

The logo for MICUA, featuring the letters "MICUA" in a white, serif font on a yellow rectangular background.

Maryland Independent College
and University Association

The background of the slide features a large, light gray diamond shape with a white border, centered on a white background. In the bottom left corner, there are several overlapping diamond shapes in shades of yellow and blue. The title text is centered within the large diamond.

MICUA Fiscal 2022 Capital Projects: Capital Budget Testimony

February 23, 2021



Fiscal 2022 Projects

- **Johns Hopkins University:** \$5 million request to modernize the Milton S. Eisenhower Library on the Homewood Campus. A \$100 million project.
- **St. John's College:** \$5 million request to renovate portions of Mellon Hall, the largest academic building on campus, to include the construction of an additional floor within the existing structure. A \$10.4 million project.
- **Mount St. Mary's University:** \$2 million request to construct an addition to the Coad Science Building, a 50,100 square foot building in the center of campus. A \$4.1 million project.

CIP allocation: \$8 million; MICUA total request: \$12 million

Expected to leverage over \$100 million in private resources and support over 800 construction jobs.



The background features a photograph of the Milton S. Eisenhower Library at Johns Hopkins University. The building is a two-story structure with a prominent portico supported by several columns. The sky is bright blue with scattered white clouds. The photograph is framed by large, overlapping geometric shapes in shades of blue, grey, and yellow.

Johns Hopkins University
Milton S. Eisenhower
Library

Scope of MSEL Modernization Project

MSEL's \$100M modernization will address all upgrade requirements for a **21st century library** and address needs specific to JHU, the Homewood campus and the community. Johns Hopkins' \$5M capital grant request combined with philanthropy and institutional funds will help bring this project to fruition.

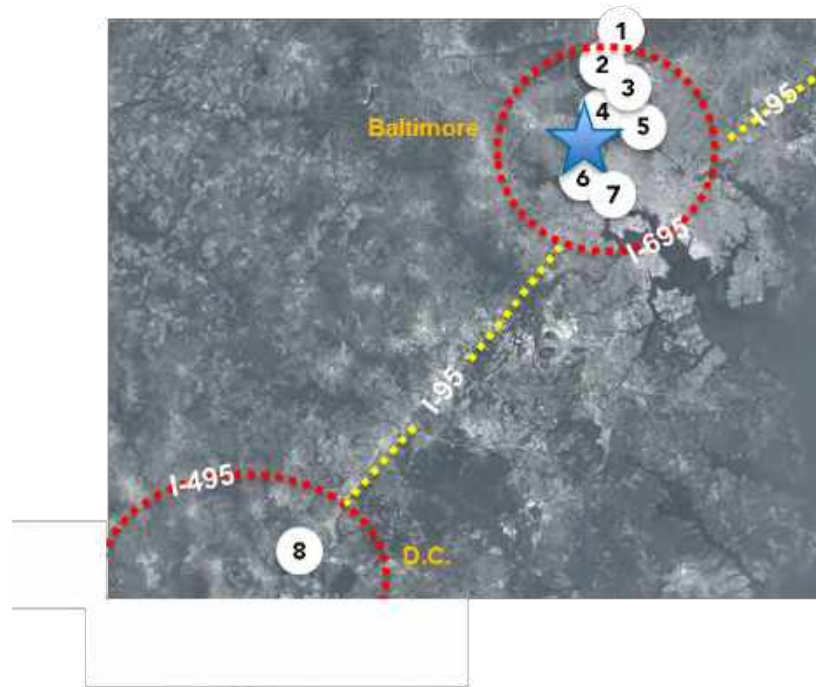


- Replace outdated, inefficient building services now past their life expectancy with **modern, energy efficient systems**.
- **Address all code and life safety issues**, including the absence of a fire suppression system.
- Reconfigure interior spaces to accommodate contemporary scholars and **increase the quality of space for all users**.
- Update **study areas, commons areas, office suites** and address exterior **facade improvements**.
- Address the **unique services** currently housed in the MSEL and the adjoining Brody Learning Commons.

Value to Hopkins, Baltimore, and Maryland

The MSEL...

- Is frequently used by students from **other local universities**. (*over 20,000 visits to MSEL from these institutions for access to resources from FY17-FY19*).
- Is open to the **public**.
- Participates in **multiple consortia arrangements** with reciprocal borrowing and shared collections.



★ Johns Hopkins University

- 1) Goucher College
- 2) Towson University
- 3) Notre Dame of Maryland University
- 4) Loyola University Maryland
- 5) Morgan State University
- 6) MICA
- 7) University of Baltimore
- 8) University of Maryland

Requires renovation to continue to provide access and better serve all users

Existing Building Challenges



Non accessible restroom entries, toilets, and fixtures; accessible restrooms located on only half of the existing floors.



In the MSEL today, 1.1M volumes and 200+ stacks; stacks configuration is not ADA compliant; building is a book repository without the flexible 21st century spaces needed for the JHU community



Stacks, individual study carrels, group study rooms, offices with no natural daylighting



Low floor to floor heights (8'), waffle slab construction, no daylight penetration, no fire suppression system (sprinklers), antiquated fire alarm system



Aging infrastructure has led to 6 significant flooding and mold incidents since 2016 which impact overall building operations, building use, and puts the collection at risk (M Level flood August 2020 and D Level mold outbreak April 2010)

Solutions We're Exploring



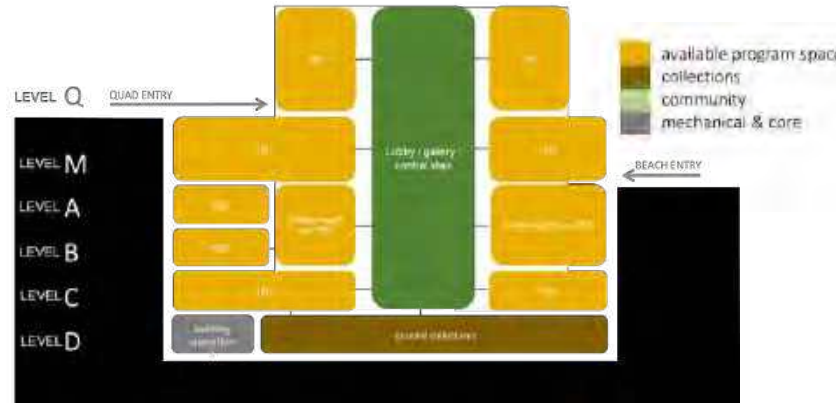
Existing Building Section



Potential Renovated Building Section
(early concept from feasibility study, to be finalized in design)



Existing Building



Future Building



Case Western Reserve University, Kelvin Smith Library



Princeton University, Firestone Library



Duke University, Perkins/Bostock Library

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St. John's College
Mellon Hall





Scope: Phase I Renovation of Mellon Hall

Major Problems and Campus Needs

Inadequate space for faculty/student collaboration and meetings

Limited space for campus events and activities

Insufficient space for arts programming

Aging infrastructure, lighting, and technology

ADA accessibility

Outdated design and inflexible space



Proposed Renovations

Student Commons, meeting space renovations

Redesigned flexible spaces, courtyard expansion

Addition of new arts programming space within existing backstage areas

New lighting, HVAC handlers, AV technology

ADA accessible/inclusive improvements

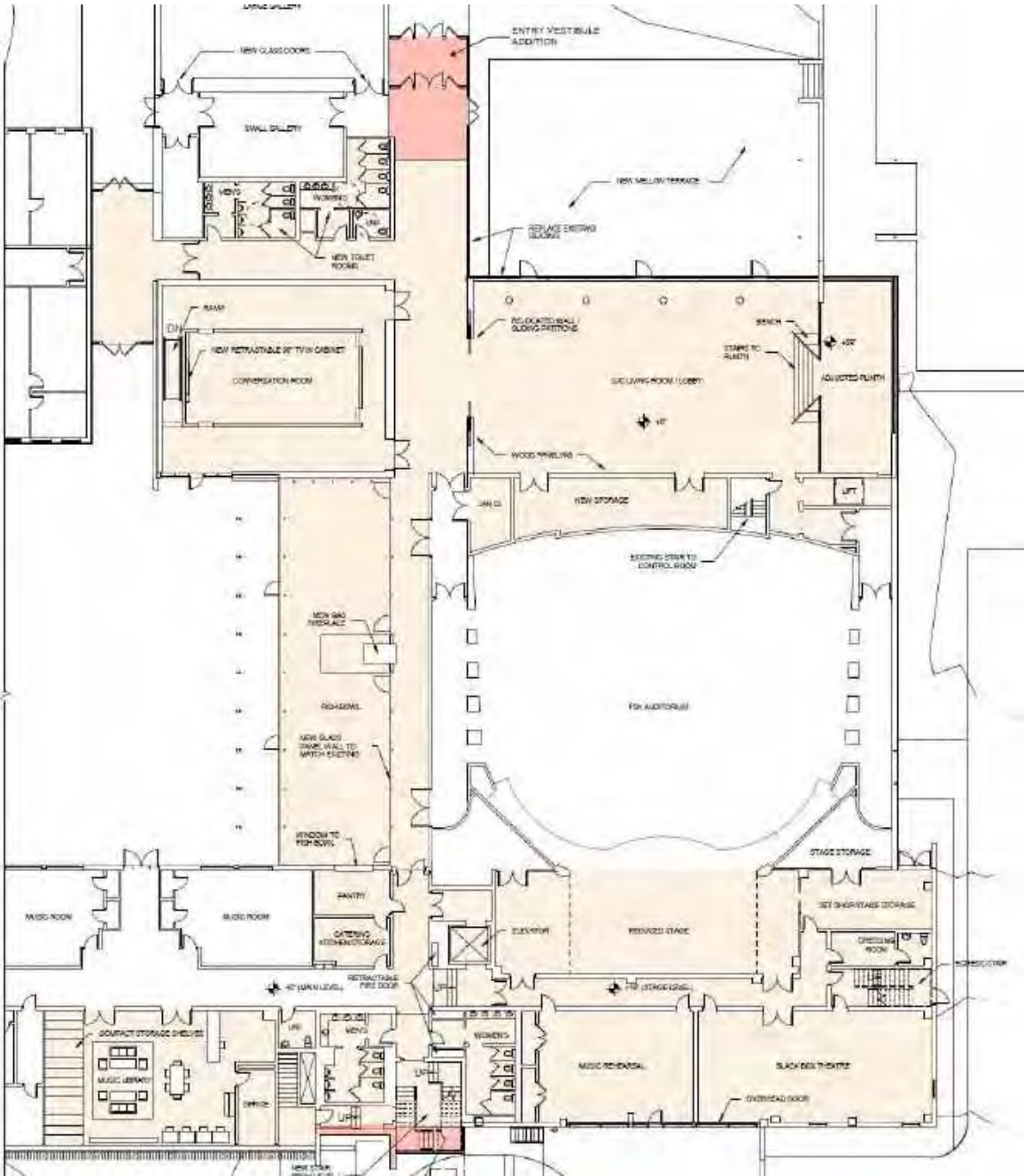
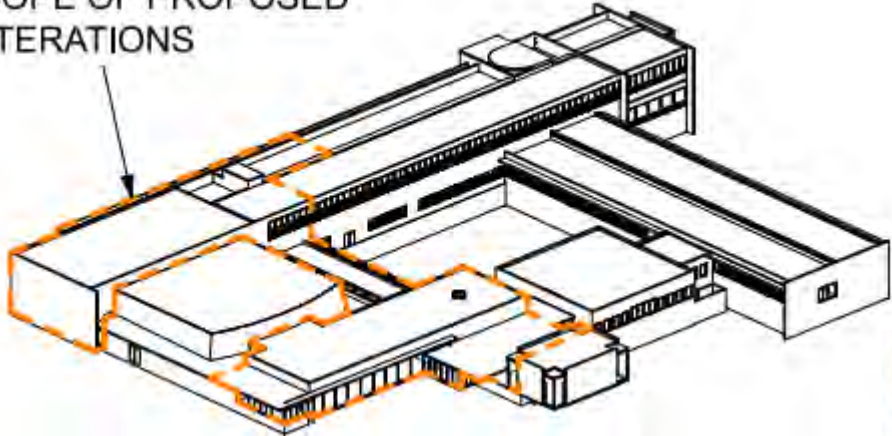
Refresh of outdated original design features

MELLON RENOVATION PLANS

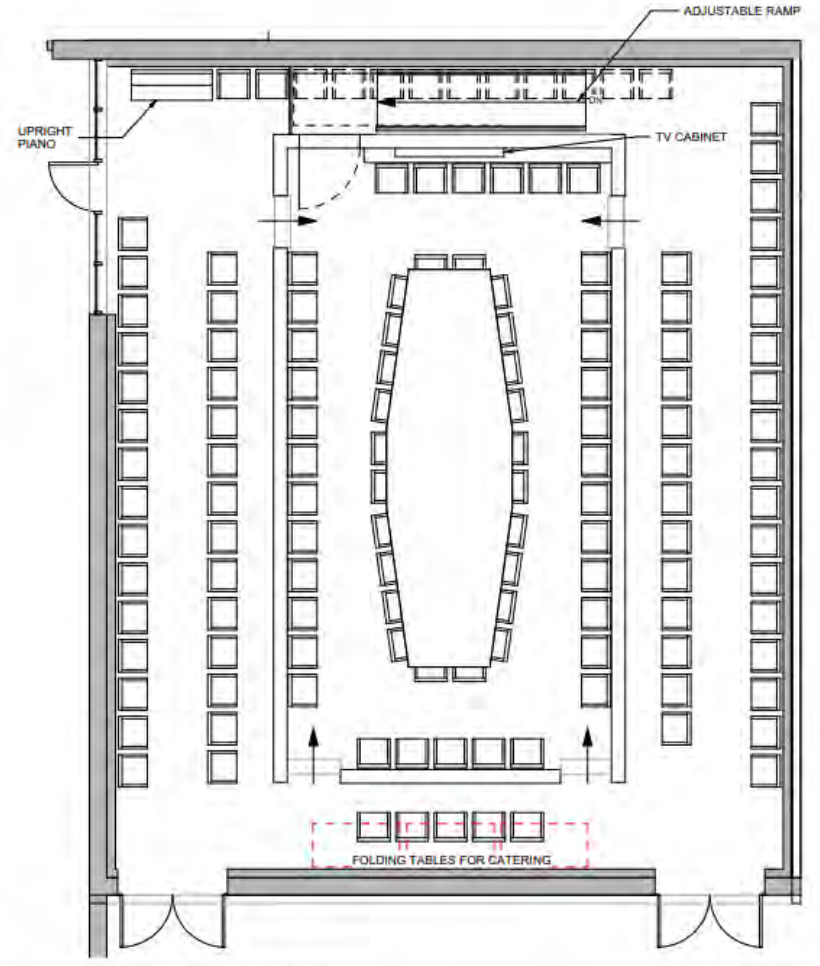
ST JOHNS COLLEGE - MELLON HALL RENOVATION

- Entryway and terrace
- Front lobby as student commons
- Conversation room
- Fishbowl student and faculty lounge
- Renovated music library
- 3 new meeting rooms – 2nd floor
- New music rehearsal room
- New black box theatre
- Better storage for event and arts programming equipment
- Gender inclusive bathrooms for students and visitors
- Lighting, technology and infrastructure upgrades

SCOPE OF PROPOSED ALTERATIONS



Conversation Room



(138 SEATS NO RAMP)
(128 SEATS WITH RAMP IN USE)

FLOOR PLAN
SCALE: 1/4" = 1'-0"



Conversation Room - Ramp



Conversation Room - Ramp (Far View) w/ TV

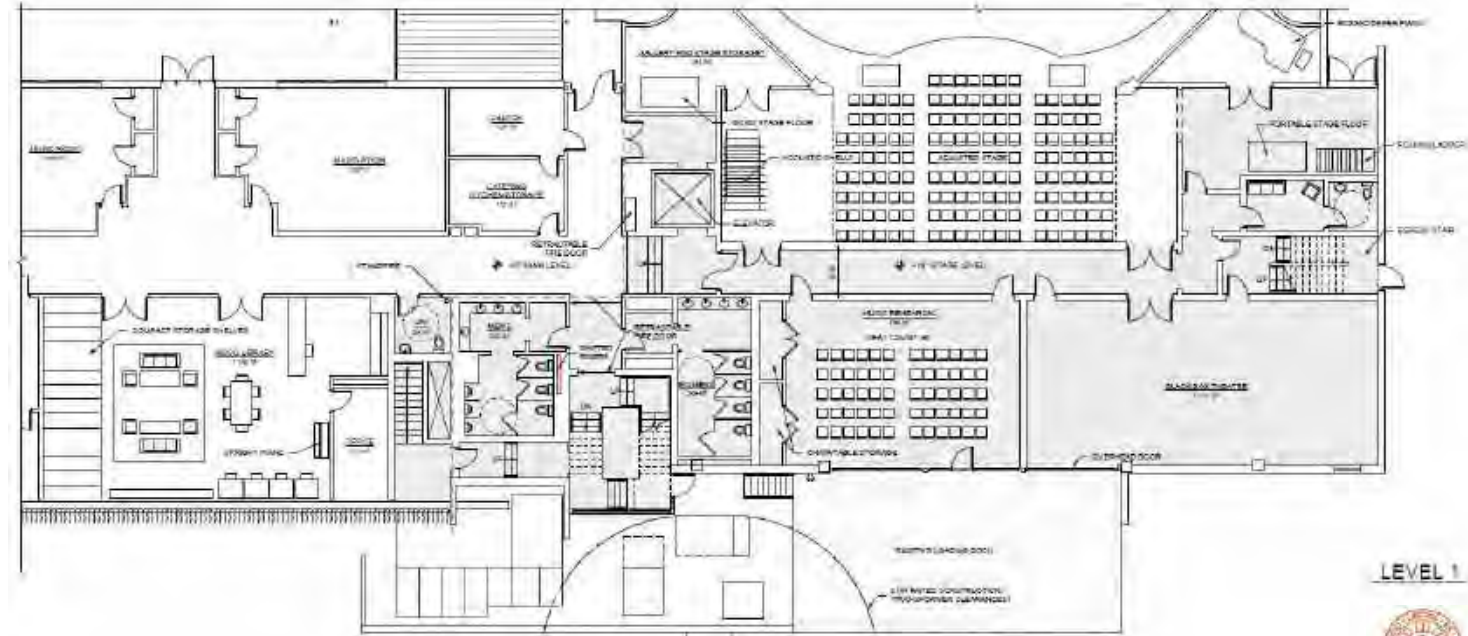
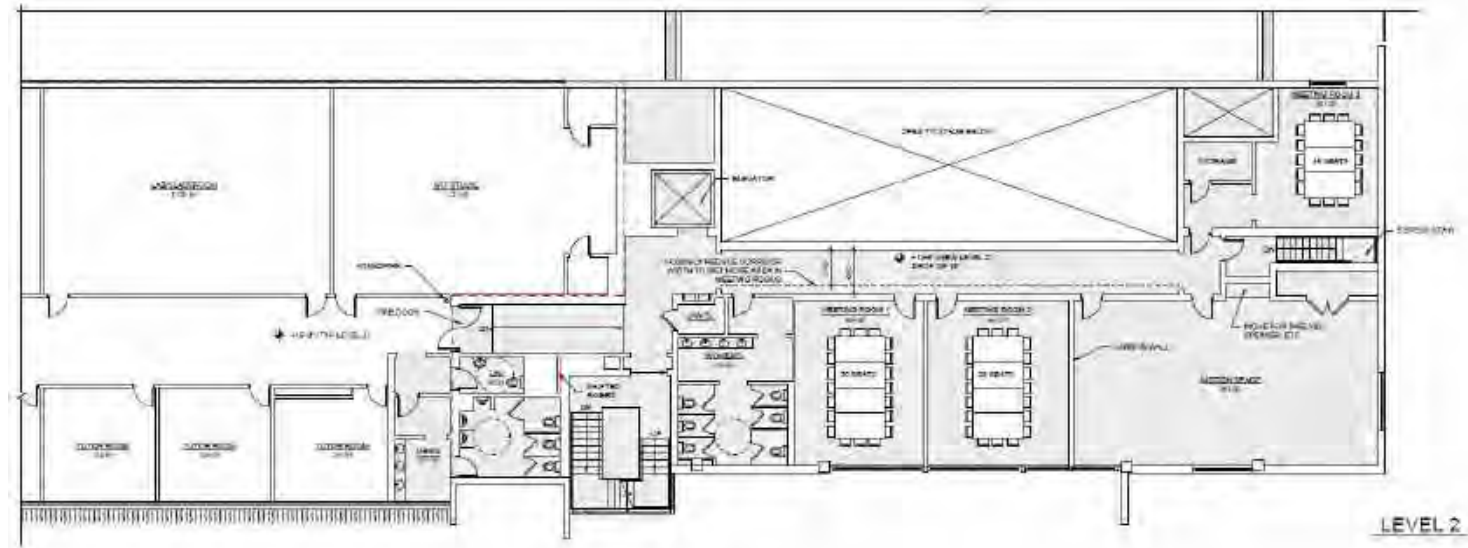
STAGEHOUSE RENOVATION AND STAIR

ST JOHN'S COLLEGE - MELLON HALL RENOVATION

New spaces:

- 3 Classroom/Meeting Spaces
- Motion Space
- Music Rehearsal Room
- Blackbox Theatre

Renovated Music Library



LEVEL 1





Project Value and Funding

Community Importance of the College

Distinctive liberal arts curriculum: The college has a unique curriculum rooted in study of original texts and works of the worlds' greatest writers and thinkers. Classes are small – only 13 to 19 students – ensuring that every student has a voice and opportunity to participate.

Commitment to affordable education for all students: The college reduced tuition prices in fiscal year 2020 by over 33% and has committed to holding the rates flat through the upcoming fiscal year 2022.

In Support of Maryland: The college is a historic scenic walkable campus in the heart of Annapolis. About 14% of St. John's College undergraduates and 44% of graduate students come from the state. Marylanders are 93% of St. John's faculty and staff. The college is committed to using locally owned business and contractors, and through the course of this project an estimated 35-40 businesses/contractors will be engaged, supporting over 100 jobs.

Funding Requirements

Project estimated at \$10.4m \$5m in matching funds requested from state. \$5m in 2020 bond issue and private funding.

Without state funding the scope will be significantly reduced mostly likely resulting in loss of expanded and new academic space. A failure to address these space and programming needs will severely impact operational viability and the college's ability to attract new students.



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Mount St. Mary's University
Coad Science Building





Coad Science Building

Fiscal Year 2022 Capital Request

Mount St. Mary's University's FY2022 request of \$2 million is for an estimated \$4.1 million project to construct an addition to our Coad Science building, one of the primary instructional buildings on the University's Emmitsburg campus.

- Built in 1964, the building is the location of our School of Natural Science and Mathematics, and currently houses 7 classrooms, 12 labs, and 27 offices.
- The project will include new construction for approximately **10,000 square feet of classroom, laboratory, "classatory", and collaborative space** to enhance the learning environment.
- This request is for construction to be performed commencing in the summer of 2022 with completion in the summer of 2023.

Mount St. Mary's University, established in 1808 in Emmitsburg, MD, is a dynamic, Catholic, liberal arts university with over 2,500 undergraduate and graduate students. As a Catholic university, Mount St. Mary's graduates ethical leaders who are inspired by a passion for learning and lead lives of significance in service to God and others.

Fast Facts:

- Undergraduate students from Maryland 56%
- Undergraduate students of color 43%
- First generation students 23%
- Pell eligible freshmen 30%
- Female students 53%
- Students of the Catholic faith 50%
- Remote learning due to COVID 300
- Number of COVID tests to date 4,800

We are adapting to COVID:

- We are open
- Reduced residential density
- Introduced a flexible, hybrid instructional model to allow remote students
- Largest ever Freshmen class Fall 2020 – 647 students
- No layoffs due to pandemic
- Significant effort to keep us safe
 - Wastewater testing
 - Surveillance testing of students and employees
 - Self performed contact tracing
 - Over 80 isolation and quarantine rooms

Vision:

The School of Natural Science and Mathematics is the regionally recognized leader in educating and inspiring ethical leaders who are equipped to tackle society's most challenging and relevant issues within and across the natural and mathematical sciences and the health professions.

Our Programs

- ✓ Biology
- ✓ Biochemistry
- ✓ Chemistry
- ✓ Environmental Science
- ✓ Health Science
 - Pre-Nursing
 - Pre-Physical Therapy
 - Pre-Occupational Therapy

- ✓ Mathematics
- ✓ Computer Science
- ✓ Cybersecurity¹
- ✓ Data Science²

- ✓ Psychology
- ✓ Neuroscience²



Inspire a LOT of Students
(... and we're growing out of our spaces)



- We expect to have **>600 majors** next year.
- **47%** of incoming class designated one of our STEM programs as their intended major.
- **100%** of the Mount student body passes through our classrooms/labs.
 - ✓ Lab Science
 - ✓ Mathematical Thinking

¹ First offered AY2017-2018

² First offered AY2020-2021

School of Natural Science and Mathematics *Our Vision for State-of-the-Art*

Current State

The School of Natural Science and Mathematics has outstanding faculty and academic program offerings. However, our current science building is creating limitations to the incredible trajectory that our STEM programs could realize. The building is dated, uninspiring, and prohibits programmatic growth and evolution.

Our Vision

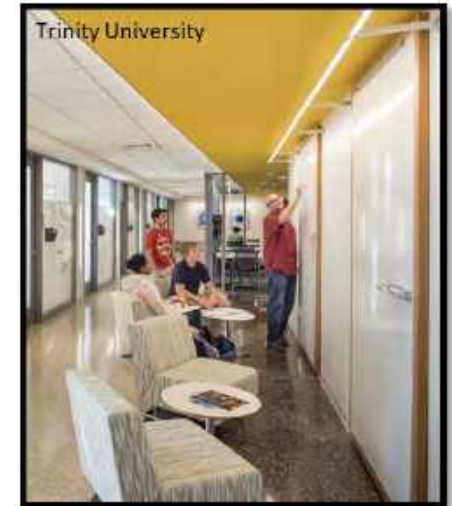
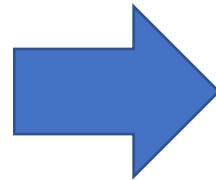
We see the opportunity for a significant 'wow' effect with a facility that creates a new identity for the School, enables programmatic expansion consistent with STEM profession demands, and will attract/retain high quality faculty and students.



Current Molecular
Biology
Faculty/Student
Research Lab

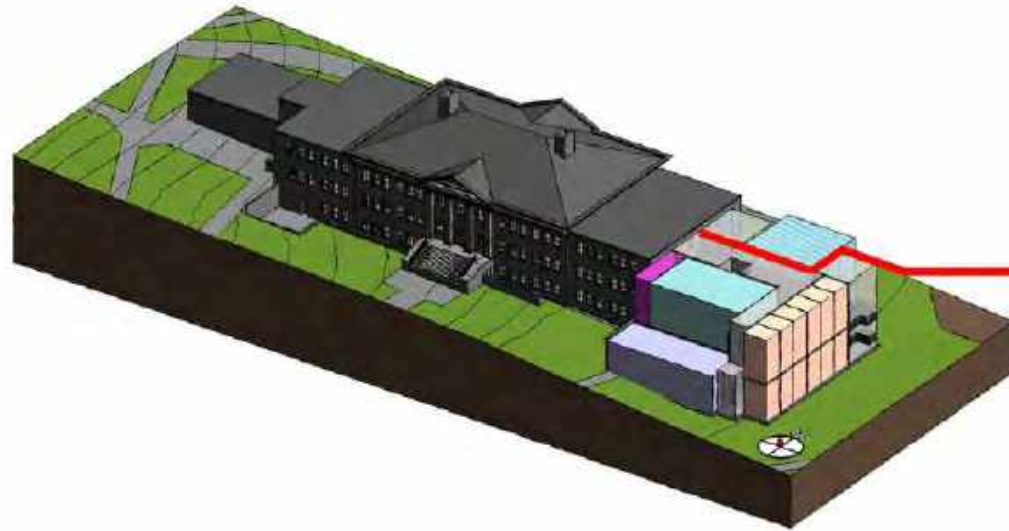


Current Student
Work/Collaborative
Space



Examples of our vision for the future

Coad Expansion Concept



Phase 2
Demarcation line
Phase 1



Project Sketch, Scope and Timeline

COAD Science Building – 1964
50,100 Square Feet



Expansion Scope:

- 10,000 square feet
- \$4.1 million or \$410 per square foot
- \$2.1 million Donor Funded from Forward Campaign
- \$2.0 million from Capital Grant
- project at risk without Capital Grant funding.

Estimated Timeline:

- Summer 2021 Hire Architect
- Fall 2021 Complete Project Design
- Fall 2021 Finalize Cost Estimates
- Spring 2022 Finalize Bidding Process and award contracts
- Summer 2022 Begin Construction
- Summer 2023 Project Complete

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