 beds and serves up to 1,500 patients a annually. The facility is on the campus of Community East Hospital in Indianapolis and will serve a diverse patient population – with programs that include adolescent autism, adult acute psychiatric, adult psychiatric intensive care, neuro-cognitive disorders and psych-med for children and adolescents. Patients will be referred to the hospital from community mental health centers, state psychiatric hospitals and judicial partners. This facility offers diagnosis and treatment for a wide variety of brain related illnesses such as acute and chronic mental health illness, intellectual and developmental disabilities, traumatic brain injuries, chronic substance abuse addictions, and neurodegenerative illness.

PROJECT DETAILS

SIZE	216,000 SF
COST	\$72 M
DATE	March 2019

KEY FEATURES

- Patient centered care with a focus on staff safety and high visibility
- Inpatient units designed for specific patient populations
- Social spaces that encourage human interaction and promote sense of community
- Private spaces that promote independence and healing
- Outdoor recreations / therapy spaces
- Multi-functional treatment mall
- Tunable Lighting
- Educational partnerships with local universities



New Downtown Hospital

INDIANA UNIVERSITY HEALTH | INDIANAPOLIS, INDIANA



Pearson Hall Renovation

MIAMI UNIVERSITY | OXFORD, OHIO



The core project team consists of a joint venture, CURIS Design, made up of BSA, CSO, and RATIO Architects.



Indiana University Health plans to transform its downtown adult academic medical center by creating a new campus for affordable, high-quality care in the state of Indiana by incorporating leading-edge medical care and services in a highly efficient facility. The expansion will consolidate two of three Indianapolis adult hospitals on an expanded 44-acre medical campus expansion downtown. The cornerstone of the campus is the New Downtown Hospital, an 864-bed tower with comprehensive diagnostic and treatment services, all hospital-based, attached to convenient multi-disciplinary ambulatory care centers. In addition, there will be a new central utility plant and a new centralized service building (logistical services and parking).

The preliminary blueprint for the new hospital calls for a distinctive building of three glass-fronted towers of 15 stories with rooftop helipads and enclosed walkways to nearby buildings and parking garages. An energy-efficient, LEED silver design will ensure a healthy and comfortable indoor environment. At the same time, the site will be sculpted as a green campus to manage pollution and limit runoff into the White River.

Several objectives for this project are being set to increase convenience for patients, staff, and visitors. Improving wayfinding and parking, adding spaces that support clinical best practices and state-of-the-art technology, and increasing community access to high-quality healthcare are just a few strategies the design team will support to accomplish the overarching consolidation efficiency goals.

PROJECT DETAILS

SIZE	2,370,000 SF
COST	\$1.85 B
DATE	Est. 2028

KEY FEATURES

- One of the most notable construction projects in the history of Indianapolis and the largest facility investment yet by IU Health.
- 25% participation on design and construction projects to local certified veteran, women and minority-owned businesses, and 50% overall local business participation.
- The goal is to create a highly efficient consolidated adult academic medical center campus focused on quality delivery of clinical care at a high level of patient and staff satisfaction.

Miami University's Pearson Hall was in desperate need of a refresh and planned a major renovation. The renovated design converted an underused courtyard surrounded on four sides into a bright, airy internal space. Topped by a pyramid of glass, the space now welcomes students and faculty, serving its original intent as a place to step away from the classroom and be immersed in natural light.

Another feature of the renovation is the energy efficiency of the facility. Chilled beam system, redesigned airflows, and other improvements collaborated to reduce Pearson Hall's energy footprint by 50 percent – a result that contributed to the attainment of the LEED Gold certification.

Classrooms and common areas were designed to promote conversation and the sharing of ideas and discoveries. New labs include extended, movable workbenches and desks with multiple functions and modular spaces.

PROJECT DETAILS

SIZE	132,000 SF
COST	\$39.2 M
DATE	August 2020

KEY FEATURES

- Occupied multi-phased renovation
- Renovation of 1985 facility
- New labs include extended, movable workbenches and desks with multiple functions and modular spaces
- Reduced Pearson Hall's energy footprint by 50 percent
- LEED Gold certification



Riley Hospital for Children at IU Health Maternity Tower

INDIANA UNIVERSITY HEALTH | INDIANAPOLIS, INDIANA



The new Riley Children’s Health Maternity Tower centralizes all inpatient childbirth and newborn care offered at three Indiana University Health hospitals in downtown Indianapolis. Riley now houses the largest number of neonatal intensive care unit (NICU) beds in Indiana and among the largest in the country.

Families who had previously visited the Riley Hospital for Children facility might not recognize the healthcare provider’s newly renovated tower, the “phase three” building of a five-phase campus, to expand and modernize health services for mothers and their newborn babies.

When visitors enter the first-floor lobby, they are surrounded by bright, naturally lit and modernized spaces, public and more private waiting areas, open spaces, and a grand view of the original front façade of Riley Hospital for Children that adorns the west wall of the atrium. Two round, all-glass elevators greet visitors, inviting them to see all the way up the building.

Designing a comprehensive, cohesive medical tower that meets the needs of staff, their patients, and families for years to come in the heart of downtown Indianapolis was BSA’s mission, all as the campus continued operating 24/7. The new Tower achieves Indiana University Health’s goal of improving the health of its patients and community through innovation and excellence in care, education, research, and services.

PROJECT DETAILS

SIZE	190,000 SF
COST	\$84 M
DATE	November 2021

KEY FEATURES

- Largest number of neonatal intensive care unit (NICU) beds in Indiana and among the largest in the country
- Renovated while the campus continued operating 24/7 to serve patients and families
- Three OB ICU beds to provide safe care for critically ill patients

Anna Hiss Robotics Institute

THE UNIVERSITY OF TEXAS AT AUSTIN | AUSTIN, TEXAS



The existing gymnasium building had been vacant for some time and during this time many departments have tried to find uses for the building. The two-story structure was built in 1930 and is in amazingly good condition, however the exterior needed to be stabilized and aging roof and windows replaced. The building originally housed women’s athletics and is viewed as one of the historical buildings on campus with the original blended camel exterior brick and red Spanish tile roof matching the original campus buildings.

The University selected BSA to convert the building into a robotics laboratory. The vision was to pull the growing robotics program together on campus from the three schools and multiple building and campus locations into one space where a collaborative environment could be provided. This renovation provided a state-of-the-art facility that met all the modern technological needs of the research while maintaining the historic fabric of the Anna Hiss Gymnasium. One-of-a-kind research is now able to take place in a one-of-a-kind building.



2022
Associated General Contractors,
Texas Building Branch,
*Outstanding Construction
Best of Build*
Learning by Design: *Renovation
/ Multiuse Building Honorable
Mention*

2021
Associated General Contractors,
Austin Chapter: *Outstanding
Construction*
Construction Owners Association
of America: *National Gold Medal*
CODAawards: *Landscape Design
Merit Award*

PROJECT DETAILS

SIZE	55,240 SF
COST	\$23.4 M
DATE	June 2021

KEY FEATURES

- Modern and flexible learning environment
- Adaptive reuse of a historical building
- Massive infrastructure upgrades leading to better energy efficiency
- Power and data redistribution to accommodate robotics labs
- Supports programs for aerospace and engineering mechanics, robotics, computer science, electrical and computer engineering, mechanical engineering, and fine arts
- Supports the University’s partnership with the U. S. Army’s modernization initiatives



West Hospital Campus Expansion, New Tower & Podium

HOUSTON METHODIST | HOUSTON, TEXAS



BSA is spearheading the expansive Houston Methodist West Campus renovation and expansion project, a multifaceted endeavor encompassing several components and phases. The cornerstone of this initiative is the construction of a new six-story patient bed tower, the East Tower. Additionally, the existing West Podium will undergo a three-story expansion, while the original hospital will receive a single-story addition to accommodate an enlarged food services area. Furthermore, the project entails substantial improvements to the central utility plant. These major expansions have been masterplanned and phased to allow for the 3-Story West Podium and food service addition to be done first (Phase 1) and the 6-Story East Tower to follow (Phase 2).

With a projected total expansion of approximately 360,000 BGSF, this undertaking is truly ambitious in scale. The guiding principles underpinning this project are threefold: first, to elevate the healthcare experience by curating a warm, welcoming, and easily navigable facility with a hospitality-inspired ambiance; second, to create spaces that are built to withstand the test of time, supporting operational flexibility, optimization, and future needs; and third, to employ evidence-based design principles that promote safety and quality.

PROJECT DETAILS

SIZE	231,000 SF (New) 130,000 SF (Reno)
COST	Confidential
DATE	Est. Fall 2026

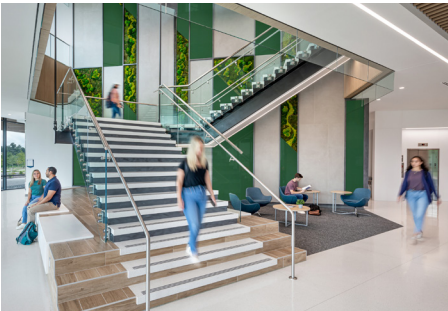
KEY FEATURES

- Complex, phased project
- Focus on exceptional patient-care delivery and heightened patient experience
- Multiple stakeholders and user groups
- Renovations throughout with expansion & additions to core support services
- Long-term flexibility is a core focus of the vision and design of the project
- Increased surgery capacity, additional intermediate care, antepartum and ICU/NICU beds, streamlined imaging and emergency department with new observation unit



Education & Innovation Center

WAKE TECHNICAL COMMUNITY COLLEGE | WENDELL, NORTH CAROLINA



Being built on the new Eastern Wake 4.0, this facility will provide opportunities in eastern Wake County for a body of students whose educational needs are currently not being met and for an underserved area. The building will serve as the gateway into campus, and the warm and welcoming design provides an accessible and inclusive experience for students.

This classroom and student services building will consist of general chemistry and biology labs, student services spaces, auditorium, library, and individualized learning areas. Typical smart classroom spaces will be included supplemented by other support learning spaces to allow for flexible teaching opportunities.

Sustainability strategies such as solar panels, sun shading devices, energy efficient building systems and a high performance envelope are an integral part of the design of the building and contribute to the campus's sustainability goals. A monumental stair in the main lobby and glassy stair towers flanking the building promote student and faculty wellness.



2024
Green Globes Project of the Year
Runner-Up

PROJECT DETAILS

SIZE	110,000 SF
COST	\$49.5 M
DATE	Est. 2023

KEY FEATURES

- First building on a brand new campus
- Collaboration spaces
- General classrooms
- Connecting green spaces
- Teaching and research labs
- Three Green Globes

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