

# HIGHER EDUCATION





# ABOUT EYP

We're an integrated design firm specializing in higher education, government, healthcare, and science & technology. We begin every project by asking:

## What's Possible?

Let's shake the box, stretch your dreams, unpack ideas, and envision design in the context of something bigger. Because:

## We're Curious Too.

About you, where you're going, and what you imagine. Striving to create an environment of partnership and trust, we want to meet your needs and then go beyond what's expected. Bringing intuition and intellect to a creative process to uncover the possible in your project, let's push past the impossible and ask:

## What Can Design Do To...

- Serve our Fellow Citizens?
- Enhance Campus Culture?
- Provide Better Patient Care?
- Support Research and Development?



# HIGHER EDUCATION

What can design do to foster student success? Optimize your resources? Create innovative and forward-thinking learning and living environments?



# SCIENCE, ENGINEERING & DISCOVERY

Inspiring one million more science & engineering grads and promoting interdisciplinary thinking is critical to our nation's future.



# MIDDLE TENNESSEE STATE UNIVERSITY

Science Building, Murfreesboro, TN



The new interdisciplinary facility brings team-based learning to the forefront of the university experience in chemistry and biology for students in elementary and secondary education. To test new curricula and pedagogies, unique learning environments incorporate both low and high technologies, including imaging and communications systems with sinks and movable tables.

## At a Glance

- 257,000 GSF
- 49 labs

The building houses 49 labs and supports a broad range of additional programs, including aerospace, agribusiness/agriculture, engineering technology, nursing, physics and astronomy, elementary education, wellness and exercise science, nutrition/food science, geology, and social work.





# UNIVERSITY OF NEW MEXICO

Physics & Astronomy Interdisciplinary Science Building (PAIS), Albuquerque, NM



## At a Glance

- 137,000 GSF New Construction
- Classrooms, “living room”, computational and collaboration space, labs, bioinformatics and genomics, electron microscopy, geospatial data analysis, stable isotopes, human and primate biomedical research

The new Physics & Astronomy Interdisciplinary Science building was designed to fill the University’s desire to create a dynamic environment to bring a variety of science disciplines and subject matters together to energize and create a culture that is integrative and stimulating for students and faculty. The building responds to both the environmental and architectural legacy of New Mexico by clustering the form around a courtyard that acts as a unifying and enjoyable exterior oasis for occupants.

# INTELLECTUAL COLLISIONS



## COLLEGE OF THE HOLY CROSS

Integrated Science Complex, Worcester, MA

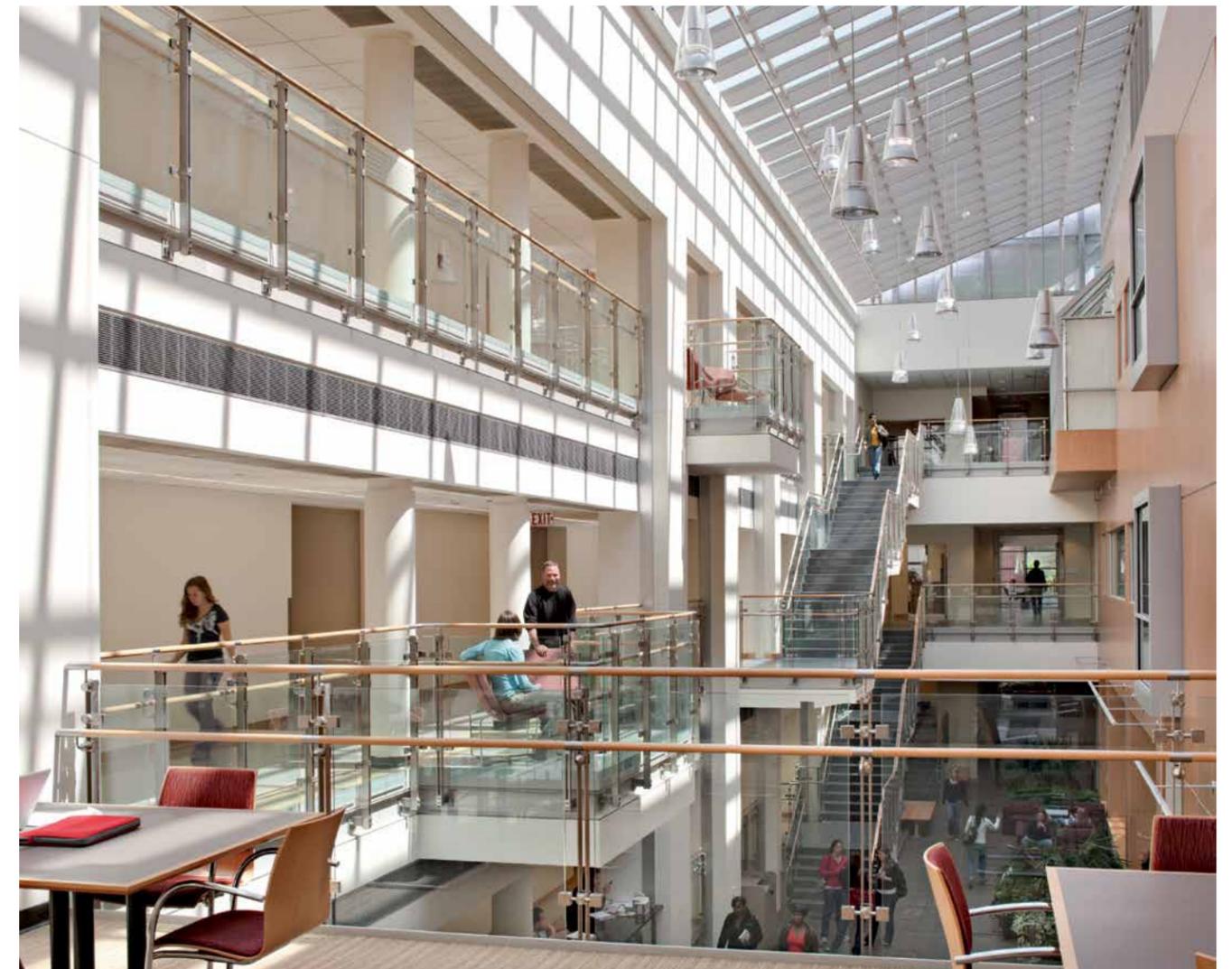
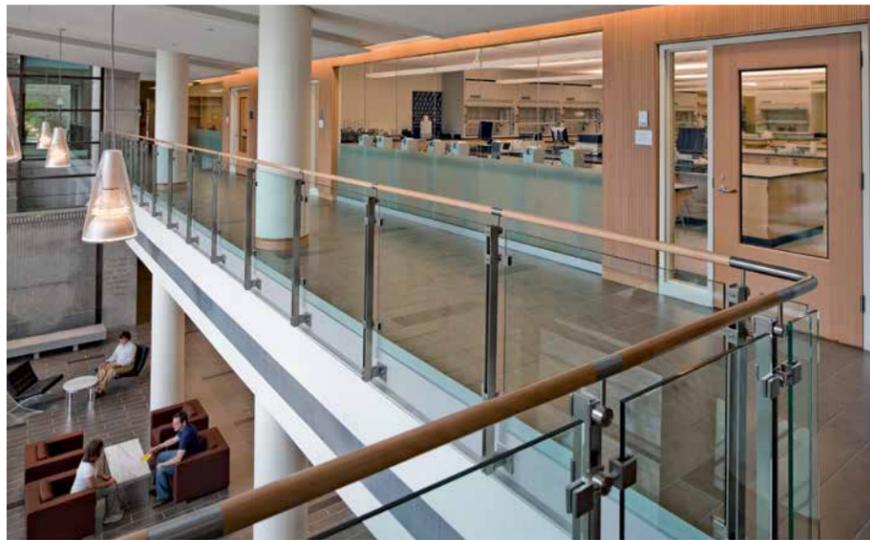


The new Park B. and Linda Smith Laboratories building unites the modernized Haberlin, Beaven, O'Neil, and Swords Halls to create a multidisciplinary science community. A network of new renovated atria forms a connective spine that aids circulation and visually unites the three levels of the complex. By modernizing and adding existing structures, the College gained a state-of-the-art science complex for approximately \$18 million less in project costs than comparably sized new construction.

## At a Glance

- 145,800 GSF
- Biology, Chemistry, Math & Computer Science, Physics, Café
- LEED Gold

Glass-walled teaching and research spaces, designed for collaborative, hands-on discovery, bring science out from behind closed doors to those studying or meeting in the variously scaled informal spaces that dot the building. Such “soft spaces” encourage interdisciplinary collaboration by providing inviting space where classroom discussions can carry over, often sparking effective “intellectual collisions.” Majors and non-majors alike feel so comfortable working in this building that they’ve asked for extended hours.



“One of the great goals of this building was to attract people. We wanted the building to say, ‘Come inside and stay inside,’ and that’s something that’s really happened.”

College of the Holy Cross Director of Strategic Initiatives  
Charles Weiss, PhD



ICONIC  
RENEWAL

# PENNSYLVANIA STATE UNIVERSITY

Steidle Building, State College, PA



The new design preserves the historic fabric of the exterior, including its original front entry. The renovation and in-fill addition provides 25% more labs that extend across the width of the building. Previously dark spaces are now flooded with natural light and views into the new, team-based labs add vibrancy to the facility.

## At a Glance

- 34,000 GSF New Construction
- 66,000 GSF Modernization
- Electrochemistry Labs, Structural Material Labs, Polymer Systems Labs
- LEED Silver

# \$185,501

Cost Savings



# 24%

Cost Reduction

# 468,549<sub>KWH</sub>

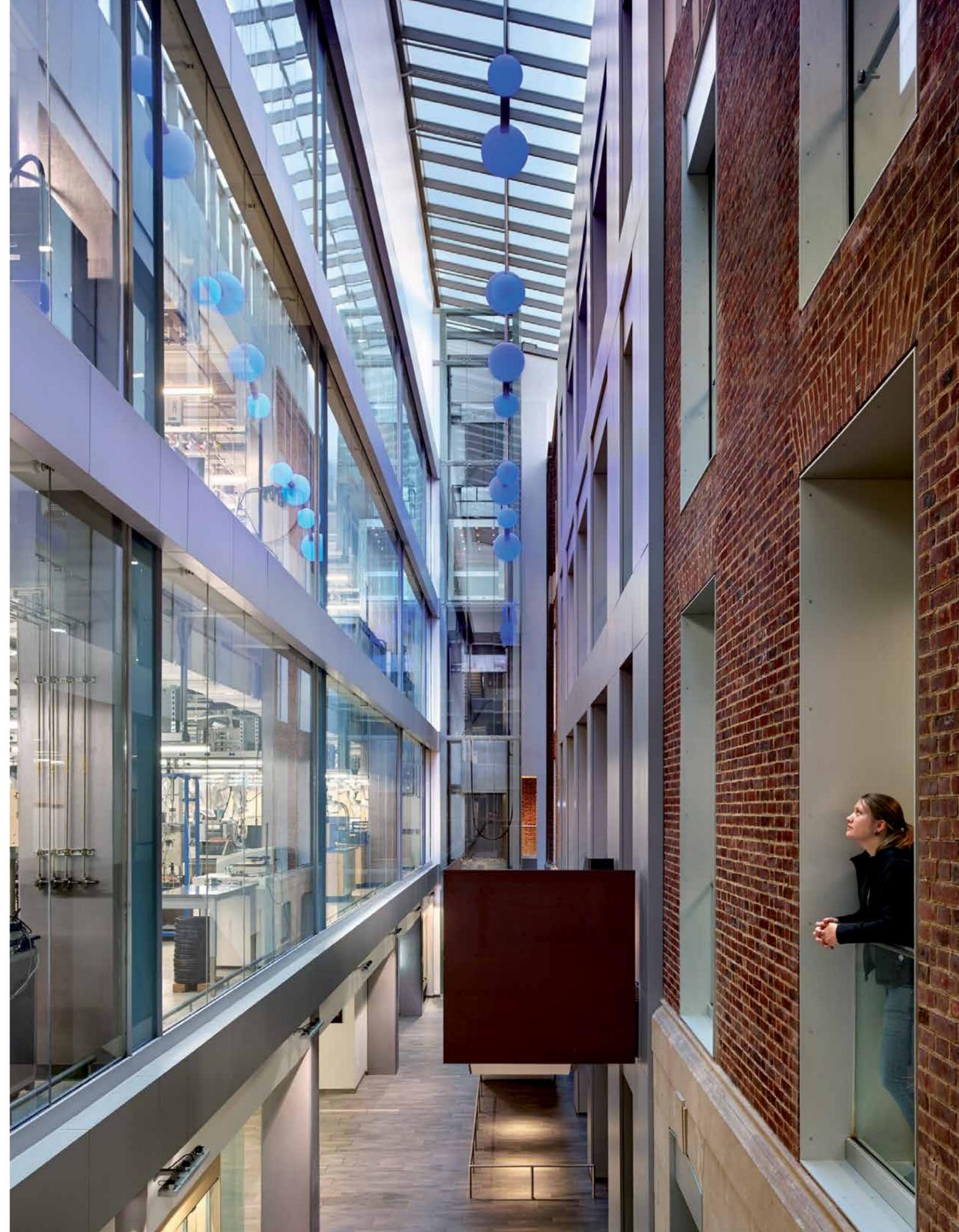
Energy Savings



# 23%

Energy Use Reduction

*Annual Energy Savings Modeled  
vs ASHRAE 90.1*



# A CRUCIBLE FOR IDEAS



## TRINITY UNIVERSITY

Center for Sciences & Innovation, San Antonio, TX



The sustainable, site-inspired design channels students, faculty, and visitors through interconnected neighborhoods of classrooms, laboratories, offices, and “living spaces” along a connective spine that links the sciences to the center of campus. This popular new campus hub provides unique learning environments including “the Cube,” an innovative makerspace that supports both engineering and Trinity’s unique interdisciplinary program in entrepreneurialism.

## At a Glance

- 155,000 GSF New Construction
- 85,000 GSF Modernization
- Research Labs, Teaching Labs, Innovation Lab/Makerspace, Outdoor Classroom, Collaboration Areas
- LEED Gold

# 41

Live Oak trees were recycled into benches and tables

# 100%

of the building uses graywater for flushing toilets

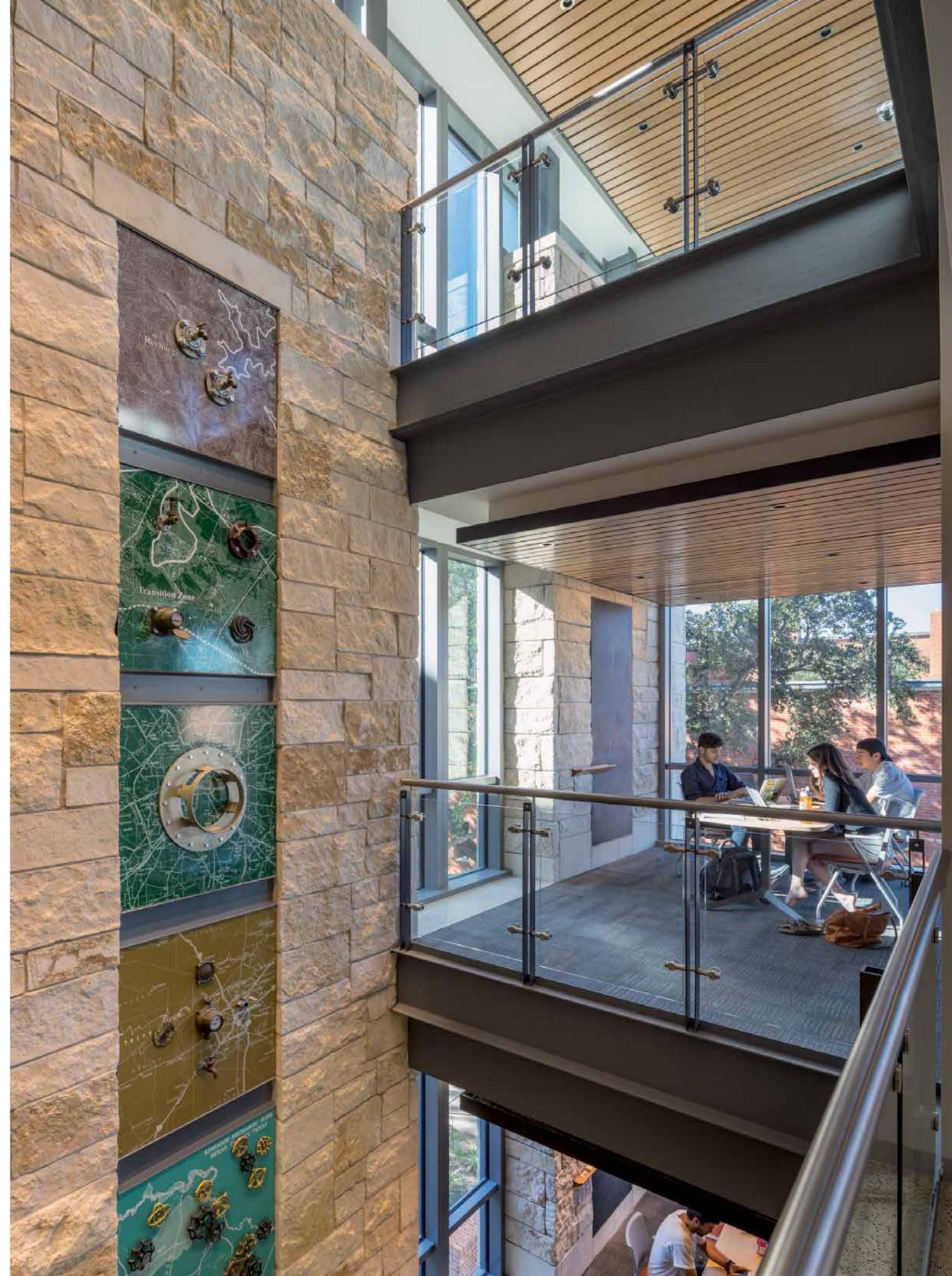
# 1,500 TONS

of waste were recycled and diverted from the landfill



“The architects collaborated and pushed us to think beyond our wildest dreams, and the result is this award-worthy facility that has transformed the way we think about our educational mission and demonstrates who we are.”

David Ribble, Professor of Biology, Trinity University



# UNIVERSITY OF SCRANTON

Loyola Science Center, Scranton, PA



The new sustainable facility is designed to accommodate traditional science teaching and research as well as emerging cross-disciplinary programs. Our design makes extensive use of high-efficiency glazing to reduce energy use, enhance visibility and views, and put science on display.

## At a Glance

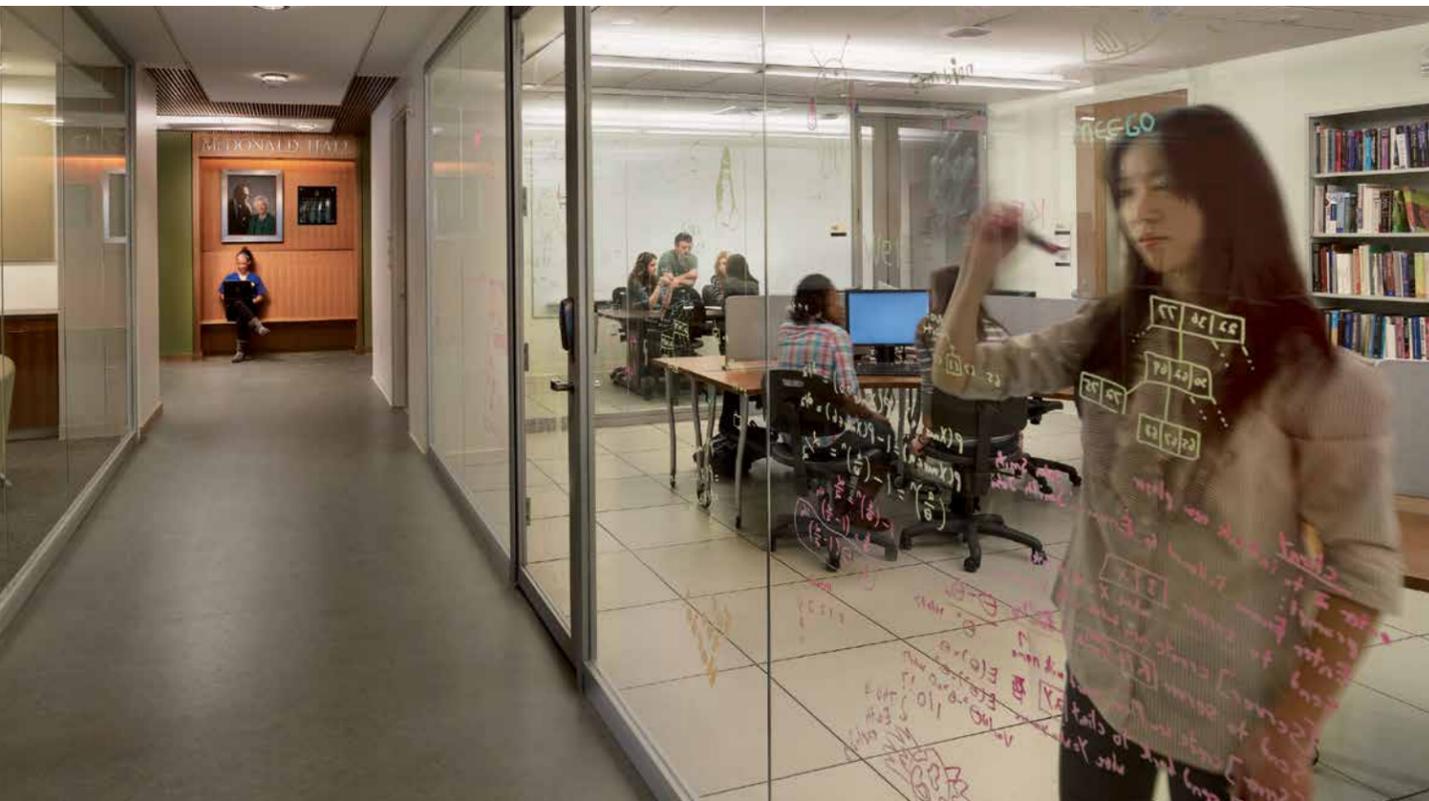
- 166,500 GSF New Construction
- 48,000 GSF Modernization
- LEED Gold

Strategic adjacencies of faculty offices, classrooms, laboratories, and study/lounges unite Chemistry, Biology, Biochemistry, Molecular Biology, Physics, Computer Science, Mathematics, and Electrical Engineering.

A new atrium at the heart of the facility encourages interaction among the sciences and linking them with the Campus Commons and the DeNaples Center and Green. The design respects the style and scale of the older areas of the campus, connecting the new science green more directly to campus life.

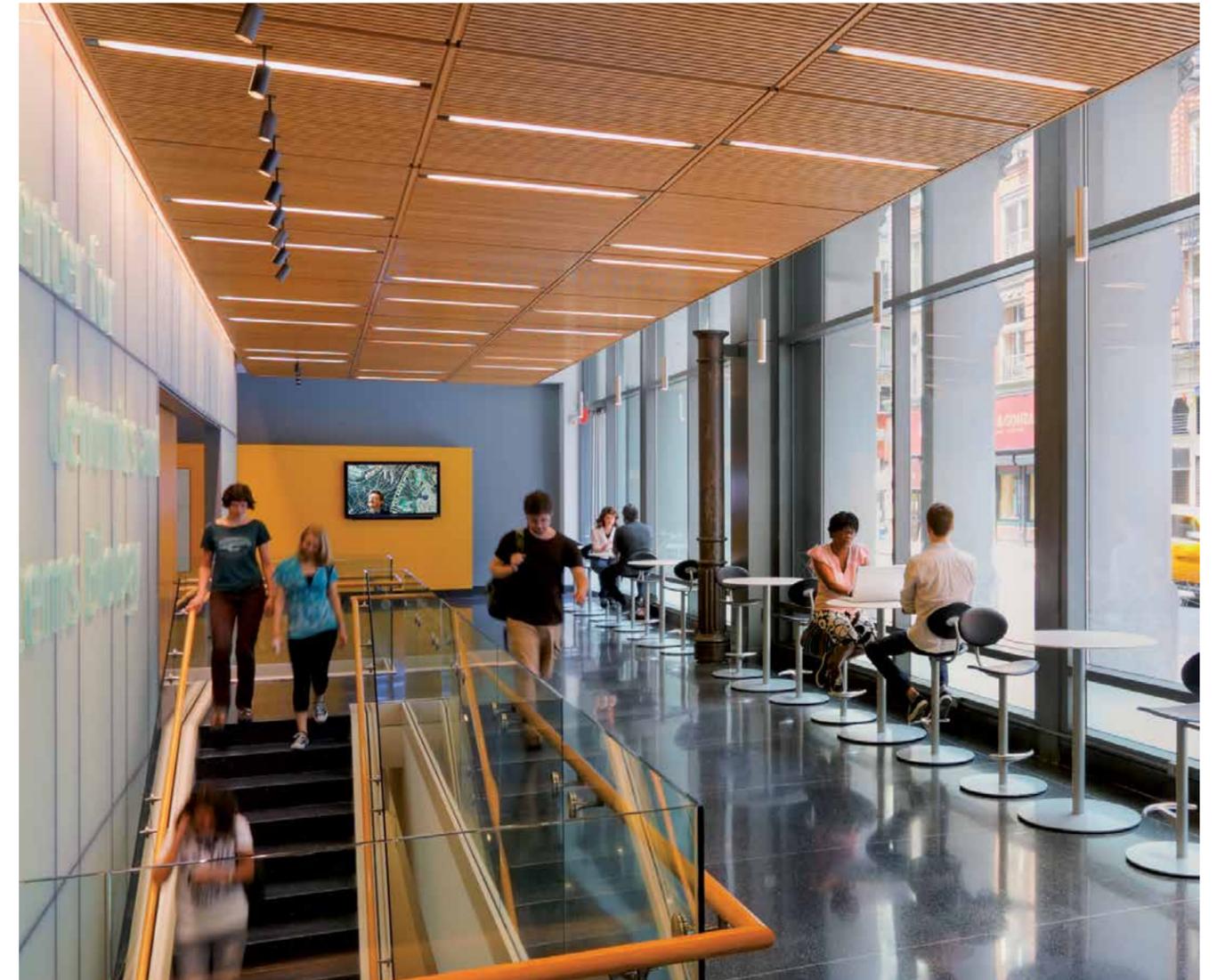
“The entire building is one gigantic research laboratory.”

University of Scranton Professor of Biology George Gomez



# NEW YORK UNIVERSITY

Center for Genomics & Systems Biology Renovation, New York, NY



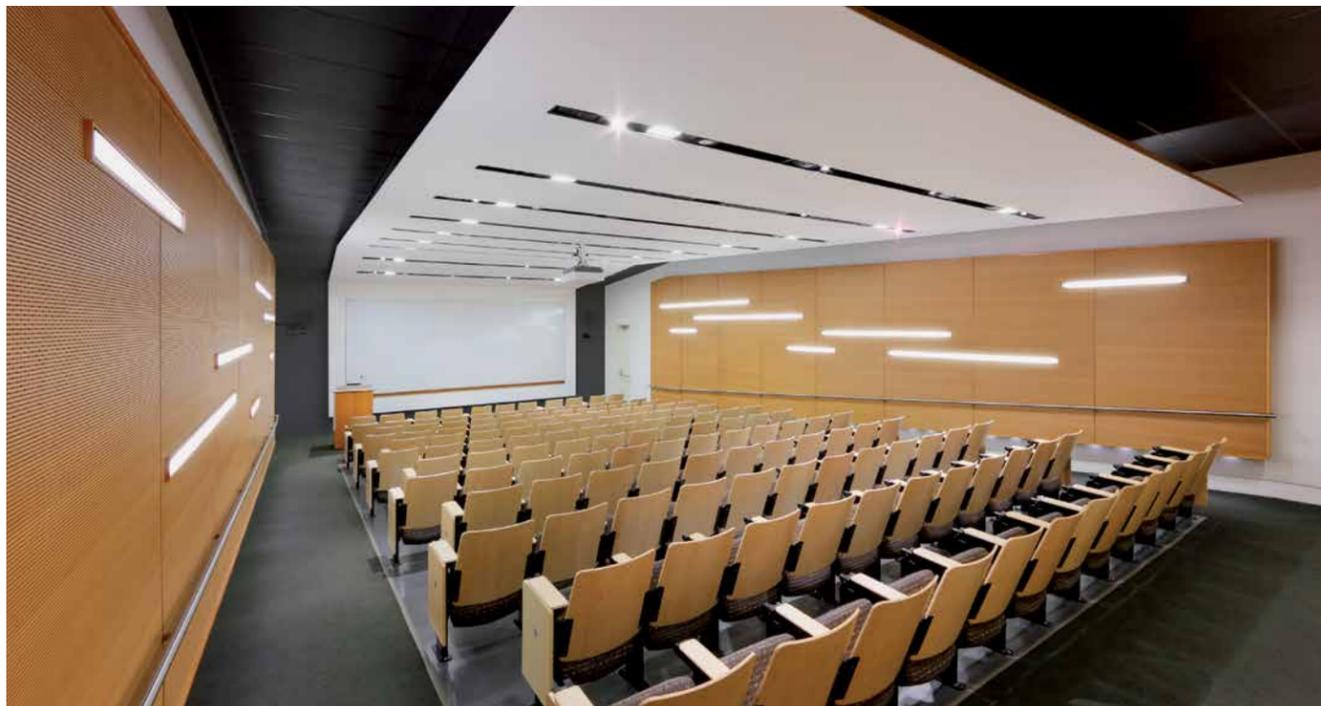
A world-class interdisciplinary facility rises behind the façades of three 100-year-old buildings, enabling an otherwise new building to blend into historic Greenwich Village. Demolition of the existing structures and new construction proceeded in phases, ultimately building out the new facility from back to front to connect to the preserved façades.

To maximize square footage, the building was expanded from six floors with a cellar to eight floors with cellar and subcellar, as well as a mechanical penthouse, and rooftop greenhouse that meet urban step-back requirements.

## At a Glance

- 71,000 GSF Modernization
- 86-seat auditorium
- Genomics, Bioinformatics

Within the facility, flexible, open-plan laboratories efficiently co-locate more than one hundred genomics and bioinformatics scientists from NYU and peer institutions worldwide. To maximize the tight building footprint, the design creates an innovative vertical community, where glass stairways and a variety of informal spaces foster interaction among collaborative working groups on different floors.





# ACADEMIC INNOVATION

An experiential environment that creates multi-dimensional impact for those who use it – students and faculty as well as visiting business leaders, scholars, researchers and other collaborators.

# NORTHEASTERN UNIVERSITY

Mixed-Use Research Building, Burlington, MA



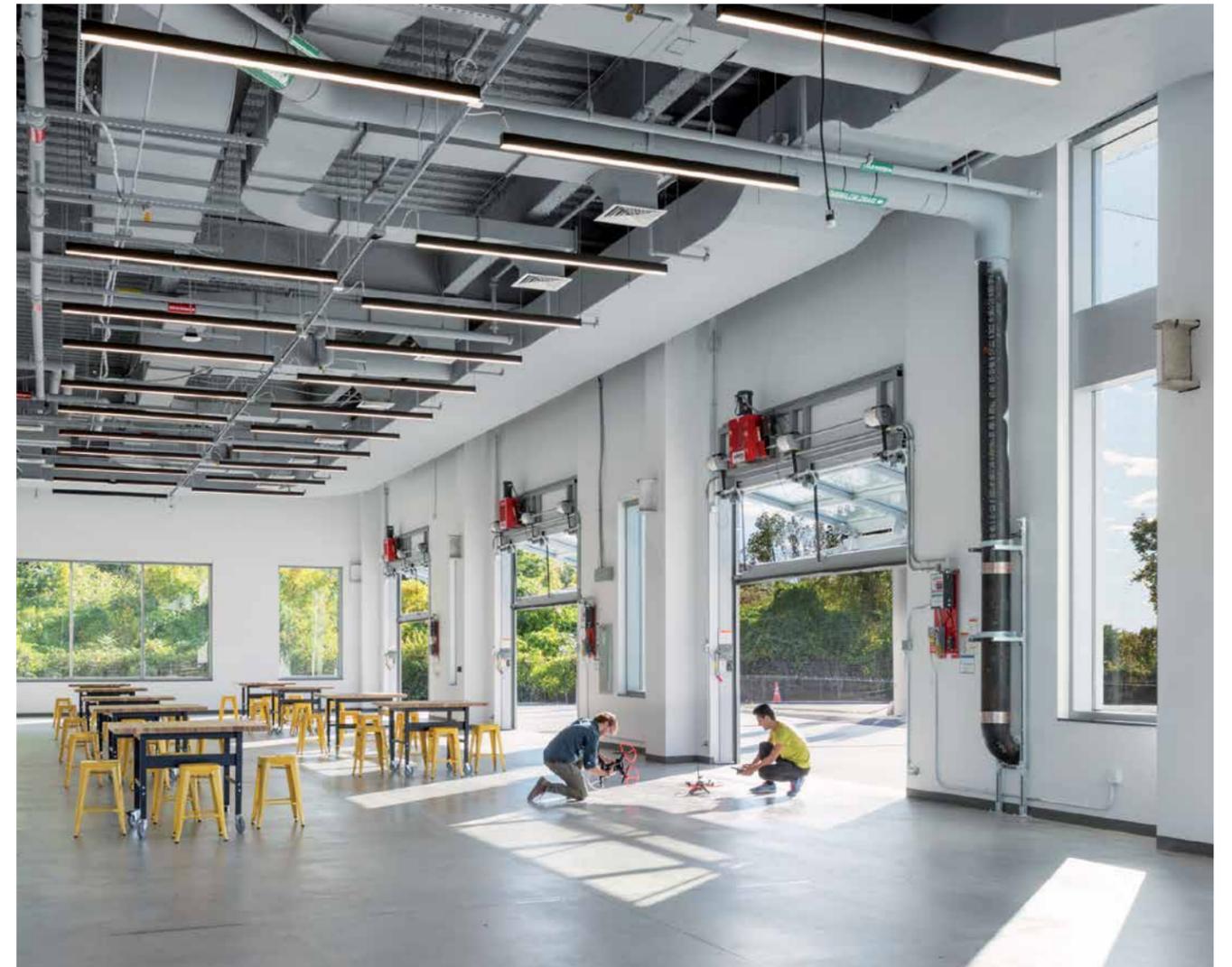
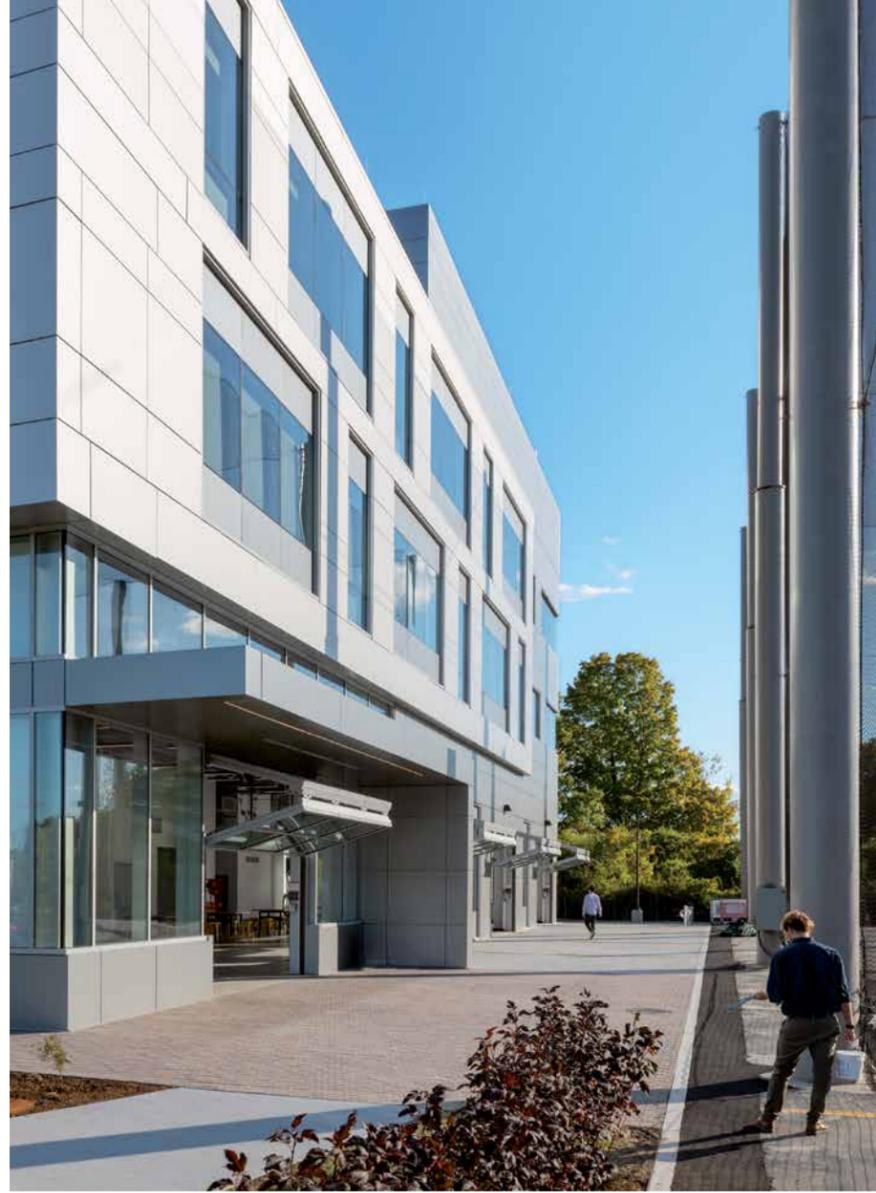
# INNOVATION CAMPUS



A research hub that supports a diverse array of academic, government, and private industry partners collaborating on solutions to enhance the capacity of communities, critical systems, and infrastructure to withstand, respond to, and recover from man-made and natural catastrophes. *Design/Build delivery with Gilbane.*

## At a Glance

- 104,000 GSF New Construction
- Research Labs, Scientific Core Facilities, Makerspace, Drone Outdoor Testing Facility, Campus Conferencing Center, Office Spaces, Rooftop Terrace
- Tracking LEED Gold





# BRYANT UNIVERSITY

Academic Innovation Center, Smithfield, RI



## At a Glance

- 48,000 GSF New Construction
- Innovation Forum, Admission Presentation Room, Cafe

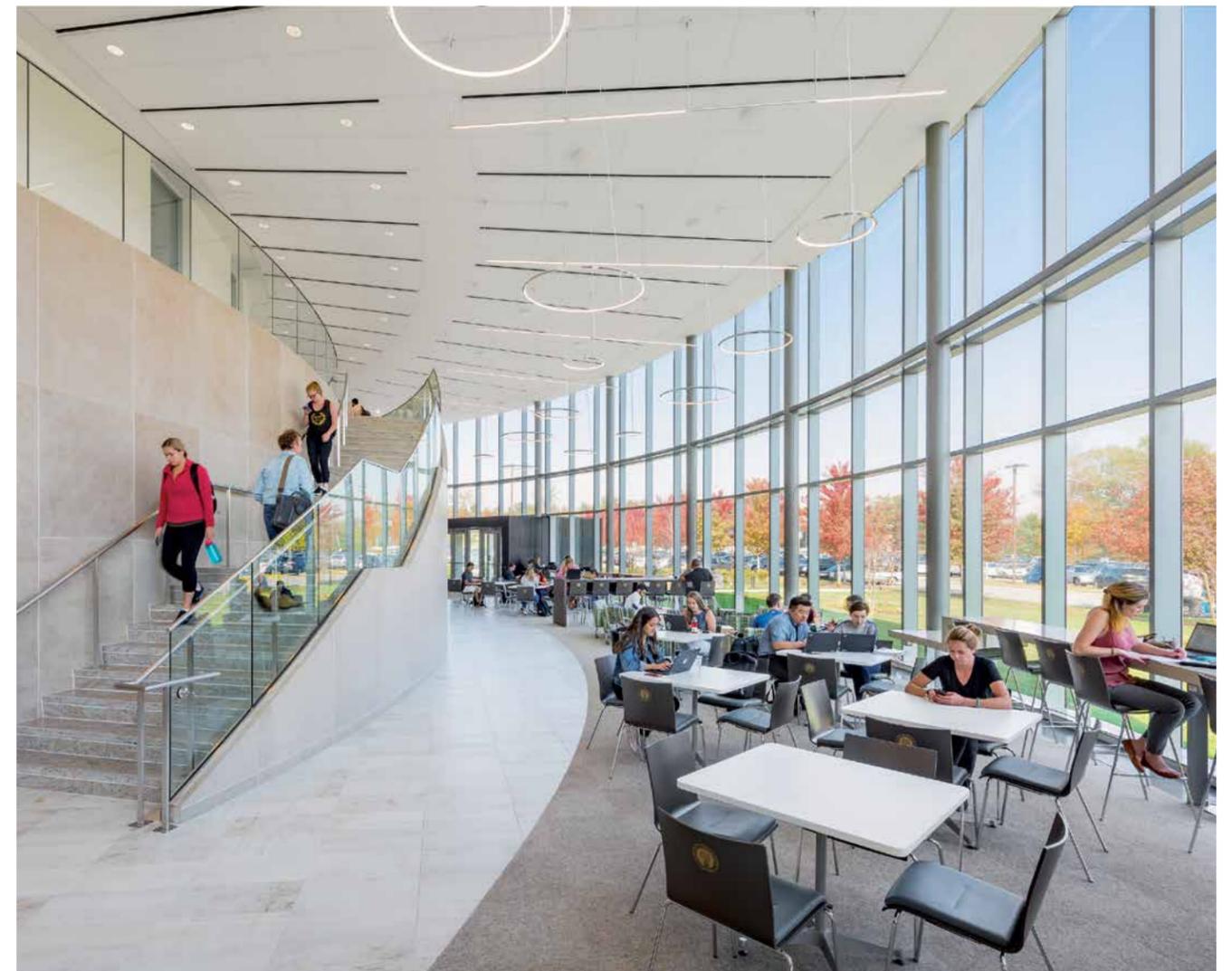
Bryant University believes that to impact the real world, you need to go beyond the textbook. Leadership requires experience, practice solving problems, and opportunities to collide with industry partners. You also need a space that inspires excellence and empowers students to push the boundaries of what's possible for learning. Bryant University's 50,000-SF Academic Innovation Center (AIC) does just that!

A ground-breaking resource for experiential learning, Bryant's AIC is prominently sited at the campus' main entrance. Boasting collaboration spaces that inspire creative problem solving and high-tech classrooms that encourage debate and communication skills, the AIC creates an environment conducive to innovative teaching and active learning.

The new Academic Innovation Center has measurably increased student engagement, energized the faculty, and attracted businesses to create opportunities for students to learn critical thinking skills and successfully transition into the workforce.

“We have created a world-class learning environment that aligns with Bryant’s bold future. Our goal is not just to teach innovatively, but to develop within each student the innovative traits, skills, and qualities to become innovative leaders for the future.”

Bryant University President Ronald K. Machtley



# A LEARNING REVOLUTION



## VIRGINIA TECH

New Classroom Building, Blacksburg, VA

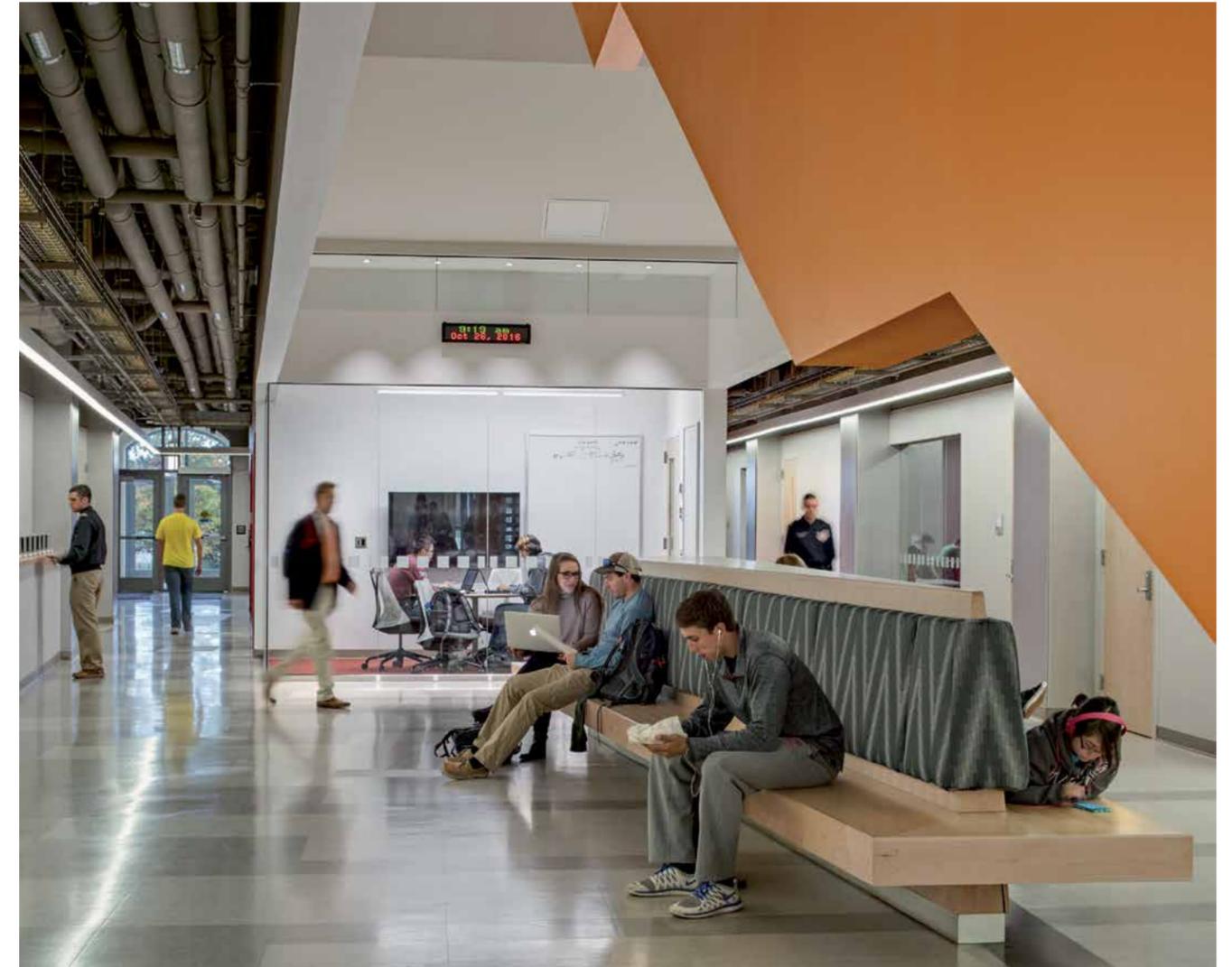
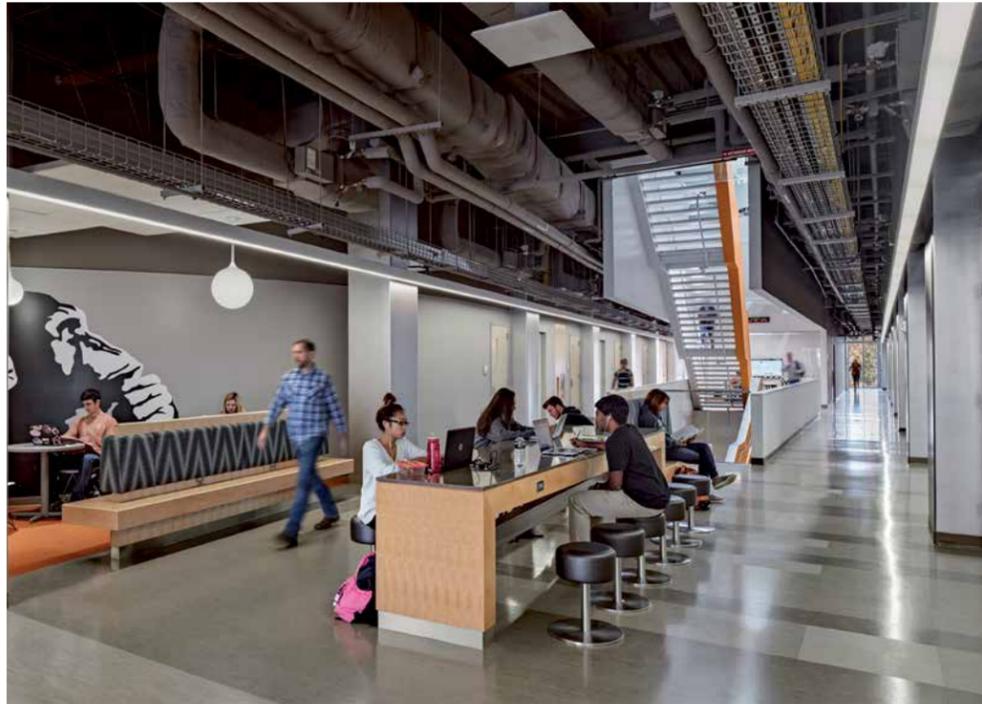


Say goodbye to traditional lecture halls and hello to active learning spaces. Virginia Tech's New Classroom Building advances the University's mission to "invent the future" by profoundly transforming the academic learning environment. Creating spaces that encourage team-based, investigative discovery, the sustainable facility revolutionizes the way professors teach and students learn.

## At a Glance

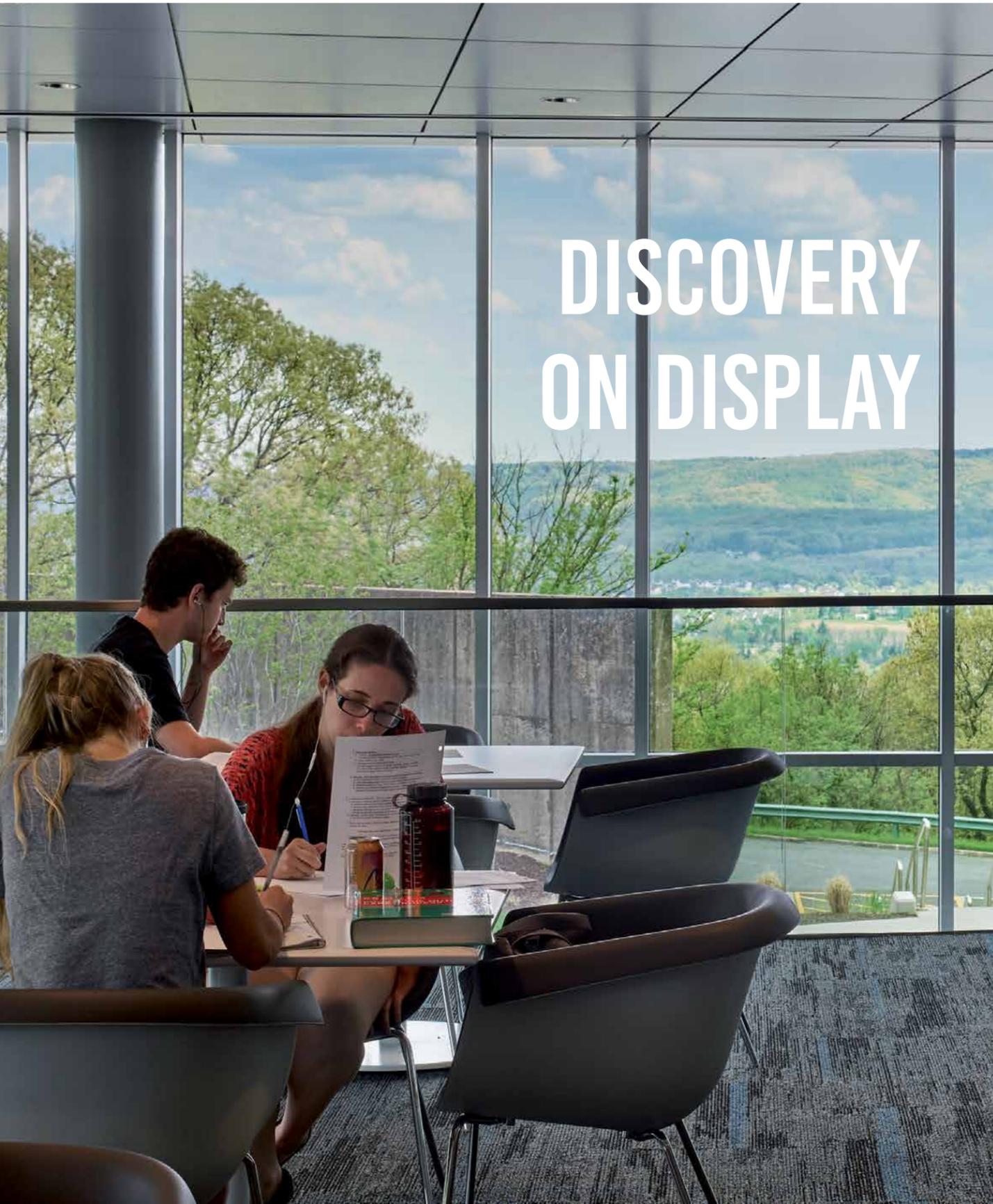
- 74,000 GSF New Construction
- SCALE-UP Rooms, “Classatories,” Collaboration Areas
- LEED Silver

Walk into one of the two SCALE-UP rooms to find a sophomore-level biology class with students solving real-world science problems. Or, stop by one of the many “classatories,” a smaller classroom between two wet labs that provides a dedicated space for computation and write-up. Here, you’ll find students working in several disciplines – biology, chemistry, physics – within a single class period. These new learning spaces support multiple teaching methods and allow students to take a more active role in learning.



# LEHIGH UNIVERSITY

Mountaintop Campus, Bethlehem, PA



DISCOVERY  
ON DISPLAY

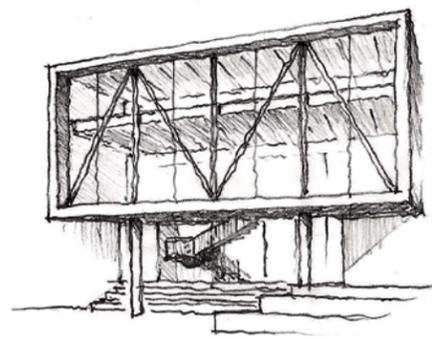


Hands-on, research-driven exploration is key at Lehigh University's Mountaintop Campus. Once a series of cavernous Bethlehem Steel buildings, EYP's modernization team transformed the facilities into an invention incubator. Students are freed from standard curricula and challenged to take control of their education, learning by doing.

## At a Glance

- 63,000 GSF Modernization
- Architecture, MEP & Structural Engineering, Programming, Energy Analysis, Construction Administration
- Mining Box, Collaboration Spaces, Entry Pavilion, Cantilevered Conference Facility

Find yourself inside a giant, open room with 40-foot ceilings and look up to see discovery on display as teams work inside the “mixing box,” a large glass-enclosed room. Here, students can meet with faculty and peers while observing the inventive work below.



“There is an unleashing of student talent, we let them play, we let them explore, and they find a thrill in the ambiguity.”

Alan Snyder, Vice President and Associate Provost for Research and Graduate Studies at Lehigh University





# SEATTLE UNIVERSITY

Center for Science and Innovation, Seattle, WA



Discovery through science with application through engineering are side-by-side in Seattle University's new Center for Science and Innovation (CSI). Here, students think about possibilities, make connections, and act for the good of the community. Linked with SU's Bannan Center for Science and Engineering, the CSI is the future of STEM for Seattle University.

## At a Glance

- 110,000 GSF New Construction
- 165,000 GSF Partial Modernization
- 1,200 GSF makerspace
- 2,400 GSF Center for Community Engagement
- Biology, Chemistry, Engineering, Computer Science, Mathematics, and Physics
- Designed for LEED Gold

The top four floors are packed with biology and chemistry classrooms and research labs. Featuring laboratory planning for the 21st century, the CSI showcases sliding glass doors that seamlessly connect teaching and research spaces. Sharing is simpler through a common door, so this innovative configuration offers increased space on demand and reduces instrumentation and staffing costs. While they're in class, undergraduate biology and chemistry students can sneak peeks at research happening right next door.





# NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY

Engineering Research and Innovation Complex (ERIC), Greensboro, NC



## At a Glance

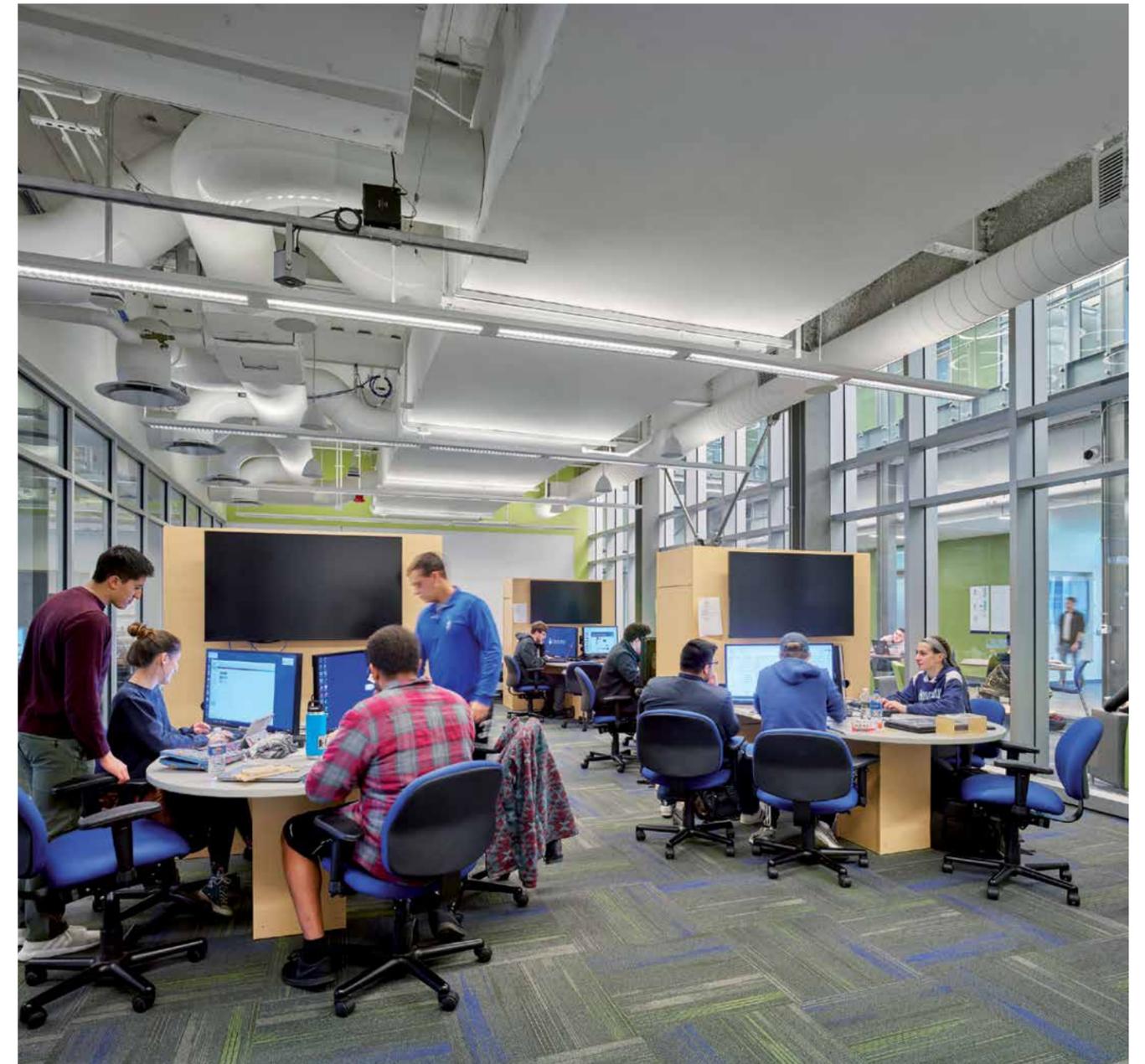
- 130,000 GSF New Construction
- Wet and Dry Labs, Manufacturing and Process Systems High Bay, Core Research High Bay, Bio-Mechanical Core Lab, Cyber Security Core Lab, Systems Engineering Lab, Maker and Fabrication Spaces, Ideation Seminar Rooms, Classrooms, Conference Space

At North Carolina A&T State University, "What they've done is great. What they'll do is even better." And the new Engineering Research and Innovation Center (ERIC) building will help the University do just that!

Ranked No. 1 in the nation for undergraduate-level engineering degrees awarded to African Americans, the University was ready for a new, state-of-the-art interdisciplinary and multi-functional facility for academics, research, and community engagement. A scientific showpiece, the ERIC will be an integral component of N.C. A&T's College of Engineering.

# THE COLLEGE OF NEW JERSEY

New STEM Building, Ewing, NJ



The heart of the new STEM Building is the flexible and technologically robust Innovation Center, a glass-walled collaborative learning and research pavilion that fosters group learning through an iterative Think/Model/Make process.

## At a Glance

- 89,000 GSF New Construction
- 56,000 GSF Modernization
- 23,600 GSF Addition
- Robotics Laboratory, BSL-2 Laboratory, Engineering Design Studio, Fabrication Workshop



“The facilities where we stand today will help the College prepare a new generation of TCNJ graduates for the demands of the STEM economy... and the state’s critically important health science platform.”

Dr. R. Barbara Gitenstein, The College of New Jersey President



# UNIVERSITY OF MARYLAND

E. A. Fernandez IDEA Factory, College Park, MD



Ready to expand the boundaries of innovation, entrepreneurship, and world-class research, The A. James Clark School of Engineering at the University of Maryland sought a facility that was “unconventional in every way.”

So, pushing the limits of what’s possible, the EYP team designed a building that defies gravity — floating a solid box of flexible research space above two glass levels of student innovation and collaboration spaces.

## At a Glance

- 60,000 GSF New Construction
- Machine Learning Lab, Robotics Realization Lab, ALEX Garage (IDEA Factory Design Studio), Quantum Technology Center Lab, Alfred Gessow Rotocraft Center

Dubbed the IDEA Factory, the street level invites onlookers to peer inside and see the energy of entrepreneurship at the heart of the Clark School's reputation. You'll find undergraduates sharing tools in the Rapid Prototyping Lab, preparing for design competitions in the ALEX Garage innovation workspace, or working on next generation apps in the Startup Shell, an incubator for student-run startups. The Shell already has generated over 60 ventures, valuing \$20 million and growing.

“The road from idea to invention is filled with bumps, and this new building will pave the way for our innovators.”

Wallace D. Loh, University of Maryland President





# GRINNELL COLLEGE

Humanities and Social Studies Center, Grinnell, IA

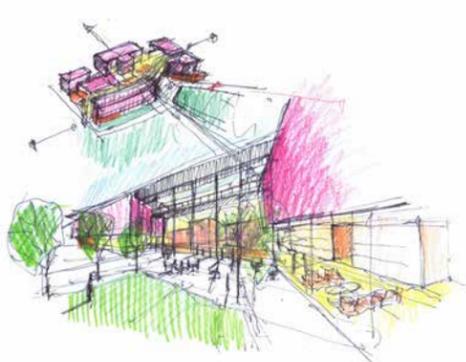


What can design do to seamlessly blend the traditional and the modern? Grinnell College's Humanities and Social Studies Center features four pavilions – two new and two renovated – joined by a three-story atrium with connecting bridges. The new structure embraces Alumni Recitation Hall, creating a central, light-filled courtyard that looks toward the future of liberal arts education while respecting the heritage of one of Grinnell's most treasured landmarks.

## At a Glance

- 125,000 GSF New Construction
- 52,000 GSF Modernization
- 40 Classrooms
- 145 Faculty offices
- 77% Energy Use Intensity Savings

Gone are the days of teachers lecturing and students listening. The HSCC embraces the possibilities of a 21st-century learning experience. Students and professors begin by walking together along the atrium bridge, enjoying the morning light from the clerestory windows. Class convenes in the historic Alumni Recitation Hall, now fully integrated with modern technology. Students will soon head to the learning laboratories for small-group breakouts where they'll use online tools to work with peers at other institutions. Between classes, they'll meet up and head to semi-private breakout spaces for project work – fostering the intellectual collisions that enrich a student's education. A mix of the old and new, the HSCC makes possible a teaching and learning experience attuned to emerging research, technology, and collaboration, while honoring Grinnell's tradition of excellence in education.



“The big ‘aha’ moment was when we decided to embrace the historic tower facade as the heart of the project. The new structure encircles Grinnell’s treasured Alumni Recitation Hall and creates a central, light-filled courtyard.”

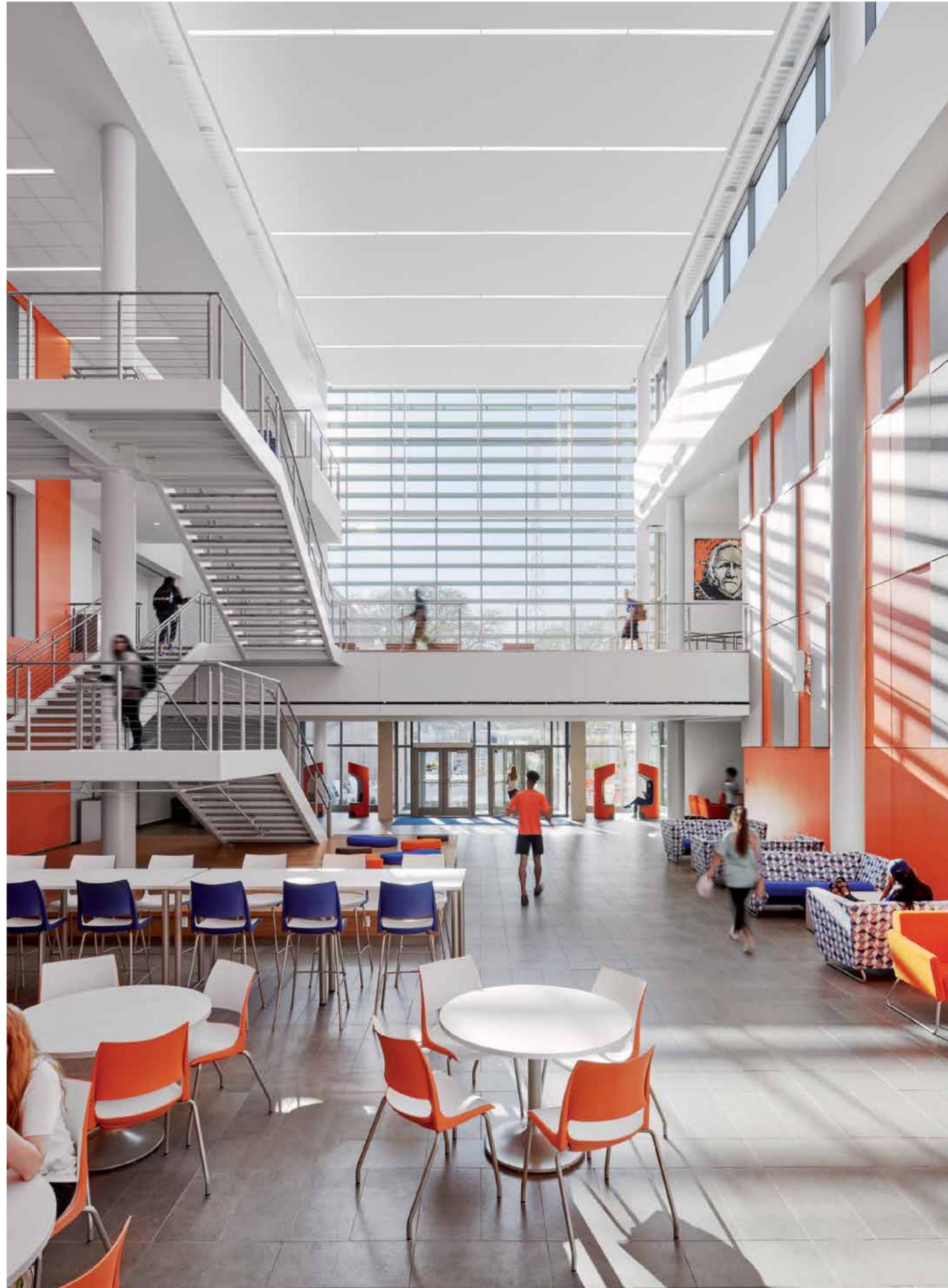
Innovation and Strategy Design Principal Rob McClure



# STUDENT LIFE

Ubiquitous technology enables a 24/7 student lifestyle that blurs the traditional boundaries between academic, residential, and social spaces.





# SAM HOUSTON STATE UNIVERSITY

Lowman Student Center, Huntsville, TX



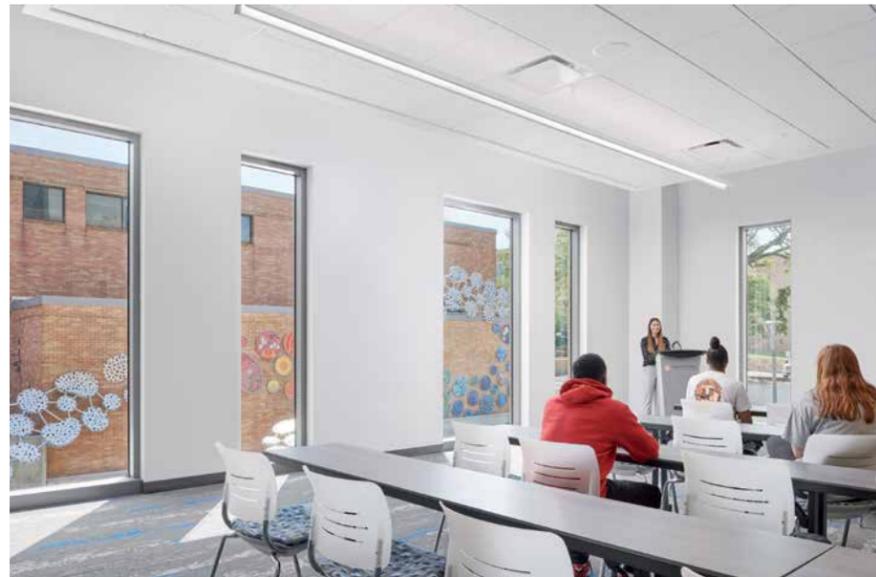
Constructed in 1964, the Center had undergone numerous additions, alterations and reconfigurations over the years. In 2015, University administrators undertook a campus survey which revealed that students viewed the existing building as crowded, uninviting and fragmented.

## At a Glance

- 79,200 GSF New Construction
- Pool tables, ping pong tables, an eight-lane bowling alley, a pub, dining commons, a large divisible ballroom, conference rooms, pre-function spaces, lounges, student art gallery, theater, courtyard, outdoor amphitheater



To address the “fragmented” character of the existing building, EYP was first asked to create a Master Plan to unify the entire facility. The Master Plan includes a large atrium that serves as a central “living room” space around which new and existing components of the building are connected both horizontally and vertically.



# THE HEART OF CAMPUS



# UNIVERSITY OF HOUSTON

Student Center, Houston, TX



## At a Glance

- 92,000 GSF Modernization
- 240,000 GSF New Construction
- 450-seat theater, bowling alley, food court

Earning Tier 1 research status is a game changer! For the University of Houston, this recognition meant access to better funding sources, attractiveness to nationally recognized faculty and staff, and increased enrollment of highly competitive students.

But how do you serve the best and brightest with an outdated student center where all the services are buried in the basement? It was time for the Student Center to reflect the University's new status.

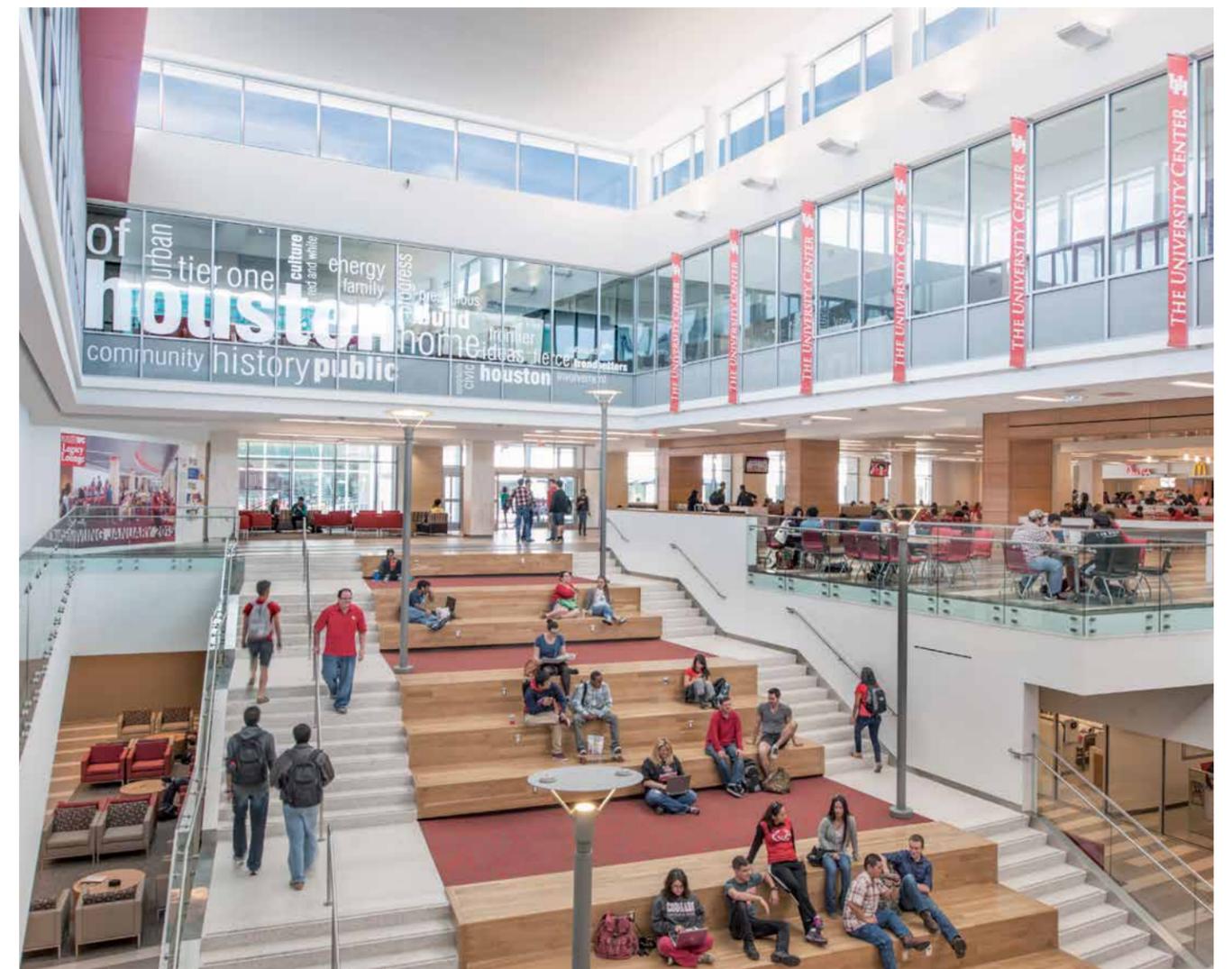
“The new UC is so beautiful!! Now I have a reason to stop hiding out in my room.”

Student Tweet, University of Houston

Today, the Student Center serves the most important members of the UH community – the students. With early buy-in from the student government, the modernization of the original 1960s University Center was an active design process with constant input from the students.

The Team traded the Brutalist concrete facade for expansive glass windows and an open floor plan where you bump into student services around every turn.

Study spaces float above the main central stair where the heart of campus glows in Cougar Nation’s best and brightest red. Here you’ll find students studying, catching up with friends between classes, or preparing for that next big presentation.





# TOWSON UNIVERSITY

Newell and Richmond Halls, Towson, MD



This high-performance restoration and new construction project breathes new life into these two residence halls, creating a premiere student housing experience while celebrating the University's rich architectural tradition. The connected four-story buildings form an iconic campus cornerstone whose 93,500 GSF houses 315 students.

## At a Glance

- 93,500 Modernization
- 315 beds
- LEED Silver

Two additions, sympathetic to the Jacobean architecture of the University's original structures, resolve complex accessibility issues and provide study and social spaces for students that foster a sense of community. This LEED Silver design project upgraded all engineering systems. Replacement windows that visually mimic long-gone originals and an upgraded building envelope markedly improve the building's energy performance. Preservation work focused on terra cotta, decorative brick, slate roofs, and cast stone. Outdoor social spaces improve access and security while integrating Newell and Richmond into the campus's pedestrian network. All work was developed consistent with State of Maryland and campus-specific design standards.





# FRAMINGHAM STATE UNIVERSITY

North Hall, Framingham, MA



Flanking wings extend from a central glass “lantern” that signals the entry to the residence hall. The building connects a series of residence halls along the northern campus perimeter to form a new campus gateway. To support student development and encourage community, floors are divided into two neighborhoods of suites which connect via two-story Portal Lounges.

## At a Glance

- 127,500 GSF New Construction
- 409 Beds
- LEED Gold

Additional social spaces are located at each of the building's ends and in a third-floor commons. Student charrettes helped explore options for equitable layouts and energy savings. The facility features a closed-loop geothermal heat pump; heat recovery wheel; and stormwater reclamation for irrigation.



“When we sought input from our students, faculty and staff on the design of North Hall, one thing everyone agreed upon is that it should be environmentally friendly. As a Gold Certified LEED building, the entire FSU community can feel proud to have a facility that adheres to the highest standards for environmental sustainability.”

Framingham State University President Emeritus Timothy J. Flanagan





# A LIVING-LEARNING COMMUNITY

## UNIVERSITY OF MICHIGAN

North Quadrangle Housing & Academic Complex, Ann Arbor, MI



Our research shows that students in intentionally designed living-learning communities are more engaged in social and intellectual campus life than their peers in traditional residence halls. Michigan's first new residence hall in nearly 40 years immerses students in intellectual as well as social activity.

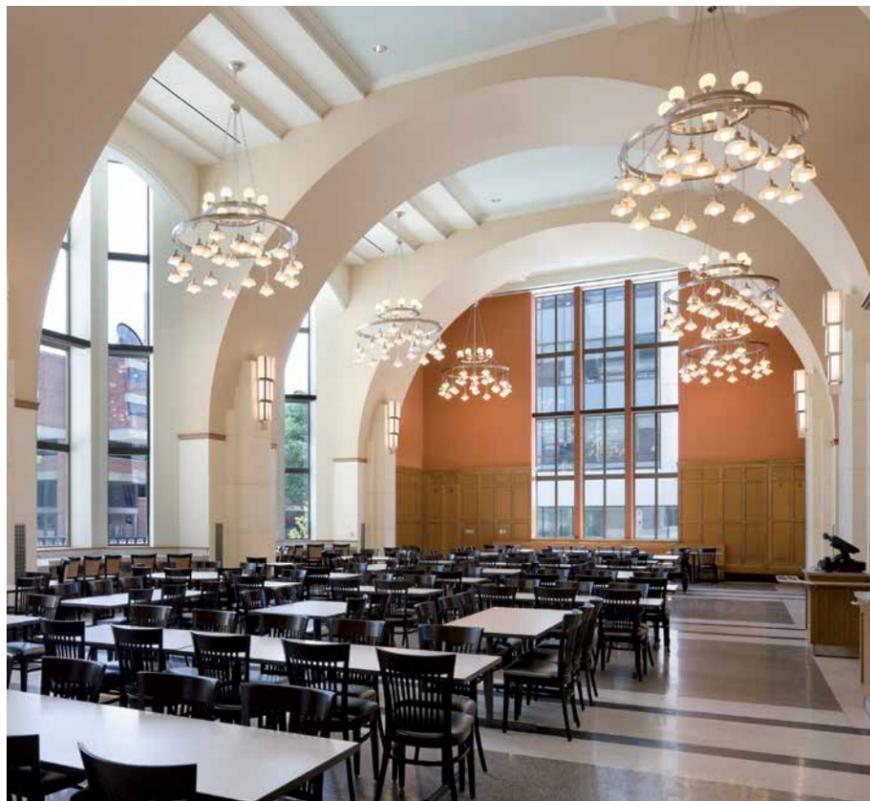
## At a Glance

- 350,000 GSF Renovation
- 460 beds

Three types of shared spaces support the University's ambitious program:

- space shared by academic departments
- spaces shared by building residents and their neighboring faculty/ programs
- public community spaces including the Language Resource Center, Sweetland Writing Center, cafe and dining hall

Single rooms and suites are arranged in residential neighborhoods, each with its own lounge, to foster a greater sense of belonging and a more home-like atmosphere within the large complex.





# UNIVERSITY OF HOUSTON

Quadrangle Replacement Housing, Houston, TX



Replacing student housing doesn't have to mean erasing history. The 1950s beloved quadrangle housing was no longer serving the students. So, the University of Houston partnered with EYP to discover what's possible for a new housing development that would better serve its growing student population.

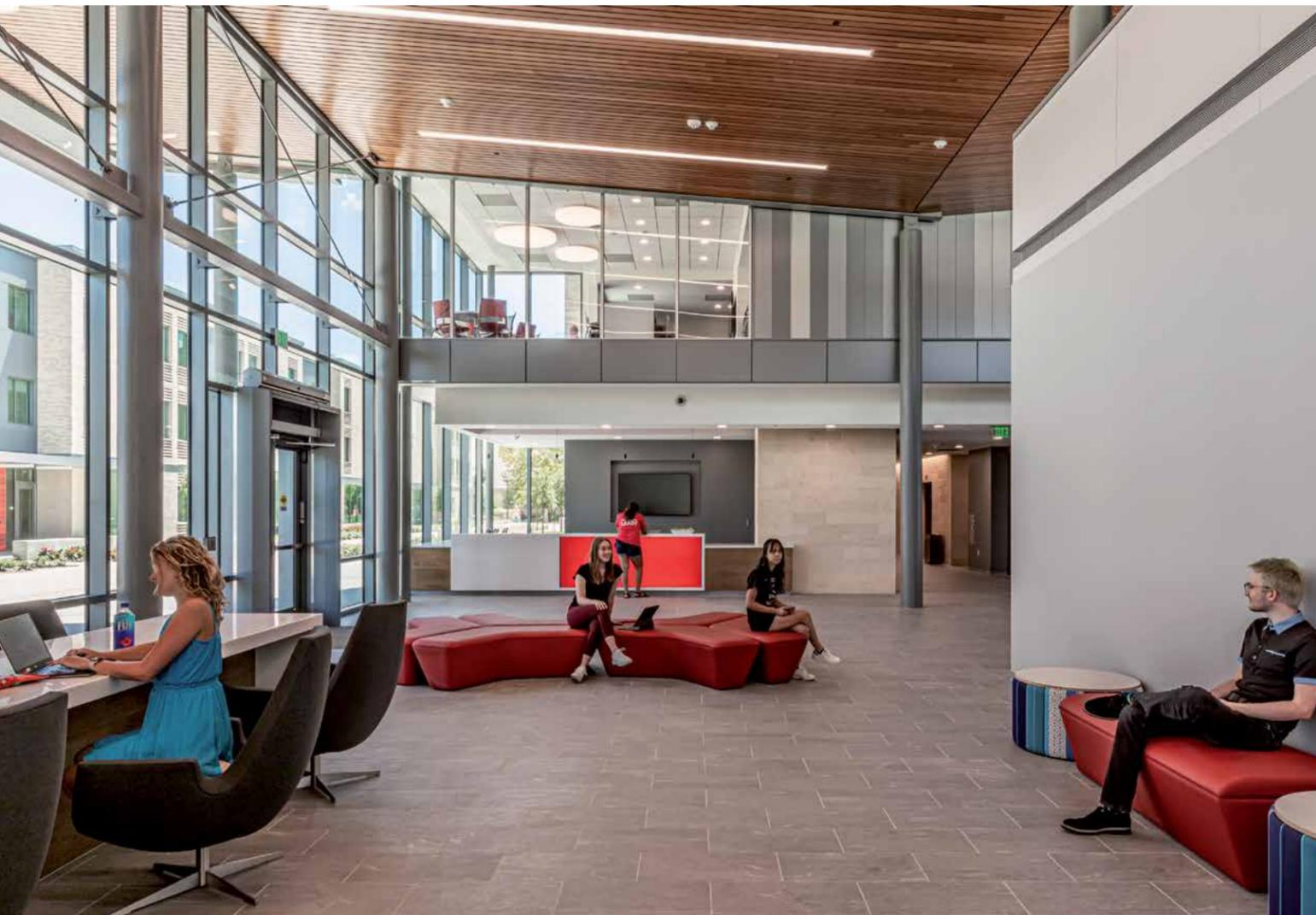
## At a Glance

- 336,000 GSF New Construction
- 1,200 Beds
- Student Lounge, Laundry Facilities, Fitness Room, Computer Lab, Study Rooms

The new 1200-bed student housing development features a traditional residence hall with single-occupancy rooms and a series of conjoined townhouses. As a nod to the original quadrangle housing, the buildings wrap around enclosed courtyards giving students a sense of community and room for study and play. Connected by bridges, The Quad creates intimate spaces for learning and sharing across all buildings.

The townhouses directly across from the main entrance to The Quad support UH's goal to recruit more international students to the Tier One institution. Within each three-story walk-up, you can find a community of up to 18 students sharing recipes in their full kitchen or exchanging stories from back home in the large living space.

Combined, The Quad breathes new life into the University of Houston's history and traditions.





# PRINCETON UNIVERSITY

Hamilton, Holder & Madison Halls, Princeton, NJ



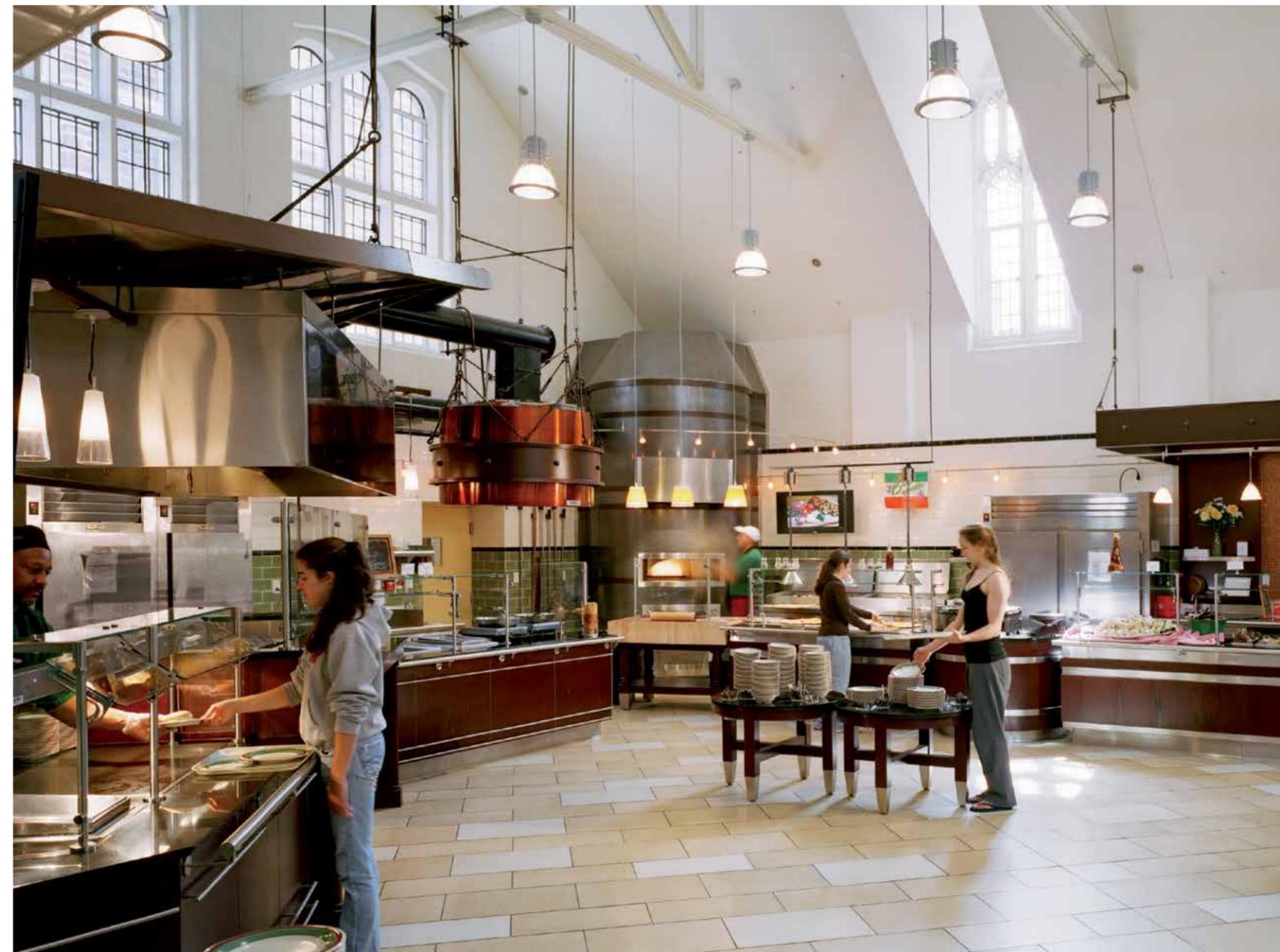
## At a Glance

- 150,000 GSF Modernization

This Collegiate Gothic complex features residence rooms, apartments, offices, dining halls, a library, a theatre, a seminar room and several monumental student common rooms. The centerpiece of the complex is Holder Memorial Tower, a campus landmark that rises majestically 145 feet above the campus. This massive renovation project included structural repairs to the load-bearing, stone-masonry tower; exterior restoration of the buildings; and a combination of restoration and modernization of the student residence and dining facilities to meet the University's four-year residential college plan. All mechanical, electrical, access, safety and data systems were upgraded and threaded through the existing fabric and a new underground utility building was created.

“EYP was masterful at working with the existing buildings to provide the facilities we needed while maintaining their historic charm.”

Princeton University  
College Administrator Patricia M. Byrne





Alumni Hall

# PACE UNIVERSITY

Campus Consolidation, Pleasantville, NY



Elm Hall

## At a Glance

- 200 acres
- 380,000 GSF total
- 760 beds total
- 125,000 GSF Alumni Hall
- 101,000 GSF Elm Hall
- 62,250 GSF Kessel Student Center
- 1,600 GSF Environmental Center classroom (LEED Gold)
- Teaching Pavilion

Before the University could complete its transformation from a primarily commuter to a residential culture, it needed to close one campus. A new Master Plan guided the sustainable transformation, focusing resources to create a more attractive - and ultimately more competitive - student experience. To meet the University's strategic objectives, the first phase of implementation created three distinct zones: a new campus entrance and arrival sequence; a new campus core with open green space; and improved integration of the upper campus.



# HEART OF THE CAMPUS





# HOWARD UNIVERSITY

Bethune Dining Hall, Washington, DC

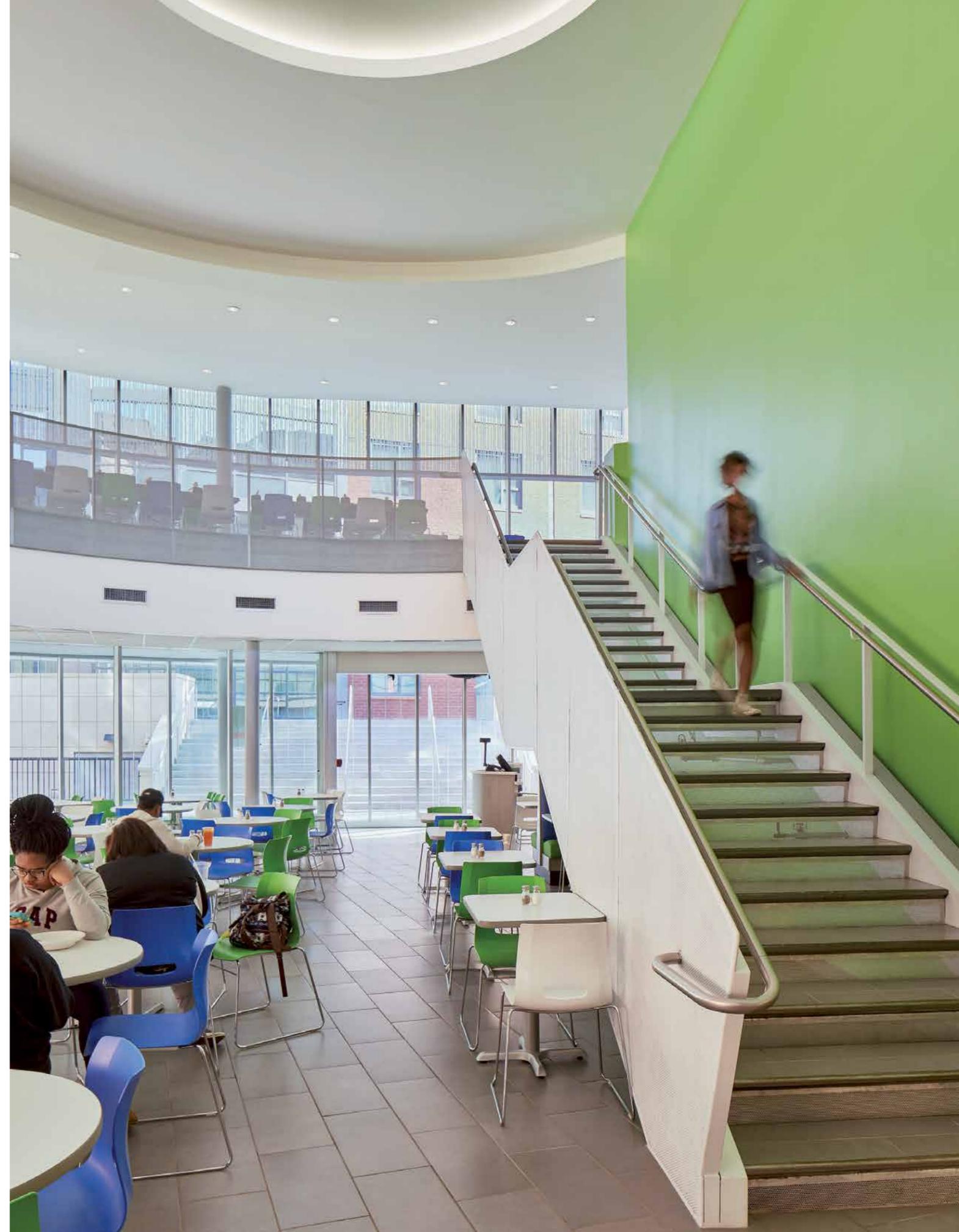


A new campus hub exemplifies how high-performance design can support well-being and flexibility, as well as sustainability. To meet the University's goals for enhancing community dining and advancing sustainability goals, we collaborated with Sodexo and the University's dining services, as well as the campus facilities management teams. The modernized and expanded dining facility bridges residence halls to foster community, while its energy-efficient design utilizes custom-designed exterior glass panels to maximize natural light, a strategy that reduces building load and energy costs while enhancing the indoor experience. The vibrant signature structure is a beacon for healthy living in community.

## At a Glance

- 9,500 GSF New Construction
- 9,750 GSF Modernization
- 5,100 GSF Terrace Restoration

Sustainable design strategies include the reuse of the existing structure to minimize construction demolition; recycled and regional materials; and low-emitting paints, sealants, and flooring that optimize indoor environmental quality. The facility boasts a highly energy-efficient variable refrigerant system, low-flow plumbing fixtures, LED lighting, and roofing and pavers that reflect solar radiation and reduce heat island effect. The project exceeded the University's sustainability goals.





# HEALTH EDUCATION

Immersive environments for systems- and team-based learning  
ease the transition to real-world clinical collaboration.



# TRANSFORMING WELLNESS

## COLLEGE OF WILLIAM & MARY

The McLeod Tyler Wellness Center, Williamsburg, VA



Promoting wellness among college students is more important than ever. Ready to address increasing concerns over students' struggles with anxiety and depression, The College of William & Mary needed a new facility that would inspire students to actively seek programs supporting mind and body.

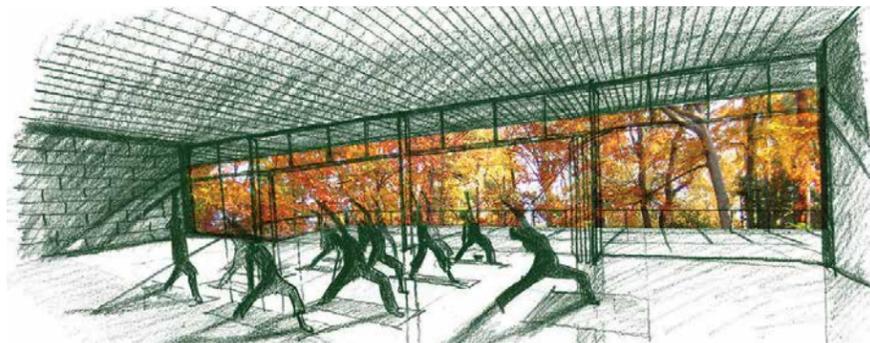
Asking, "What can design do to improve campus health and wellbeing?" the EYP team partnered with William & Mary to design The McLeod Tyler Wellness Center — a peaceful oasis in the heart of campus.

## At a Glance

- 230,000 GSF New Construction
- Health clinic, counseling center, recreational & wellness areas, health promotions space
- Sustainability Advancement Award, IIDA Mid-Atlantic Chapter Premiere Design Awards

Taking advantage of a new central location, the center offers all major health facilities, wellness services, and recreation wellness programming under one roof. Students can meet with a physician, attend Yoga class, exercise in the fitness center, or speak with a counselor – all in one location.

Here, nature takes center stage. Large windows optimize views to the adjacent wooded area and the wildlife flower refuge. You'll find students resting in The Compassion and Zen Gardens or socializing on the outdoor patio. And inside, biophilic elements, water features, noise-absorbing materials, and therapeutic artwork harmonize to create a calming environment.



“We will use this new center to transform the story of wellness in this community. This is a place for health as well as a place for healing. It’s an inviting space for all to grow in both of those things — a space of recreation and re-creation.”

Katherine Rowe, College of William and Mary President





# EAST CAROLINA UNIVERSITY

School of Dental Medicine, Ledyard E. Ross Hall, Greenville, NC

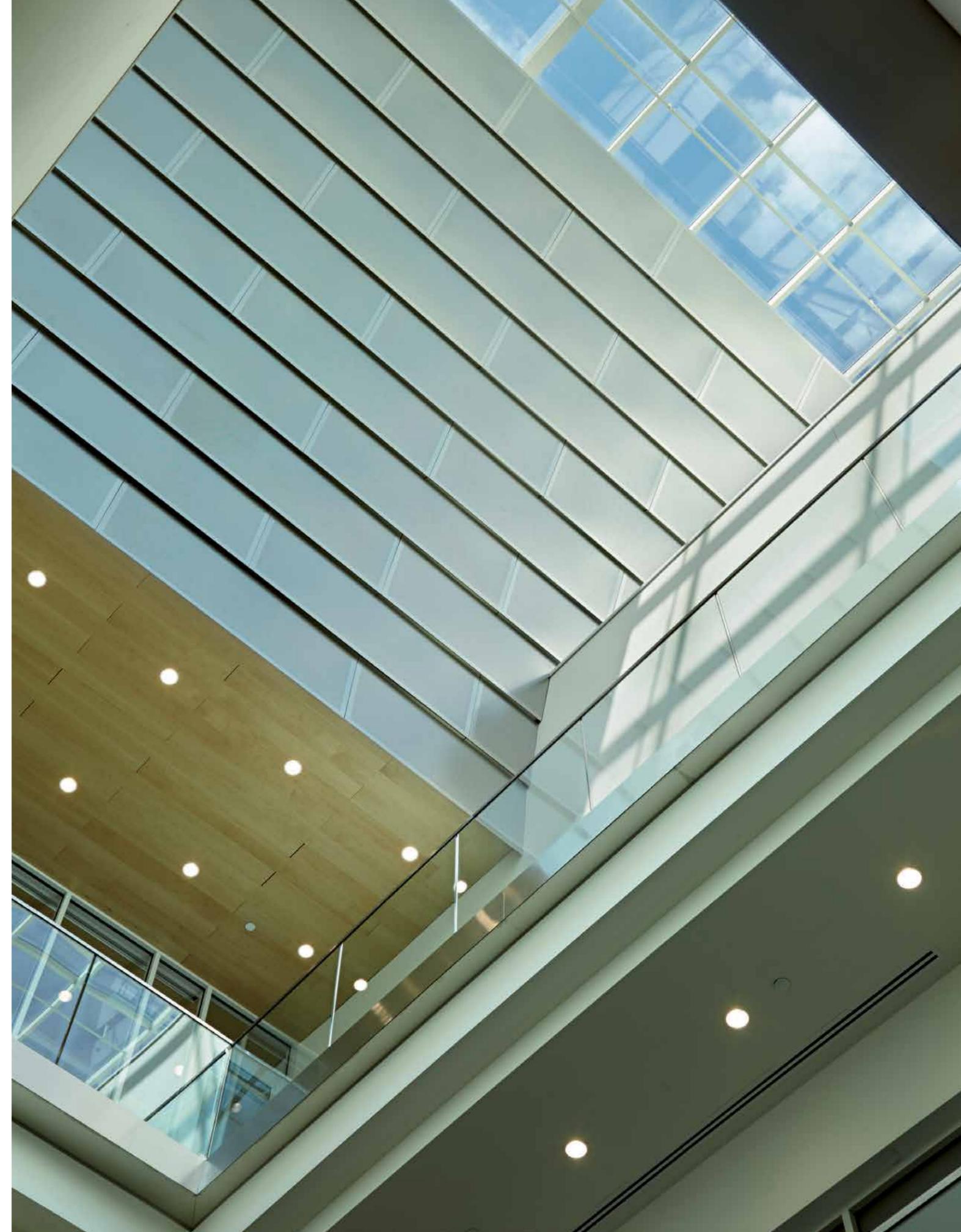


A new on-campus instructional facility and its associated rural satellite clinics are advancing the University's innovative model of service-oriented dental care, in which fourth-year students work off campus to provide dental services to underserved citizens under the guidance of experienced faculty.

## At a Glance

- 185,000 GSF New Construction
- 133 Operatories
- LEED Silver

The facility is designed to support the latest trends in dental medicine and clinical training. It includes dental operatories, five specialty clinics, smart classrooms, teleconference rooms, and state-of-the-art simulation labs, as well as administrative/support spaces. In particular, the Preclinical Technique and Clinical Simulation Labs promote hands-on training and collaboration. The satellite Service Learning Centers are designed to enhance the patient experience, enabling students to easily transition into the clinical environment.



# NEW YORK UNIVERSITY

College of Nursing, College of Dentistry & Bioengineering Institute, New York, NY

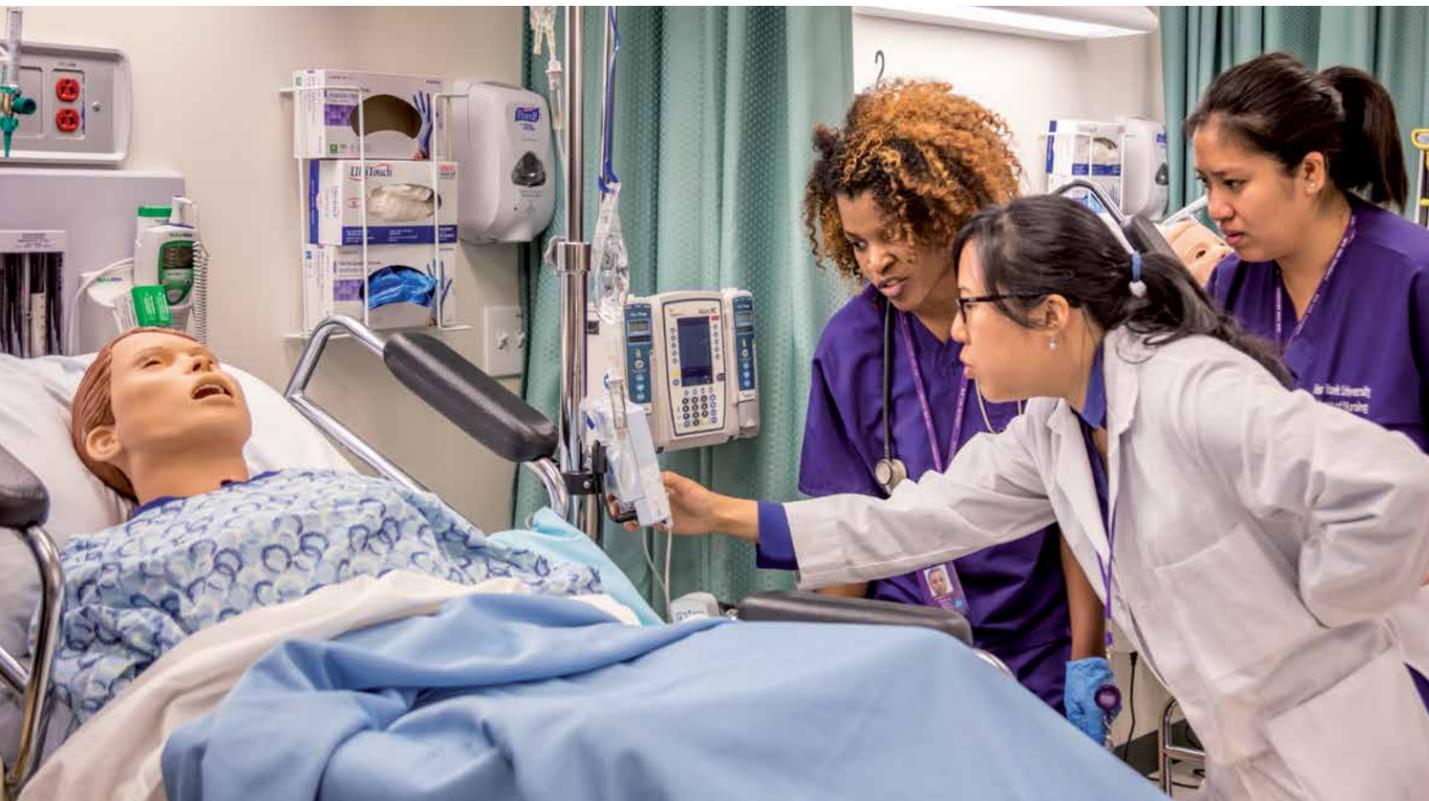


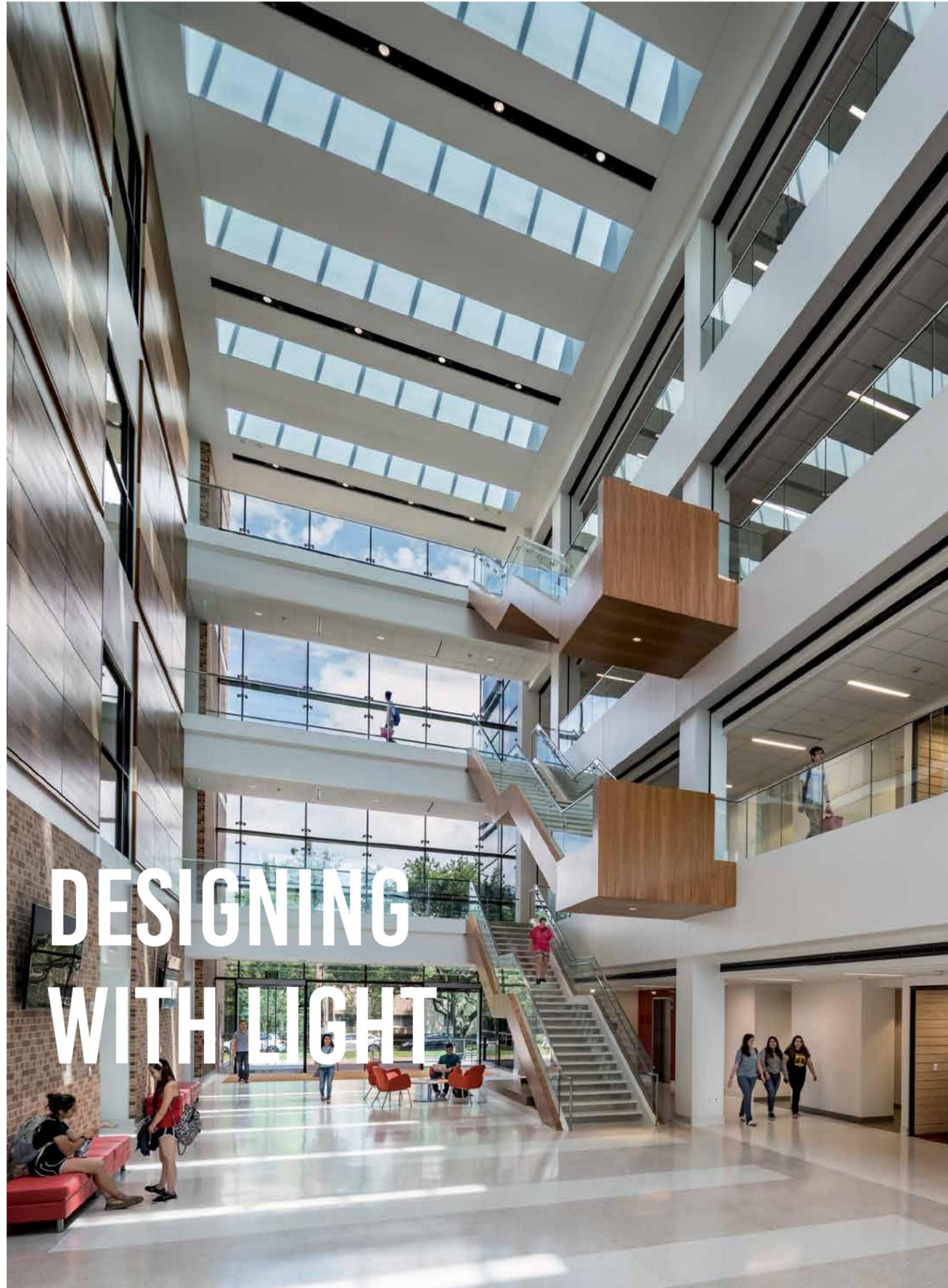
As healthcare delivery becomes increasingly interprofessional, a new building collocates three distinct programs to ease students' transition from academic to clinical environments. The facility is conceived as a vessel for human-focused technology in the highly competitive landscape of health education. Strategic adjacencies and shared resources enhance skills acquisition, collaborative research, and interprofessional understanding among disciplines. Simulation spaces and computer labs increase opportunities for students to refine skills and advanced techniques before entering the clinical environment.

## At a Glance

- 170,000 GSF
- LEED Silver

High-quality finishes, a comfortable and attractive student commons area, and the convenience of “one-stop” student services contribute to a world-class experience for tomorrow’s leaders in healthcare. Expansive glazing and sweeping views of Manhattan maximize the sense of space in the constrained urban footprint.





# UNIVERSITY OF ST. THOMAS

Center for Science and Health Professions, Houston, TX



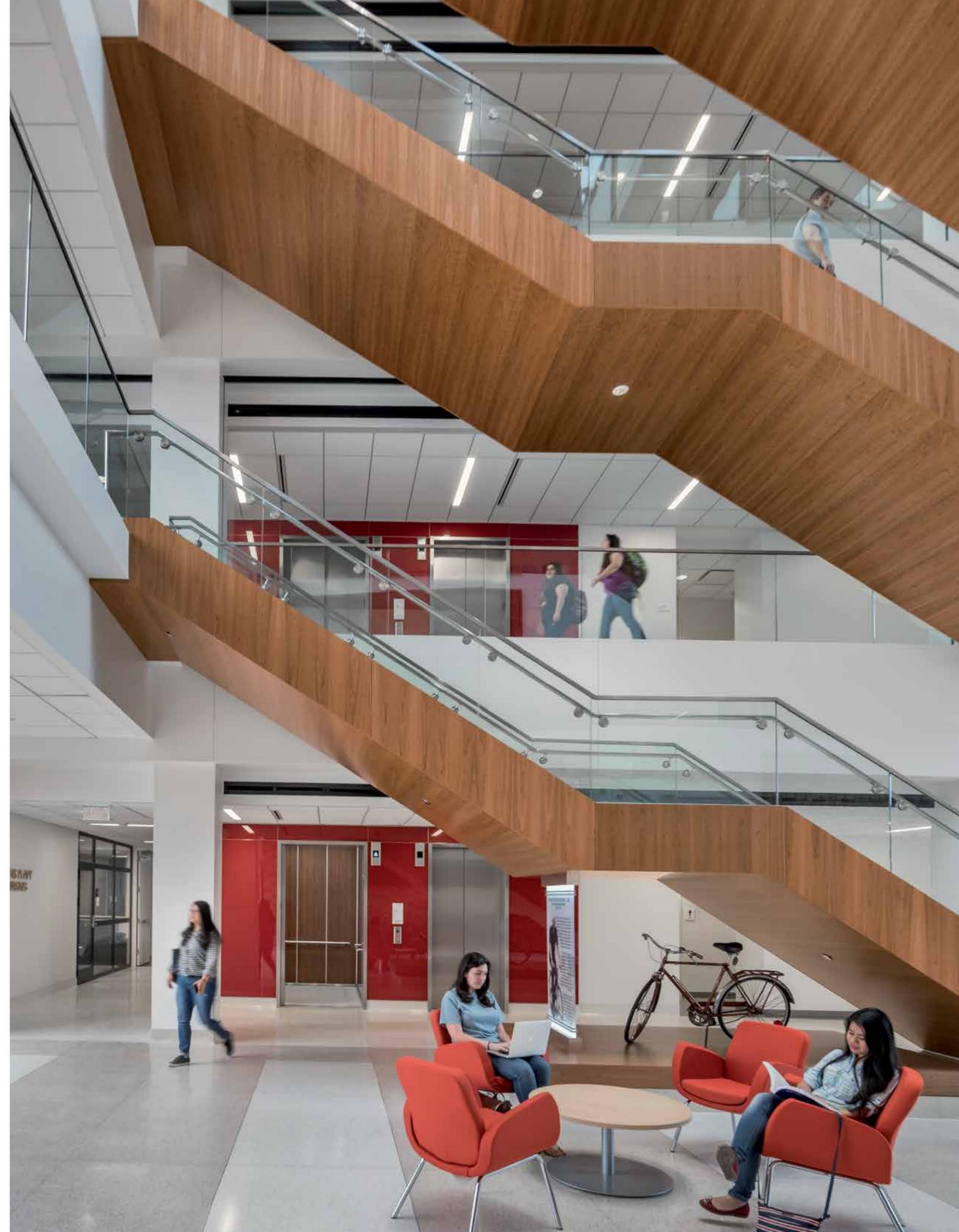
The new Center collocates health-related programs to create an interprofessional facility that supports team-based, hands-on learning. The U-shaped facility is organized around a central courtyard, bringing daylight and views to all interior spaces.

## At a Glance

- 169,000 GSF New Construction
- Nursing, Biology, Chemistry, Physics, Environmental Science, Mathematics, Computer Science, Cooperative Engineering

The program includes classrooms, science laboratories, nursing skills and simulation labs, as well as offices and other administrative support spaces. Extended learning spaces – such as student lounges, tutoring space and group rooms – foster interaction and enhance the sense of community to advance the university's mission of educating students to think critically, communicate effectively, succeed professionally and lead ethically.

This 21st-century learning environment flexibly adapts to accommodate future needs and various hands-on learning scenarios. Innovative sustainability strategies enable the building to serve as a teaching tool for energy efficiency and healthy design.





**NATIONALLY RANKED  
HEALTH PROGRAMS**

# VIRGINIA COMMONWEALTH UNIVERSITY

College of Health Professions Building, Richmond, VA



How do you prepare students to excel in their chosen healthcare fields? By creating a flexible educational environment that drives interprofessional teamwork, cutting-edge technology, and innovative instruction. And VCU's College of Health Professions building does just that.

## At a Glance

- 154,000 GSF New Construction
- LEED Silver

A nexus for collaboration, the facility unites 11 health education departments under one roof to combine their strengths into a flexible interprofessional education community. Students, faculty, and researchers work side-by-side, learn from one another, and focus on delivering the best patient-centered care possible.

Robust high-touch technology is the heartbeat of this eight-story tower. Walk into the simulated hospital and watch the Nurse Anesthesia students practice on a patient simulator. Or, stop by the smart home apartment on the second floor to observe therapy students learning how to support individuals with limited mobility. In the Biomechanics Research Lab, you will find students and faculty researching, creating, and testing healthcare devices to serve our communities better. Technology-rich experiential learning is everywhere.

The predominantly glass exterior puts these high-tech highlights on display. The vertical connections of the classrooms, laboratories, double-height collaboration areas, and faculty office clusters create collision zones and touchpoints for faculty and students, reinforcing the University's goal of interprofessional collaboration.



“This building, which is gorgeous, is also incredibly functional, and it will allow us to train our students to work together and to collaborate so that they don’t just live in the silos of their disciplines.”

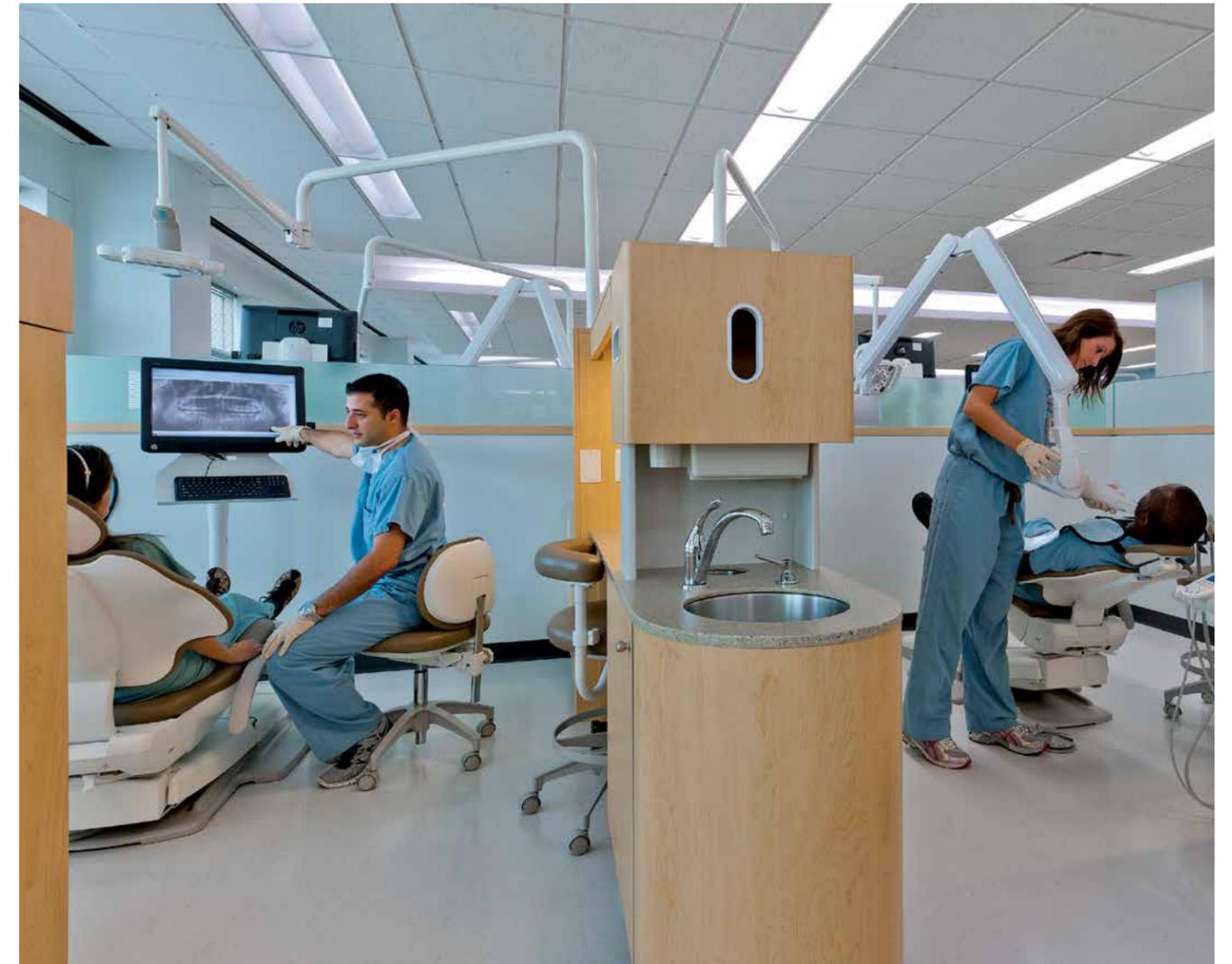
Susan Parish, Ph.D., Dean of the College





# UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

School of Dentistry, Houston, TX



The School is a new, six-story dental education and clinical facility complete with dental clinics, simulation and pre-clinical labs, clinical support labs, a clinical research lab, classrooms, a learning resource center, a student center, and administrative space. The facility has enabled the University to expand its dental program by 20 percent to 100 Dental Medicine students and 50 Dental Hygiene students per year.

## At a Glance

- 296,500 GSF New Construction
- 285 Operatories

The School is organized into three distinct zones: public (patient care), education and simulation, and faculty and staff. The building houses some of the industry's most advanced equipment and education technology to support the highest quality in patient care, research, and education. Specialized spaces include operatories; an imaging suite; biomaterials laboratory; clinics for oral and maxillofacial surgery, orthodontics, pediatric dentistry, endodontics, prosthodontics and periodontics; and a faculty practice clinic. A Learning Resource Center and lounge enhance the student experience and promote collaboration.





# UNIVERSITY OF TEXAS MEDICAL BRANCH

Health Education Center, Galveston, TX



## At a Glance

- 162,000 GSF
- Simulated OR, ICU, and Acute Care, Standardized Patient Suite, Flexible Skills Lab, Team-based Learning Studios
- Nursing, Medicine, Health Professions

The Health Education Center (HEC) at the University of Texas Medical Branch at Galveston (UTMB) consists of 160,000 GSF of resilient and advanced technology education space.

The HEC promotes inter-professional education in all UTMB schools, which include nursing, health professions and medicine, along with professional education for residents, nurses, physicians and staff.

The facility is the home of a new centralized Simulation Center for the UTMB campus. It features flexible and specialized labs, including an OR/ICU Suite, a Standardized Patient Suite and flexible simulation labs for the UTMB health education community.

The large learning labs accommodate a range of simulation technology and is specifically sized to bring interdisciplinary teams together. The labs were designed to integrate simulation spaces and debrief spaces to create an immersive experience for students.

The Health Education Center includes large flat-floor classrooms to enable “flipped classroom” pedagogy, study spaces, educational offices and administrative space. All of this helps UTMB manage the growth of its health education programs and increase in exposure to hands-on simulation.



# JAMES MADISON UNIVERSITY

Health & Behavioral Studies Building, Harrisonburg, VA



**FOSTERING  
CONNECTIONS**



The new interprofessional facility is designed to prepare students for today's team-oriented healthcare work environment. The design creates a natively landscaped, pedestrian-oriented campus gathering place on the south while negotiating a full floor of topographic rise to the north. In accordance with the precinct master plan, the building fulfills the University's aesthetic and campus goals of extending the historic Bluestone campus and creating a new, formal community entrance.

## At a Glance

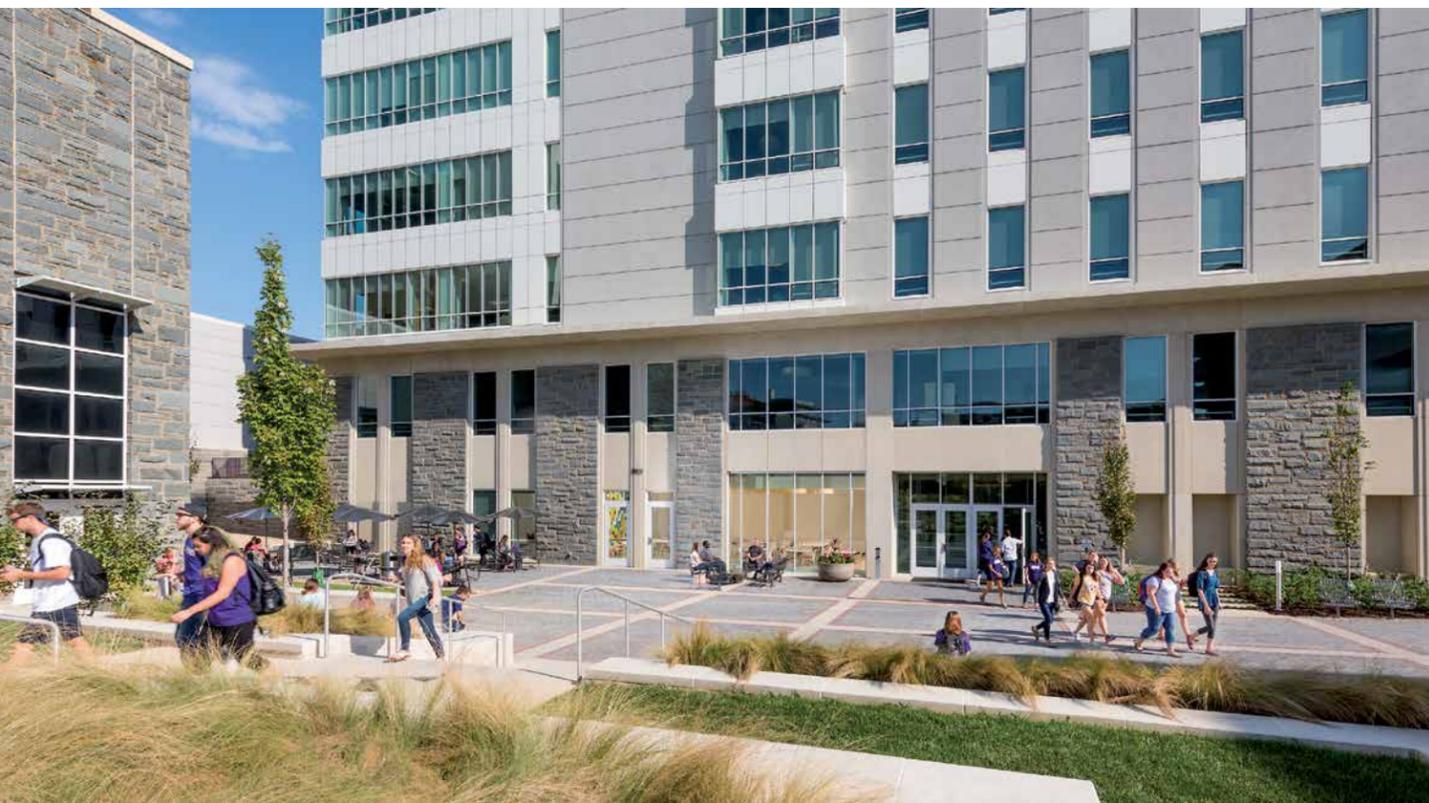
- 150,000 GSF New Construction
- 16 research labs, 20 classrooms, 22 teaching labs, 1 health clinic, two 165-seat lecture halls, Patient simulation lab, Food production lab, Hearing clinic
- Occupational therapy, Dietetics, Athletic training, Communication science disorders, Social work

The facility is organized so that no single department dominates a floor. Dynamic signature learning spaces are distributed throughout the building along primary circulation routes, giving each department a distinct identity and facilitating interprofessional collaboration. Research labs designed to support faculty research provide opportunities for student research and hands-on learning. The building also serves the community through a separately zoned and easily accessible Speech and Hearing Clinic, exposing students to real-life clinical situations.

Specialized learning spaces include mannequin and standardized patient laboratories; a health assessment teaching laboratory; a practical application teaching laboratory; a Dietetics suite including a production laboratory, a nutrition laboratory, and a dining room open to the campus and community; occupational therapy and athletic training teaching laboratories; group therapy spaces; and a home environment lab.

“There was a lot of collaboration among the architects and all of our programs. That’s why it’s such a well-designed building.”

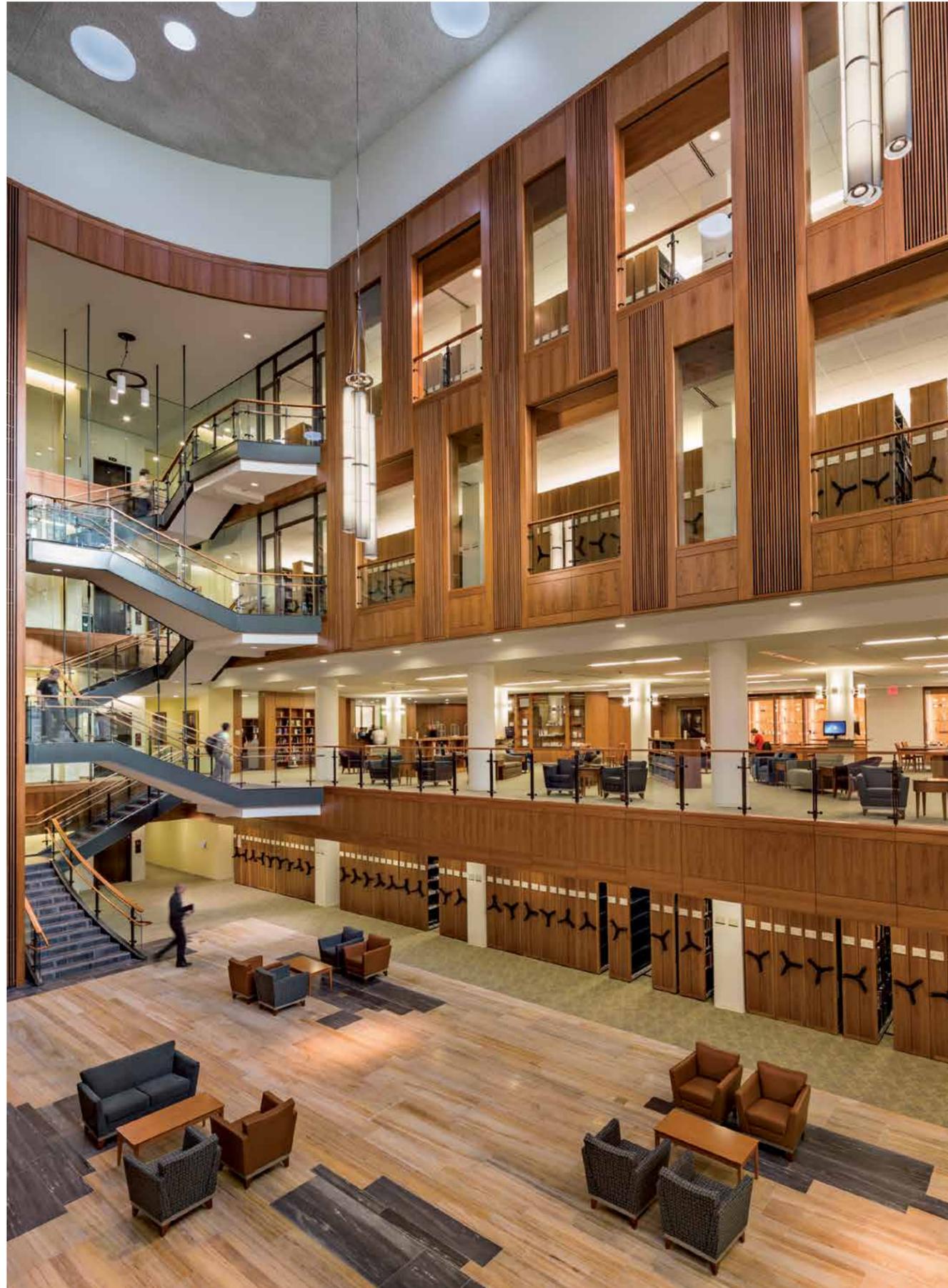
College of Health & Behavioral Studies Dean Sharon Lovell





# LIBRARIES AND CULTURAL CENTERS

Spaces that support the arts and culture each require distinctive environmental, acoustic, and technological design solutions to embrace the creative, audience, and visitor experience.



# PRINCETON THEOLOGICAL SEMINARY

Bicentennial Library, Princeton, NJ



A global destination for theological scholarship with a collection second in size and importance only to that of the Vatican, the Library is a signature complex whose research, collection management, and collaborative spaces support a 21st-century “theological library for the world.”

## At a Glance

- 91,000 GSF New Construction
- 45,000 GSF Modernization

Through selective demolition of the original Library, modernization of the 1992 addition, and new construction, our high-performance design approach enhanced the best aspects of existing structures to create a contemporary building that respects, but is not bound by, tradition. The contemporary design incorporates traditional materials in a translational way to evoke the timelessness of scholarly activity while acknowledging and enhancing the historic context of Princeton in which it stands.

The Library is organized as a series of pavilions grouped around the atrium, providing a variety of inviting spaces for study, professional and scholarly interaction, and display. The addition includes a monumental double-height reading room, seminar rooms, and individual study carrels designed to facilitate new methodologies of both group and individual instruction within the Seminary. The modernization reconfigured staff, special collections, and patron space, infusing the entire complex with state-of-the-art technology for research and collaboration.



“We have been pleased with your team’s work in relation to the very sensitive discussions that were necessary with the Regional Planning Board of Princeton and its staff.”

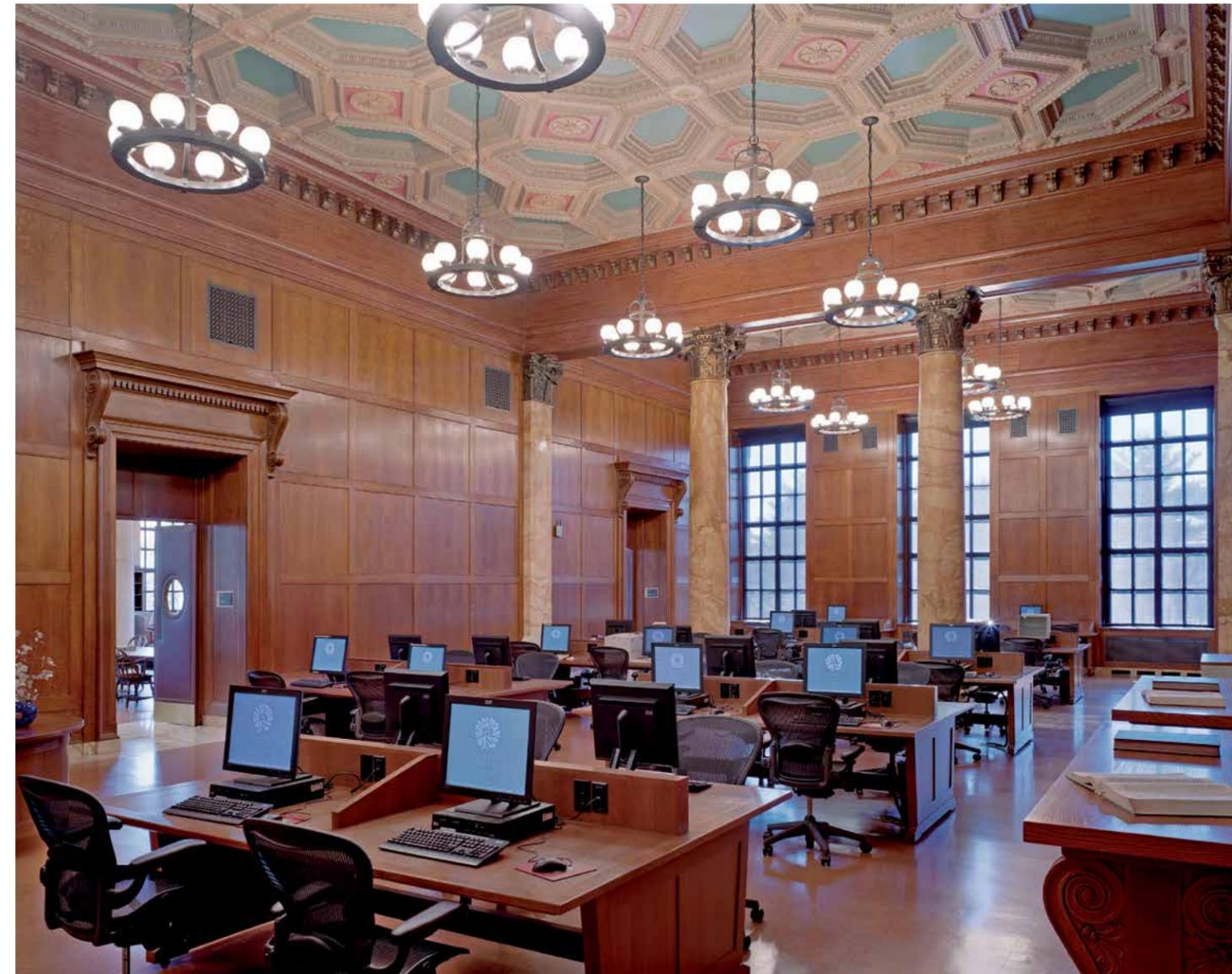
Princeton Theological Seminary  
President Emeritus Iain R. Torrance, PhD





# HARVARD UNIVERSITY

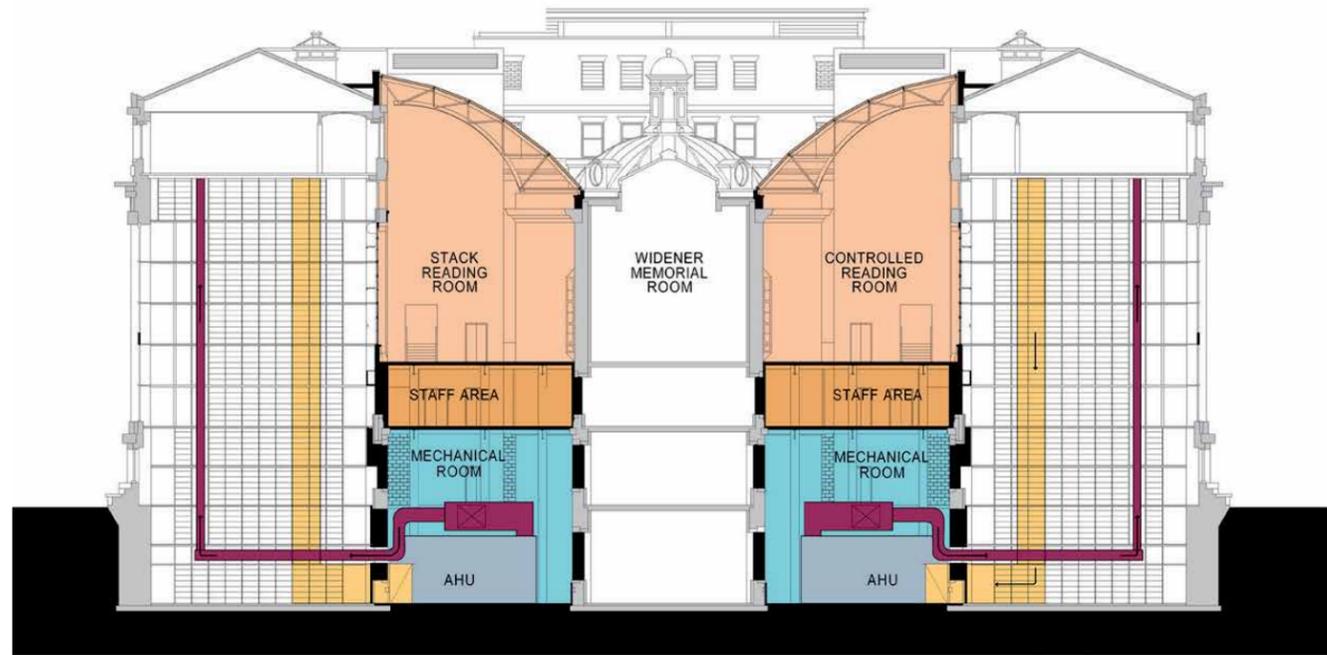
Widener Library, Cambridge, MA



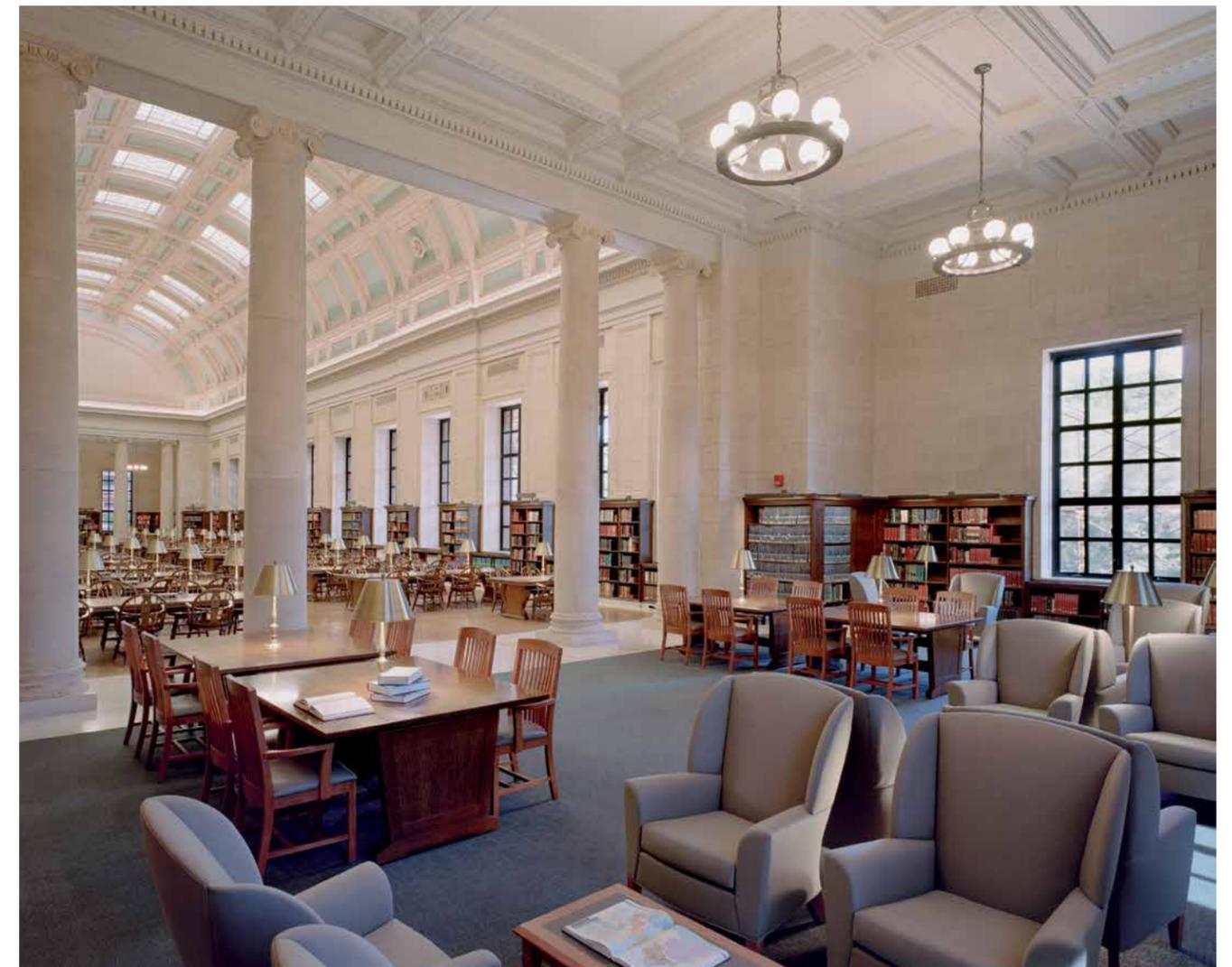
## At a Glance

- 320,000 GSF Modernization
- 6+ million items

Sited in the heart of a National Historic Landmark District, Widener required complex infrastructure and design interventions to ensure its continuing service, as well as the safety and security of people and collections. We preserved the historic character of the beautiful building, phasing work to allow the library to function without interruption. The extensive project enhanced the safety and security of collections, in part by creating climate-controlled book storage, and created a more comfortable environment for student and faculty study.



We first upgraded the existing ten-floor, self-supporting stack block. New cores and building systems were invisibly threaded through the stacks to provide climate control for materials storage, improve building circulation, and provide state-of-the-art work spaces for staff. The design flexibly infuses technology to support the library's evolving role. The second phase of work focused on restoring significant existing features and finishes wherever possible.



# DESIGNED FOR THE COMMUNITY



## AMERICAN UNIVERSITY

Katzen Arts Center, Washington, DC



### At a Glance

- 325,000 GSF New Construction

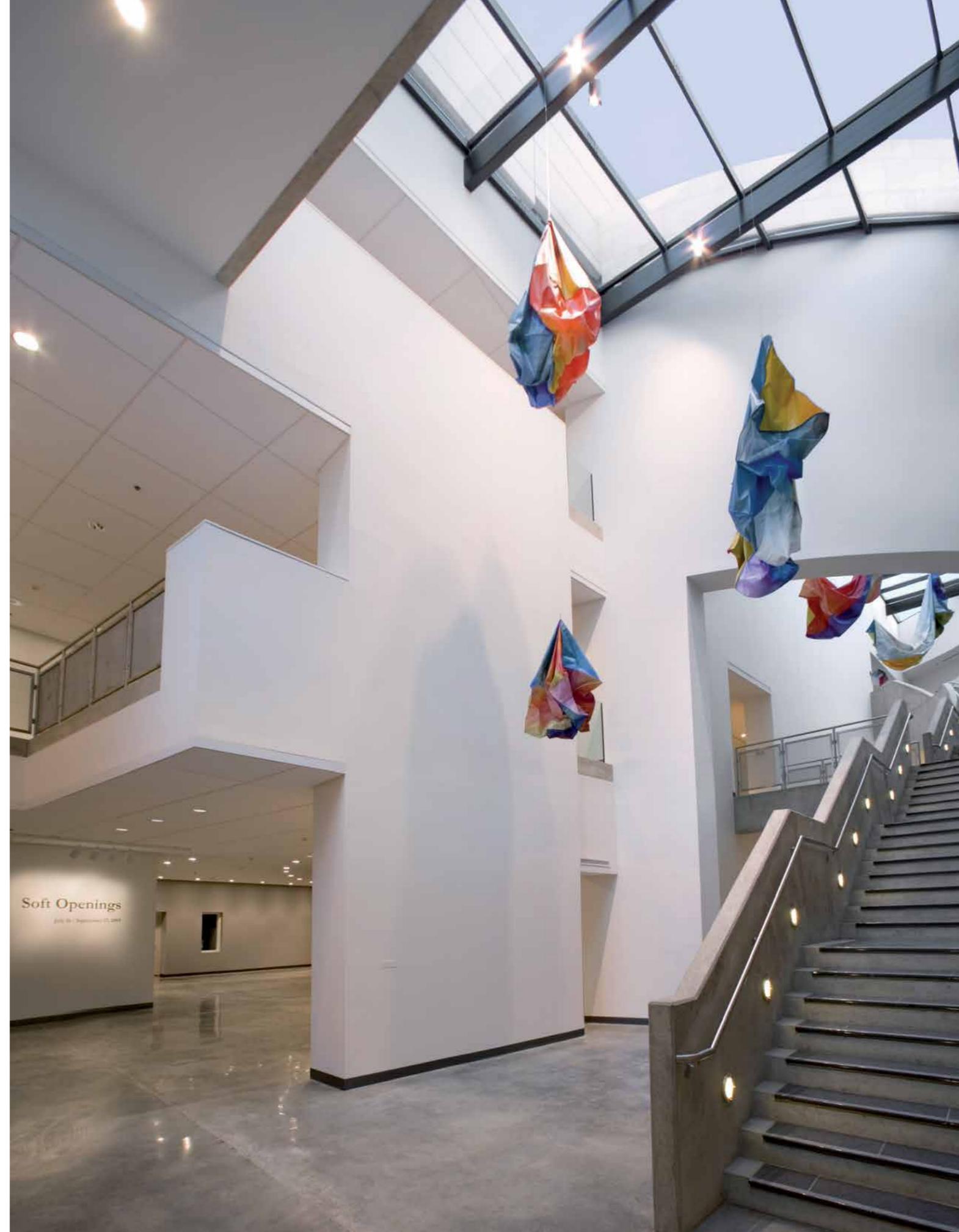
The client sought a signature design to enhance its identity and advance the profile of its renowned arts programs. The design collocates studio arts, music, performing arts, and an art gallery along a major interior “avenue” to foster an arts community that encourages students, faculty, and visitors to explore the limitless possibilities of creativity.

The iconic building is defined by three distinct forms. The art gallery, which gives the building its unique identity, is characterized by a cylindrical form graced by an outdoor sculpture garden. The studio/classroom wing, with its gently curvilinear form, is located at the opposite end of the site to give students some privacy from visiting crowds. A distinctive rotunda serves as the entrance into the academic studio wing and as an informal gathering space for the students. Lastly, a recital hall, dance rehearsal space, and black-box theatre comprise the performance wing, which connects the gallery and studio spaces.



“It provides fitting focus on the centrality of artistic creativity to the human spirit. And my, when seen from certain points of view, it cuts a beautiful profile against the evening sky.”

Benjamin Forgey, *The Washington Post*



# WHAT'S POSSIBLE?

[eyuae.com](http://eyuae.com)

