

# BEYER BLINDER BELLE

Design for  
Higher  
Education







## BEYER BLINDER BELLE

Educational institutions are complex communities that resonate with BBB's inquisitive culture. Our planning and design for educational institutions are based on a commitment to understanding the mission and responding to the unique physical, historical, and cultural context of each campus. Our academic projects are attentive to the particularities of program, while also creative and flexible to accommodate evolving pedagogies and the dynamics of campus life.

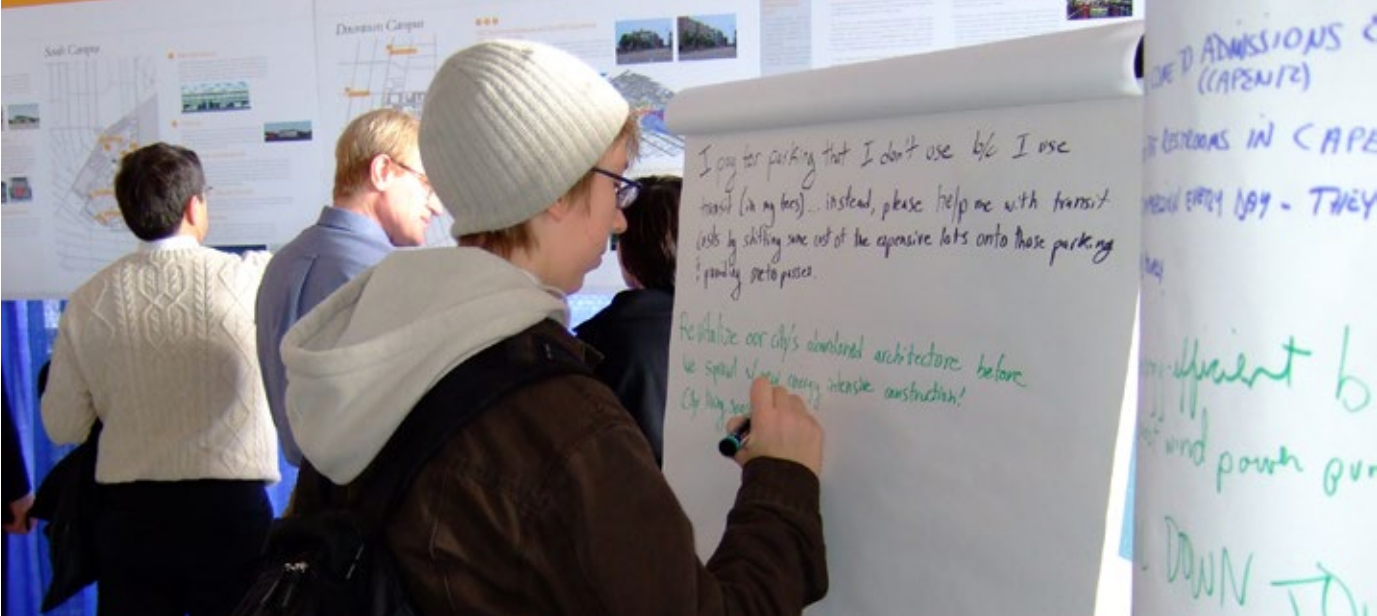
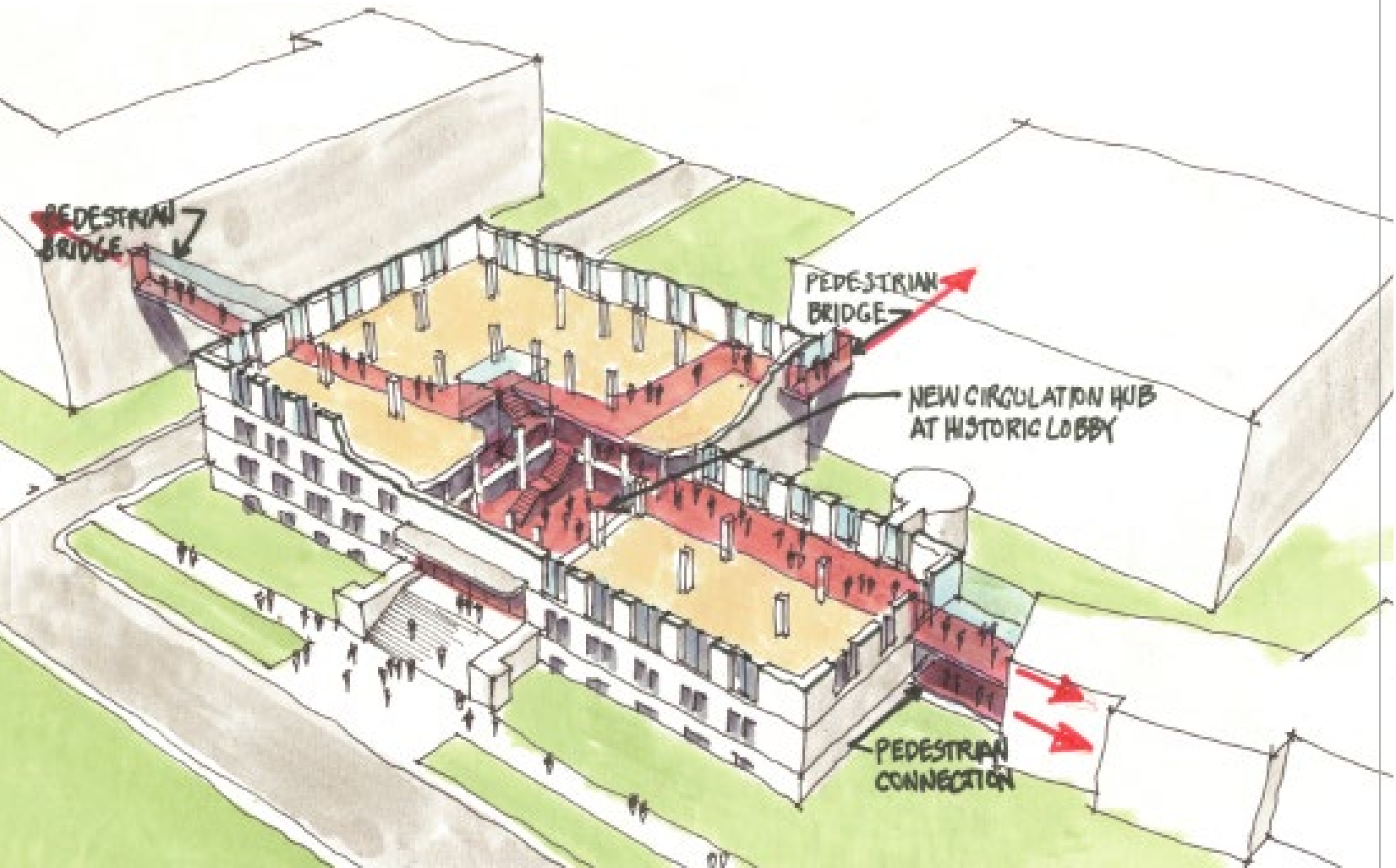


# Methodology

## The demands on academic facilities have never been greater.

Often a building is expected to fulfill goals beyond its program—recruiting and retaining the best student and faculty talent, reinventing campus identity, and welcoming community and business partnerships, to name a few. In response to evolving pedagogical models and technology, an increasing emphasis on interdisciplinary study and research, and the transformation of many campuses into living-learning environments, a more intensive, more flexible, and more creative approach to academic design is required. And these objectives must be achieved within increasingly tight budget and scheduling parameters.

Beyer Blinder Belle’s success in meeting these challenges is built on a philosophy of **engagement, analysis, and creativity.**



We are constantly engaging with clients and end-users for a truly collaborative process.

Academic projects tend to be complex, with many institutional voices seeking to guide them. **At no time is collaboration and consensus more important than during the programming phase**, when we come to understand our client’s expectations for a building. These discussions must go beyond the determination of quantitative needs in order to understand how the space will support teaching, learning, working, and gathering. Working closely with decision-makers, we distill this input into a strong vision and program for the project that will meet both current and future needs.

Our track record of outstanding academic design is supported by our successful practices in campus planning, facilities assessment, and feasibility studies. By applying these evaluative skills in the early phases of a project, we ensure that **the design vision is grounded in the realities of existing conditions, site context, and cost parameters.** We bring broad expertise to the table in every academic design effort, with a unique mix of staff talent tailored to the specific needs of each client.

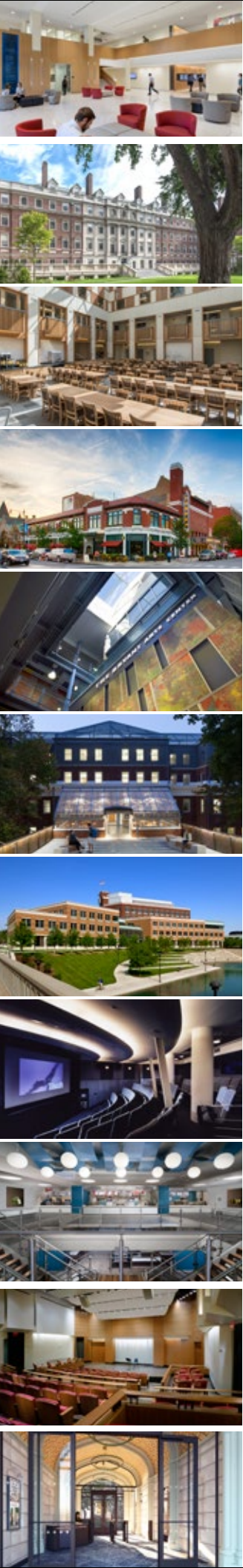
Borne of a deep curiosity about and understanding of mission, culture, and context, our design solutions for academic facilities achieve an elegant simplicity that clarifies and synthesizes disparate space needs and building functions. **Our designers share a desire for collaboration, an appreciation for life-long learning, and a passion for developing both the big picture and the smallest detail.**

Often our design will hinge upon a single, unexpected intervention—a new view to the exterior, an uncommon adjacency, the widening of a corridor—that transforms the occupant’s experience.

Clients

- Aga Khan University
- American University in Cairo
- Amherst College
- Colby College
- Columbia University
- Cornell University
- Dartmouth College
- Denison University
- General Theological Seminary
- Harvard Business School
- Harvard University
- Indiana University Bloomington
- Indiana University –Purdue University Indianapolis
- Lehigh University
- Manhattan School of Music
- Massachusetts Institute of Technology
- The Neil D. Levin Graduate Institute of International Relations and Commerce (SUNY)
- New York University
- New York University Tandon School of Engineering
- Princeton University
- Stony Brook University (SUNY)
- Union Theological Seminary
- University at Buffalo
- University of Chicago
- University of Maryland
- University of Pennsylvania
- Worcester Polytechnic Institute

Featured Projects



Massachusetts Institute of Technology  
Morris and Sophie Chang Building  
Cambridge, MA

Harvard University  
Undergraduate House Renewal  
Winthrop House  
Cambridge, MA

Harvard University  
Undergraduate House Renewal  
Swing Space and Interiors Renovations  
Cambridge, MA

University of Chicago  
Chicago Innovation Exchange  
Chicago, IL

Denison University  
Bryant Arts Center  
Granville, OH

Lehigh University  
Williams Hall  
Bethlehem, PA

Indiana University –Purdue University Indianapolis  
Health Information and Translational  
Sciences Building  
Indianapolis, IN

New York University  
Tisch School of the Arts “Broadway Block”  
New York, NY

Stony Brook University  
Roth Dining Pavilion  
Stony Brook, NY

Manhattan School of Music  
Andersen Residence Hall and Performance Spaces  
New York, NY

Union Theological Seminary  
Hastings Hall  
New York, NY





# Massachusetts Institute of Technology Morris and Sophie Chang Building

**BBB's comprehensive renovation and rooftop addition has recharged MIT's historic Building E52 for reinvigorated academic use and institute-wide conferencing.**

Prominently located on the Charles River, the 6-story building constructed in 1938 houses MIT's Department of Economics, administrative suites for the Sloan School of Management, and an Institute conference center in the former home of the Faculty Club. An extensive programming and space planning effort yielded a design that incorporates abundant daylight, glass, and new communicating stairs that provide clear circulation routes throughout the building. The crown jewel of the building is a new glass-enclosed rooftop conference center with sweeping views of the Boston skyline that accommodates 700 people and features technology, acoustics, moveable partitions, and furniture that allow for maximum flexibility.

**Location** Cambridge, MA  
**Size** 155,000 SF  
**Completed** 2016  
**Construction Cost** Confidential  
**Certification** LEED Platinum







# Harvard University, Undergraduate House Renewal, Winthrop House

**BBB's design for Winthrop House, one of Harvard's historic River Houses, combines a complete re-visioning of its residential, academic, and public spaces with comprehensive envelope and system upgrades as well as a 41-bed addition.**

Winthrop House, comprised of two Neo-Georgian former freshman dormitory buildings from 1913, had undergone few upgrades since its construction. The renewal program re-envisioned Winthrop's residential, academic, social, and co-curricular spaces and addresses technical challenges, including significant envelope upgrades, the installation of all-new mechanical systems, and detailed restoration work for the House's signature public spaces. Amidst the sensitive context of Harvard's River Houses, BBB also designed Robert M. Beren Hall, a distinctive 41-bed addition that includes shared amenities for undergraduates.

Working with the House Renewal Project Management Office, Faculty of Arts & Sciences, the Faculty Deans, and students, BBB both re-conceived the traditional public spaces and created new amenities to provide flexibility and variety of use. The original Dining Hall, which is partially below grade, has been expanded to increase dining capacity as well as enlarge the courtyard terrace atop the new extension. New common rooms and student life spaces, such as a student-run café and a rooftop common room with dramatic views of the Charles River and the Harvard campus, support the Winthrop House community spirit.

**Location** Cambridge, MA  
**Size** 207,000 SF (4 buildings)  
**Completed** 2017  
**Construction Cost** Confidential  
**Certification** Targeted LEED Gold

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# Harvard University Undergraduate House Renewal Swing Space and Interiors Renovations

**BBB's design for the Harvard undergraduate House Renewal Program preserves the spirit and culture of each residential House by creating a home away from home for students during their swing year.**

Harvard University's undergraduate Houses are at the heart of the student experience. Each House is an independent live/learn facility that incorporates all aspects of student life and includes sleeping, dining, learning, and gathering spaces. As part of the House Renewal Program, BBB designed the swing space necessary to vacate residence halls and relocate students into existing buildings in and around Harvard Square. A centerpiece of the project is the conversion of the former Inn at Harvard into student housing and communal facilities, including a central dining hall in the building's atrium, which serves as a temporary hub for each House under renovation. BBB worked closely with House Faculty Deans and Harvard administrators, and with feedback from students, emulated the functions and comforts of the House to create a home away from home during the swing year. Under related projects, BBB provided interior design services—including space planning, selection of finishes and furniture, and feature artwork—for student bedrooms, classrooms, and common spaces at several other existing residential Houses undergoing renovation.

**Location** Cambridge, MA  
**Size** 280,000 SF (7 buildings)  
**Completed** 2014  
**Construction Cost** Confidential  
**Certification** Targeted LEED Gold

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## University of Chicago Chicago Innovation Exchange

**BBB has adaptively reused an early 20th century landmark theater in the heart of Hyde Park to create a home for the Chicago Innovation Exchange—a central gathering place for Chicago’s innovation ecosystem and a catalyst in the ongoing renaissance of 53rd street.**

The Chicago Innovation Exchange (CIE) is a “town square” for the innovation community where members from different University of Chicago departments and programs, affiliates of the University, and South Side entrepreneurs can come together to collaborate and to participate in shared events. The design, by BBB and Built Form Architects, reflects the spirit of innovation by complementing the powerful character of the 1912 Harper Theater with crisp and contemporary new materials and simple industrial forms. The adaptively-reused space has a robust personality impossible to achieve in a new building. Massive brick walls contrast with glass conference rooms and colorful workspaces and lounges. A multi-disciplinary team at BBB has also fully integrated interior design and environmental graphic design with the architecture, infusing the identity and values of the CIE in the fabric of the structure.

**Location** Chicago, IL

**Size** 24,000 SF

**Completed** 2014

**Construction Cost** Confidential







# Denison University Bryant Arts Center

**BBB's transformation of a 1904 gymnasium building creates a contemporary identity for Denison University's Art Department and promotes the cross-fertilization of visual arts disciplines under one roof.**

BBB's design for The Bryant Arts Center at Denison University unites and anchors the Art Department, which was originally housed in separate buildings that lacked adequate classroom and studio space. With an emphasis on communal areas, strategic additions encourage formal and informal interactions. Playing off the qualities of the existing Neoclassical building, the additions are linked by pathways, terraces, and entrances that improve access between the building, campus, landscape, and town. The scale and massing of the new construction respect the aesthetic of the original Cleveland Hall, while a reinterpretation of traditional materials, such as brick and zinc, lends a distinctly contemporary identity. A new 4-story, central atrium provides a vertical connection between classrooms, galleries and common spaces, and on the gallery wall at its center, salvaged wood flooring from an original painting studio has been repurposed to serve as a colorful reminder of the Art Department's vibrant past.

**Location** Granville, OH  
**Size** 46,000 SF  
**Completed** 2009  
**Construction Cost** \$14 million  
**Certification** LEED Gold







# Lehigh University Williams Hall

Following the completion of a comprehensive Campus Master Plan, BBB designed the adaptive reuse of Williams Hall—a former laboratory building, constructed in 1903 and located in the heart of the historic Asa Packer Campus.

The project began with a programming effort to bring together three academic departments and the Dean of Student Life under one roof, with a focus on developing shared gathering, conference, and support spaces. A new double-height Global Commons serves as a multi-use lecture, gathering, and student space to promote “globalization.” A café and a variety of seating layouts encourage both formal and informal use. Exterior modifications give new life to a building whose proportions were compromised by a rebuilding campaign after a fire destroyed the top floors in the 1950s. A monumental new roof screen emulates the original hipped roof line before the fire and hides rooftop mechanical equipment. Acknowledging that many buildings on the dramatically sloped campus have two front faces, an accessory greenhouse at the rear of the building has been turned into a new passively ventilated “breezeway” entrance to the Global Commons, encouraging circulation through the building.

**Location** Bethlehem, PA  
**Size** 63,000 SF  
**Completed** 2015  
**Construction Cost** \$18 million





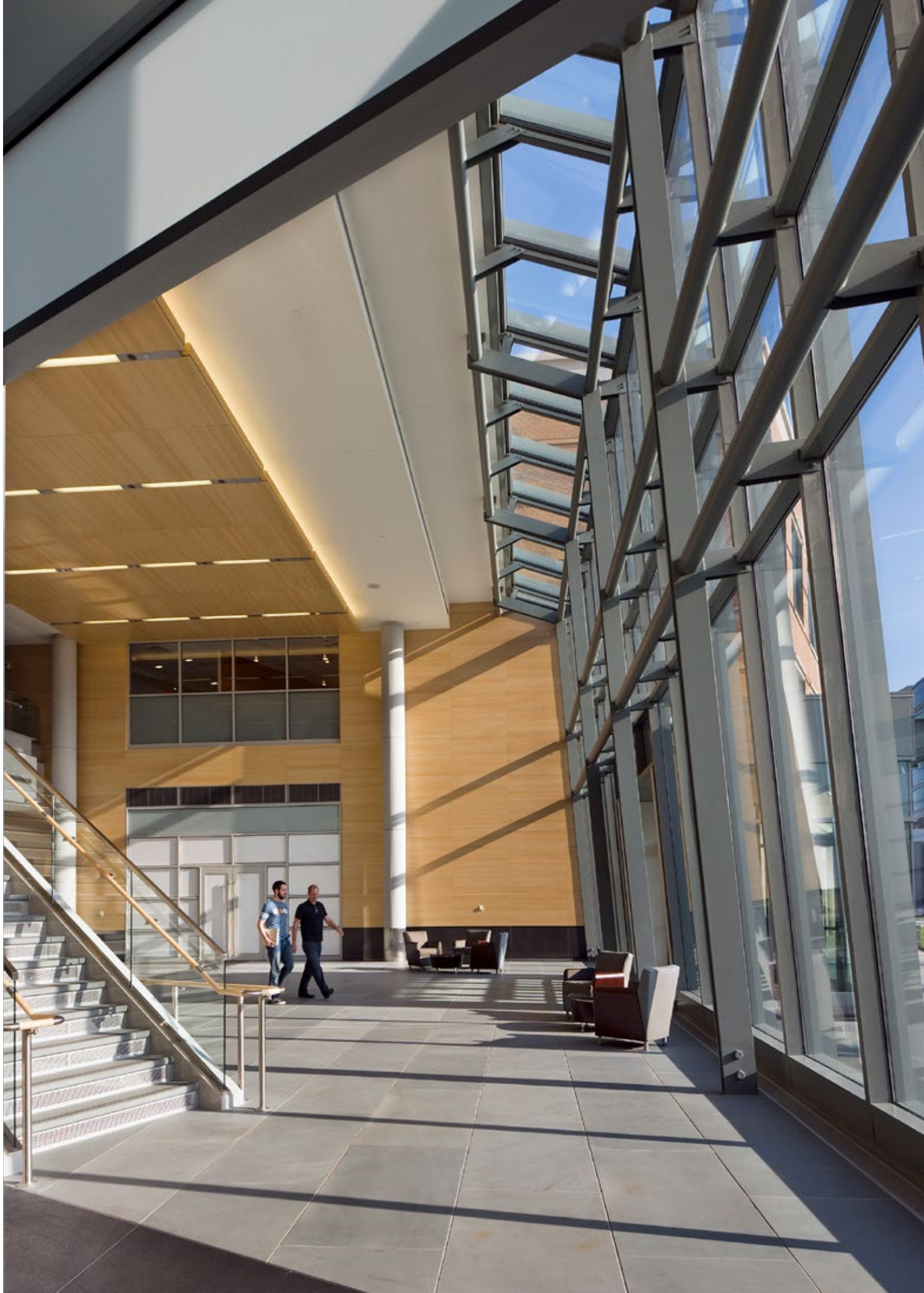


# Indiana University– Purdue University Indianapolis Health Information and Translational Sciences Building

**BBB's design for IUPUI's new HITS building fosters an interdisciplinary approach to scientific inquiry and learning.**

The new Health Information and Translational Sciences (HITS) building is a contemporary yet contextual, technology-based research facility. Housing eight academic departments, the building provides dedicated teaching, research, and collaboration space for over 430 scientists and research assistants. As a prelude to the design, BBB's initial site planning study examined various land use and massing options for the site. The result is a complex of low- and mid-rise volumes joined by a dramatic two-story glass atrium that overlooks the canal basin. A 7-story tower marks the building's western entry and also serves as a beacon for the community. Local materials such as Indiana limestone and variegated brick compose the exterior, while ash wood is combined with perforated metal on the interior. An internal light well introduces natural light into the building, and open workstations ensure that everyone is within 30 feet of daylight.

**Location** Indianapolis, IN  
**Size** 169,000 SF  
**Completed** 2004  
**Construction Cost** \$31 million







# New York University Tisch School of the Arts “Broadway Block”

**BBB’s planning and design for NYU’s “Broadway Block” creates an overall identity for the Tisch School of the Arts while still maintaining the unique character and requirements of each department.**

BBB’s master plan for the “Broadway Block” connects four 12-story, historic buildings, regularizes circulation, organizes faculty offices, and creates common gathering spaces for the Tisch School of the Arts. Underutilized basement space was transformed into screening rooms, and a new 2-level lobby on Broadway unifies the front entrance to the building. The interior design emphasizes a contrast between elegant and rough finishes—such as maple millwork and exposed concrete floors—resulting in a learning and working environment that is both aesthetically appealing and achieved on a relatively constrained budget. In addition, BBB repaired and restored the ground floor storefronts and coordinated base building infrastructure upgrades. With the School and the construction team, BBB developed construction phasing and sequencing to ensure the continued operation of building occupants during construction.

**Location** New York, NY  
**Size** 17,500 SF  
**Completed** 2009  
**Construction Cost** \$33 million







# Stony Brook University Roth Dining Pavilion

**BBB's comprehensive renovation of the Roth Dining Pavilion creates a vibrant hub for eating, studying, and socializing.**

The Roth Dining Pavilion at Stony Brook University provides food service and gathering spaces for the Roth and Tabler residential quadrangles. The two-level facility accommodates dining rooms for 300 students, a café, a full-service kitchen, seminar rooms, and lounge spaces that enhance student life. The materials palette is simple and elegant, featuring wood-slatted acoustic ceilings that lend the facility a timeless and natural quality and complement the surrounding environment visible through floor-to-ceiling windows in the dining area. BBB also updated the exterior through the design of a new accessible bridge entrance to the upper level, along with roof and window replacement.

**Location** Stony Brook, NY  
**Size** 30,000 SF  
**Completed** 2008  
**Construction Cost** \$9.5 million







# Manhattan School of Music Andersen Residence Hall and Performance Spaces

**BBB’s design for a new, multi-use residence hall creates a vertical campus for an internationally renowned music conservatory in upper Manhattan.**

Located in Morningside Heights, amidst a collection of notable universities and religious institutions, Andersen Hall is a fully-realized campus for the prestigious Manhattan School of Music. The 19-story, mixed-use facility consolidates the different programs of the school—previously scattered in buildings throughout the neighborhood and beyond—into one vertical campus. The tower consists of 12 floors of student residences with a total of 517 beds, as well as the President’s penthouse apartment and entertainment space, a library, and 58 practice rooms. The project also includes a parking garage, a public lobby and box office, and two donor-funded performance spaces: an intimate 150-seat recital hall with raked seating and a larger, flat-floor space that seats 200 and accommodates a wide range of performances. BBB’s work at Manhattan School of Music included both master planning and architectural realization in order to ensure that the design accommodates future academic and residential needs.

**Location** New York, NY  
**Size** 242,000 SF (Andersen Hall); 9,500 SF (Performance Spaces)  
**Completed** 2001 (Andersen Hall); 2007 (Performance Spaces)  
**Construction Cost** \$51 million (Andersen Hall); \$4 million (Performance Spaces)







# Union Theological Seminary, Hastings Hall

**Following the client's adoption of BBB's proposed comprehensive Campus Renewal Plan, BBB is providing design services to renovate the historic Morningside Heights campus, starting with student housing in Hastings Hall.**

Built in 1910 as an 85,000 sq ft student dormitory offering 2-room chambers for students with shared bathrooms on each floor, Hastings Hall was converted primarily to apartment style units with small kitchenettes and bathrooms in the 1980s. With significant shifts in student housing needs since the last renovation, it was important for UTS to both maintain the existing number of units and provide all residents with an enhanced residential experience. BBB's design provides a more flexible mix of units including studios, flexible 2-room suites, and traditional dormitory rooms. Materials and finishes refer to the patterns and textures of the historic campus interpreted to a contemporary interiors language. BBB led programming sessions with students to ensure the renovated building would reflect their needs. Common spaces on each floor now provide a range of social and study space, including for meditation, prayer, group study, and shared cooking and eating. With the central plant for the campus located in the basement of the building, the project is a key element of the Campus Renewal Plan, providing the infrastructure for upgraded HVAC, electrical, and fire protection systems throughout the campus.

**Location** New York, NY

**Size** 85,000 SF

**Completed** 2020

**Construction Cost** Confidential

**Certification** Targeted LEED Silver

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# Campus Planning

Along with design for higher education, planning for educational institutions is central to BBB's practice. As planners, we understand the large-scale forces that affect the future of campus and community. As architects, we are able to enrich our planning efforts with design and technical expertise in assessing existing buildings and envisioning spaces, additions, and new buildings that will both support and transform them. Our ability to infuse long-term planning with an architectural sensibility assures our clients that our plans are both visionary and achievable.

We have prepared comprehensive campus-wide plans for many venerable colleges and universities across the country. We have also prepared specialized planning and design studies for educational campuses and facilities including site selection, massing and design, cost estimating, feasibility, real estate strategy, and pedestrian and bicycle planning. These studies have sometimes grown out of campus plans; all are guided by our comprehensive planning approach and developed with the skills and expertise of our architectural practice.



Dartmouth College



Amherst College



Lehigh University



Princeton University



Harvard Business School



**Beyer Blinder Belle was founded in 1968, in the wake of the urban renewal movement in the United States, when the social fabric of cities, communities, and buildings was compromised by the prevailing attitudes about planning and architecture. We pioneered and defined a different approach to the design of the built environment that focused on architecture empowering people—their interaction with each other on streets and in neighborhoods, their pleasure in moving through the city, and their connections to the surrounding physical fabric.**

This mission has guided us for more than five decades and has shaped a broad and award-winning practice—now 170 professionals in New York City and Washington, DC engaged in architecture, planning, and interiors. A persistent exploration of historic, cultural and civic meaning guides our work, while our design is contemporary and reflects the materials and technology of today.

Planning, restoration and the design of new buildings are the fundamental underpinnings of our practice. Many of our projects involve the stewardship of historic buildings in sensitive urban sites—the work for which we have become best recognized. Our deep sense of identity and evolving perspectives on design have guided our practice in new construction as well as master planning and urban design. With our clients and friends, we continue the dialogue.

Our areas of specialization include: Campus Planning;  
Design for Higher Education; Design & Planning for K-12; Government;  
Historic Preservation; Hospitality & Retail; Interiors; Mixed-Use;  
Museums & Institutions; Office; Parks, Gardens & Recreation; Performing Arts;  
Planning & Urban Design; Residential; Sacred; and Transportation.

Left to right, top to bottom

Rockefeller Center, New York, NY  
Denison University Bryant Arts Center, Granville, OH  
100 Eleventh Avenue, New York, NY

Historic DC Courthouse, Washington, DC  
Grand Central Terminal, New York, NY  
Lincoln Center, New York, NY

Muhammad Ali Center, Louisville, KY  
Princeton University Campus Plan, Princeton, NJ  
Kansas City Power & Light District, Kansas City, MO

Natick Collection, Natick, MA  
Cathedral of the Blessed Sacrament, Sacramento, CA  
BBB Office, New York, NY





#### **COVER**

Massachusetts Institute of Technology Morris and Sophie Chang Building  
Photo Credit: Chuck Choi

#### **INSIDE COVER**

New York University Tandon School of Engineering  
Photo Credit: Chang Kyun Kim

#### **METHODOLOGY**

Massachusetts Institute of Technology, Morris and Sophie Chang Building - Image Credit: Beyer Blinder Belle  
University at Buffalo - Photo Credit: Courtesy of University at Buffalo

#### **MASSACHUSETTS INSTITUTE OF TECHNOLOGY, MORRIS AND SOPHIE CHANG BUILDING**

Photo Credit: Chuck Choi

#### **HARVARD UNIVERSITY UNDERGRADUATE HOUSE RENEWAL, SWING SPACE AND INTERIOR RENOVATIONS**

Photo Credit: Courtesy of Harvard University/Peter Vanderwarker

#### **UNIVERSITY OF CHICAGO, CHICAGO INNOVATION EXCHANGE**

Photo Credit: Courtesy of University of Chicago/Charlie Mayer

#### **DENISON UNIVERSITY, BRYANT ARTS CENTER**

Photo Credit: Brad Feinknopf

#### **LEHIGH UNIVERSITY, WILLIAMS HALL**

Photo Credit: Ari Burling

#### **INDIANA UNIVERSITY - PURDUE UNIVERSITY INDIANAPOLIS, HEALTH INFORMATION AND TRANSLATIONAL SCIENCES BUILDING**

Photo Credit: David Sundberg/Esto

#### **NEW YORK UNIVERSITY, TISCH SCHOOL OF THE ARTS "BROADWAY BLOCK"**

Photo Credit: Frederick Charles

#### **STONY BROOK UNIVERSITY, ROTH DINING PAVILION**

Photo Credit: Frederick Charles

#### **MANHATTAN SCHOOL OF MUSIC, ANDERSEN RESIDENCE HALL AND PERFORMANCE SPACES**

Photo Credit: Chuck Choi and Frederick Charles

#### **UNION THEOLOGICAL SEMINARY, HASTINGS HALL**

Photo Credit: John Bartelstone; Image Credit: Beyer Blinder Belle

#### **REPRESENTATIVE CAMPUS PLANNING**

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#### **FIRM OVERVIEW**

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