Administrative and Staff Assembly

November 14, 2025

AGENDA

Introduction

Message from the Dean

AI Presentation

Medical Library Renovation

Sim Center

Raffles

Committee

Message from the Dean

Juan C. Cendan, M.D.
Senior Vice President of Health Affairs and Dean of the Herbert Wertheim College of Medicine

AI Presentation

Carlos Flores, MSIT, CPP
Associate Vice President of
Operations, Compliance & Systems
Division of Human Resources

Osmel (Ozzy) Delgado, MBA, PharmD, FASHP
Chief Executive Officer HCN
Associate Dean of
Clinical Affairs

Intro Artificial Intelligence

Carlos A. Flores, MSIT, CPP
Associate Vice President of Operations, Compliance &
Systems Division of Human Resources

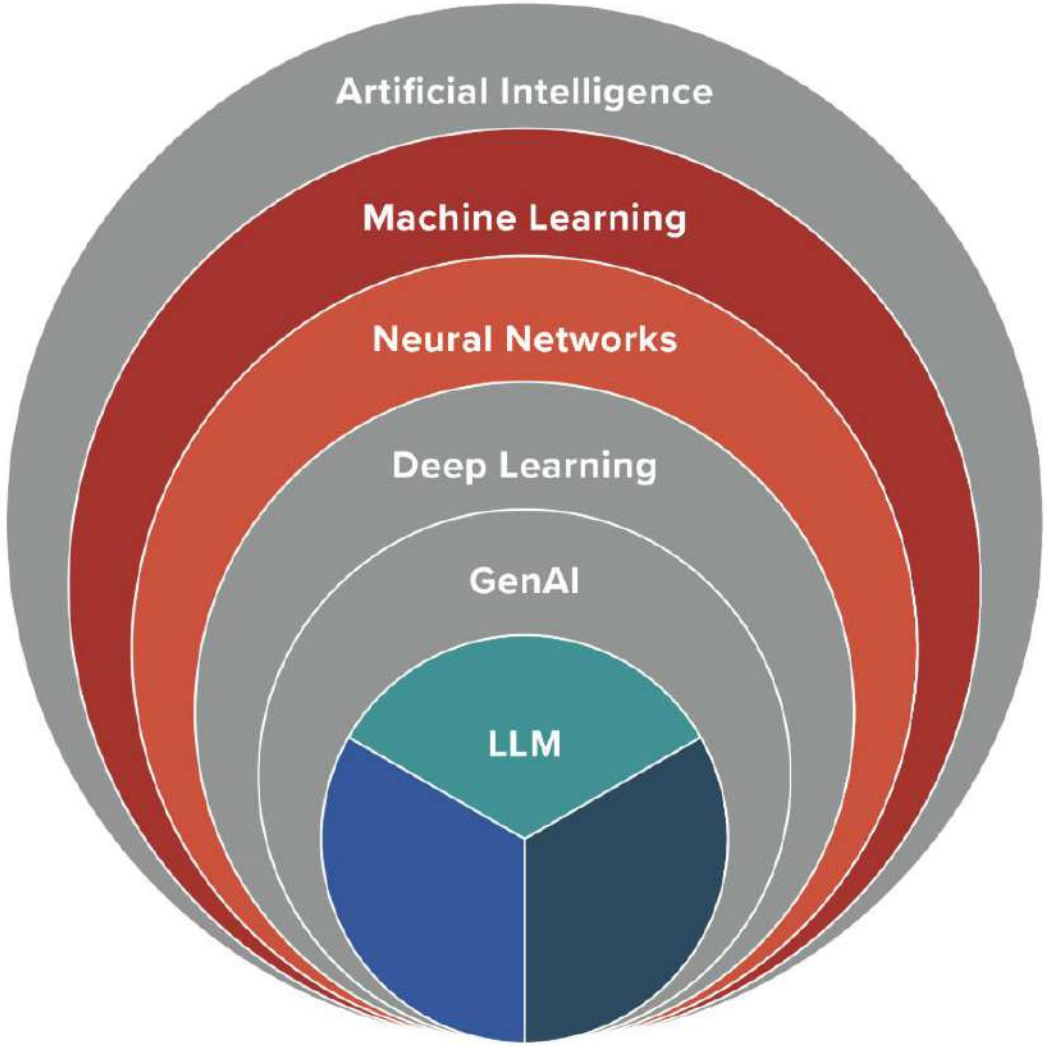
What is AI?

AI is technology that mimics human thinking and learning.

It helps automate tasks, analyze data, and generate content.

Think of it as a smart assistant for your work.

What is AI?


Artificial Intelligence
Machine Learning
Neural Networks
Deep Learning
GenAI
LLM

Definitions

Type	Main Purpose	Key Feature	Examples
Generative AI	Generate new content	Creativity based on learned data	ChatGPT, DALL·E, GPT-4
Agentic AI	Act autonomously to achieve goals	Decision-making & interaction	Self-driving cars, smart assistants
General AI	Human-like general intelligence	Broad, adaptable intelligence	Hypothetical future AI

AI Solutions

Stand Alone	Integrated	Custom
ChatGPT	Google Docs & Gemini	AI Solutions to diagnose symptoms
Perplexity	Office 365 & Copilot	Resume reviewer
Gemini	Applications w/ Embedded AI	Fraud detection
Claude		
Grok		

Inherent AI Risks for Projects - Operations

Risk Category	Description	Impact on Enterprise
Data Quality & Bias	Poor or biased data can lead to inaccurate or unfair AI outputs.	Misguided business decisions, legal risks, reputational damage.
Regulatory & Compliance	AI projects may not comply with data protection laws (e.g., GDPR, CCPA) or industry regulations.	Fines, lawsuits, sanctions, loss of customer trust.
Integration Complexity	AI systems often need to interface with legacy systems, causing technical and operational challenges.	Delays, increased costs, system failures.
Security Vulnerabilities	AI models and data can be targets for cyberattacks (e.g., model theft, data poisoning).	Data breaches, intellectual property loss, operational disruption.
Lack of Explainability	Many AI models (especially deep learning) operate as “black boxes,” limiting transparency.	Difficulties in auditing decisions, regulatory issues, lack of trust.
Talent Shortage	Shortage of skilled AI professionals to develop, deploy, and maintain AI projects.	Project delays, suboptimal solutions, increased costs.
Cost Overruns	AI initiatives can require significant upfront investment with uncertain ROI.	Budget overruns, resource diversion from other priorities.
Ethical and Social Risks	AI decisions impacting customers or employees may raise ethical concerns (e.g., discrimination).	Reputational harm, legal challenges, employee dissatisfaction.
Change Management	Resistance from employees or insufficient training can hinder adoption.	Low user adoption, wasted investments, operational disruption.
Overreliance on AI	Blind trust in AI outputs without human oversight can lead to critical errors.	Poor decision-making, missed risks, compliance breaches.
Scalability Issues	AI models that work in pilot projects may fail to scale effectively across enterprise operations.	Failed rollouts, fragmented systems, inconsistent results.

AI in Healthcare at FIU

A Guide to Plan for Safe & Smart AI Implementation

AI for Health Affairs Subcommittee

Chair:

1. **Osmel "Ozzie" Delgado**, MBA, PharmD, FASHP, Associate Dean for Clinical Affairs, Department of Clinical Affairs

Members:

1. **Jorge Vales**, Dean, Clinical Professor & Fellow, Nicole Wertheim College of Nursing and Health Sciences
2. **Stephen Black**, Ph.D., Professor (Tenured), Associate Dean for Research, Chair, Department of Cellular and Molecular Medicine, Director, FIU, Center for Translational Science, Associate Vice President for Translational Research
3. **Xuexia Wang**, Professor, Department of Biostatistics, Robert Stempel College of Public Health & Social Work
4. **Rebecca L. Toonkel**, M.D., Associate Professor, Senior Associate Dean for Academic Affairs, Department of Medical Education
5. **Edgar Vieira**, Associate Dean of Research, FIU Nicole Wertheim College of Nursing and Health Sciences
6. **Byomkesh Talukder**, Assistant Professor, Department of Global Health, Robert Stempel College of Public Health & Social Work
7. **Eliana Guzman**, Assistant Director, Division of Student Affairs

Strategic Development Process

- **Internal Brainstorming:** Kicked off with a comprehensive brainstorming session among committee members to define scope and vision.
- **FIU Landscape Review:** Conducted a thorough review of existing AI-in-health initiatives across all FIU departments and centers.
- **Peer Benchmarking:** Analyzed AI in healthcare initiatives from fellow R1 (Tier 1 Research) universities to identify best practices.
- **National Alignment:** Reviewed current U.S. government priorities and directives for artificial intelligence in medicine and public health.
- **Strategic Vision:** Aligned the framework with FIU's core strategic goals, including sustainability, resilience, and community impact.

Purpose: What Are We Building?

A Unified Playbook

We're creating one set of rules for all AI in health projects. This guide helps us safely test, grow, and use new AI ideas.

The "AI Health Studio"

Think of this as an expert help-desk. It will support our teams and partners (like hospitals) in using AI responsibly.

The Main Goal

To improve health in our community, train a skilled workforce, and make sure our AI projects have a positive, real-world impact.

How FIU Will Use AI

In Education

FIU will create new classes and short courses (micro-credentials) to teach students and doctors how to use AI and understand its limits.

In Research

FIU will fund new ideas, build shared databases for scientists, and partner with industry to discover the next big breakthrough.

In Clinical Care

FIU will partner with hospitals to run 90-day "sprint pilots" to quickly test if an AI tool can help doctors and patients in a real clinic.

Inside the "AI Health Studio"

An Expert Service Center

This is our central team that helps anyone at FIU (or our partners) with an AI idea. They provide end-to-end help, from the first idea to the final product.

What They Do

They help with planning, getting data ready, building the AI model, checking for fairness, and even help design training programs for staff.

FIU’s "Rules of the Road"

- **Quality Checkpoints:** Projects must pass tests for accuracy (is it right?) and fairness (does it work for everyone?) before moving on.
- **A Single Front Door:** All new AI ideas come through one main "front door" (the Studio) so we can track everything and avoid repeating work.
- **Don't Reinvent the Wheel:** We will create a library of checklists, code, and templates so new projects can start faster.
- **Everyone Learns:** Every new project will also be a training opportunity for our students, researchers, and doctors.

What This Looks Like in Practice

Example: Drug Discovery / Real World Simulation

We can use AI to create 'digital twin' populations. This lets us emulate target trials to pressure-test protocols before committing to large scale studies.

Example: AI for Genetic Data

Developing AI tools that can read complex genetic data to help doctors find disease risks. We will make sure these tools are tested and work fairly for people from all backgrounds.

Medical Library Renovation

Luda Dolinsky, MLIS, MS, AHIP-D

Director, Medical Library

&

Jose A. Rodrigez, RA

Director Facilities Planning and Operations

MED

LIBRARY

Envisioning a Library's new design in response to students' needs

Presenters:

Luda Dolinsky, MLIS, MS, AHIP-D
Director, Medical Library

Jose A. Rodriguez, RA
Director, Facilities Planning & Operations

November 14, 2025

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LIBRARY

Envisioning a Library's new design in response to students' needs

November 14, 2025

FIU Herbert Wertheim College of Medicine
Florida International University

History

- Opened August 2009
- Inaugural class: 43 MD students
- Limited footprint: 5,483 Net Sq Ft
- Lacked essential modern features
- Dated austere aesthetic
- Product of repurposed assets from AHC2 and makeshift solutions
- Lounge lacked running water, relying on bottled water

Survey Results:

Listening to our Students

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Starting in 2010, surveys indicated **satisfaction** with Library Services, but also **deep dissatisfaction** with the facility's lack of amenities:

ENVIRONMENT

- More natural light
- Vibrant colors
- Designated zones for "absolute silence"

FLEXIBLE STUDY

- High demand for variety of seating types
- Plentiful whiteboards / glassboards
- Dedicated group study rooms

MODERN AMMENITIES

- Space for coffee makers, microwave to heat food
- Dedicated room for mediation, napping & relaxation

Fajardo F., Roth R., Dolinsky L. What Medical Students Want: A Library Survey of the First Ten Classes of a New College of Medicine. Med Ref Serv Q. 2021 Jul-Sep; 40(3): 249-260

Introduction

The original plan of the Medical Library was an assembly of tables, chairs, and secondhand workstations – repurposed from an FP&L Call Center which was originally on the 6th floor of AHC2.

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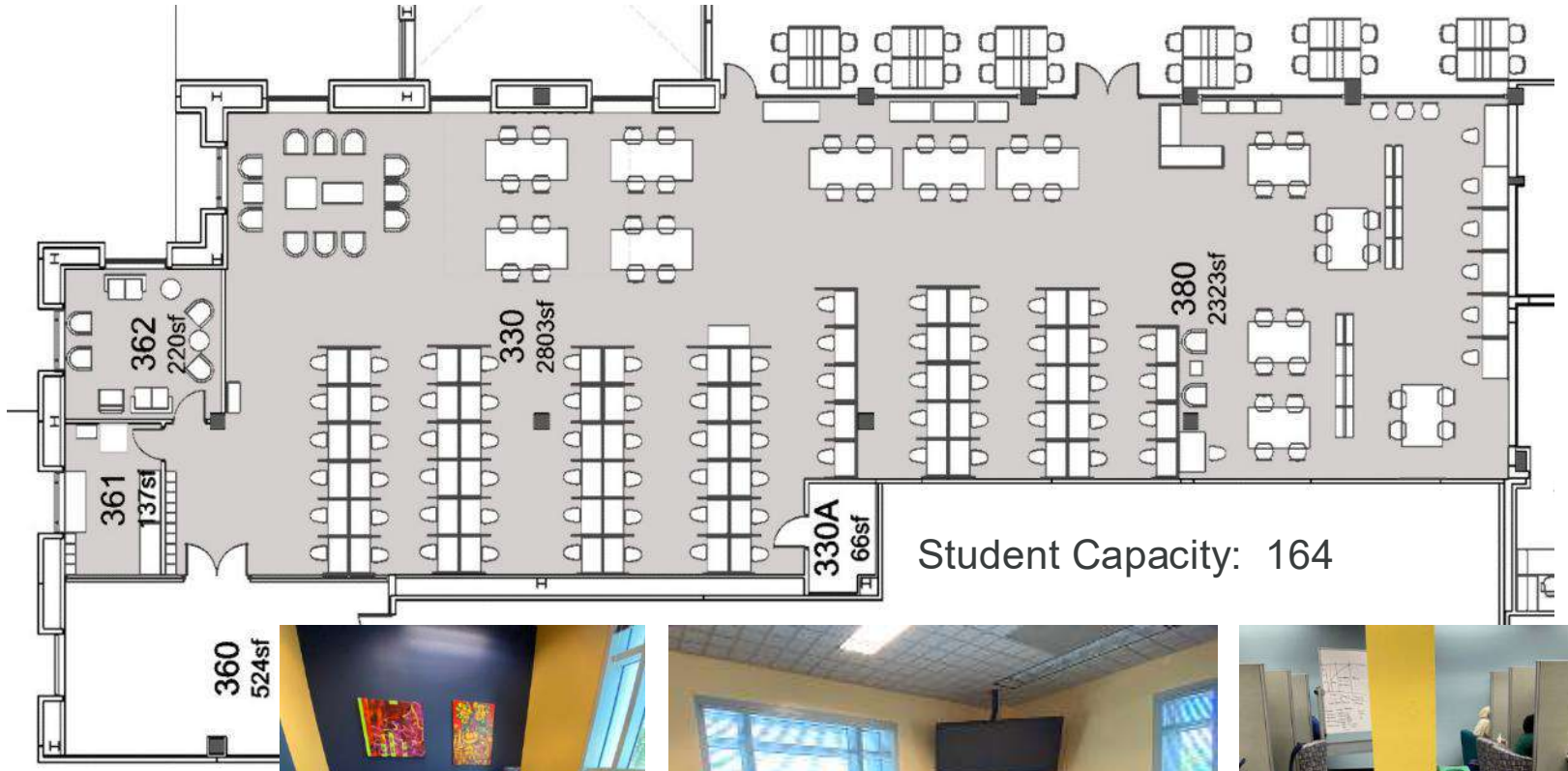
The way it was



Student Capacity: 164

Precedents

The design objective for the remodeling of the MED Library sought to create dynamism where once was a drab, undifferentiated space; to make it vibrant, comfortable, responsive to multiple learning preferences.

Its new design sought to provide a variety of functional accommodations responsive to different learning styles and needs.

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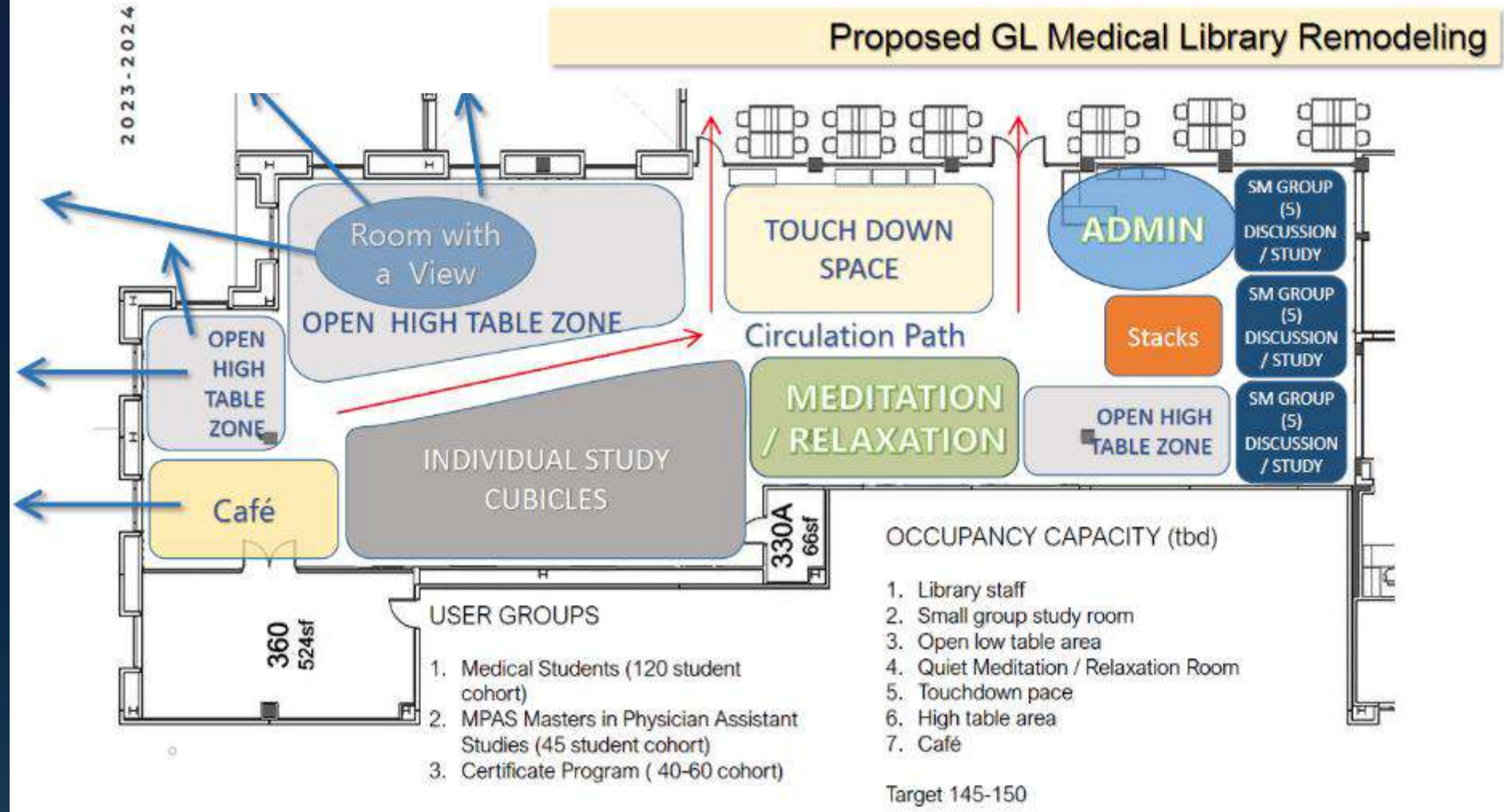
Planning

In late 2023, various planning exercises and options were developed by HWCOM's Facilities Planning & Operations Department.

A variant drafted in January of 2024 became the progenitor of the executed plan.



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Solutions

Planning began with the recognition that we are all different learners. One universal environment can never satisfy all needs.

To this end, the new design provides six distinct zones and accommodations, with a variety of furniture and arrangements tailored to varying study styles.

With a seating capacity of 154, the design provides a significantly improved variety of accommodations.









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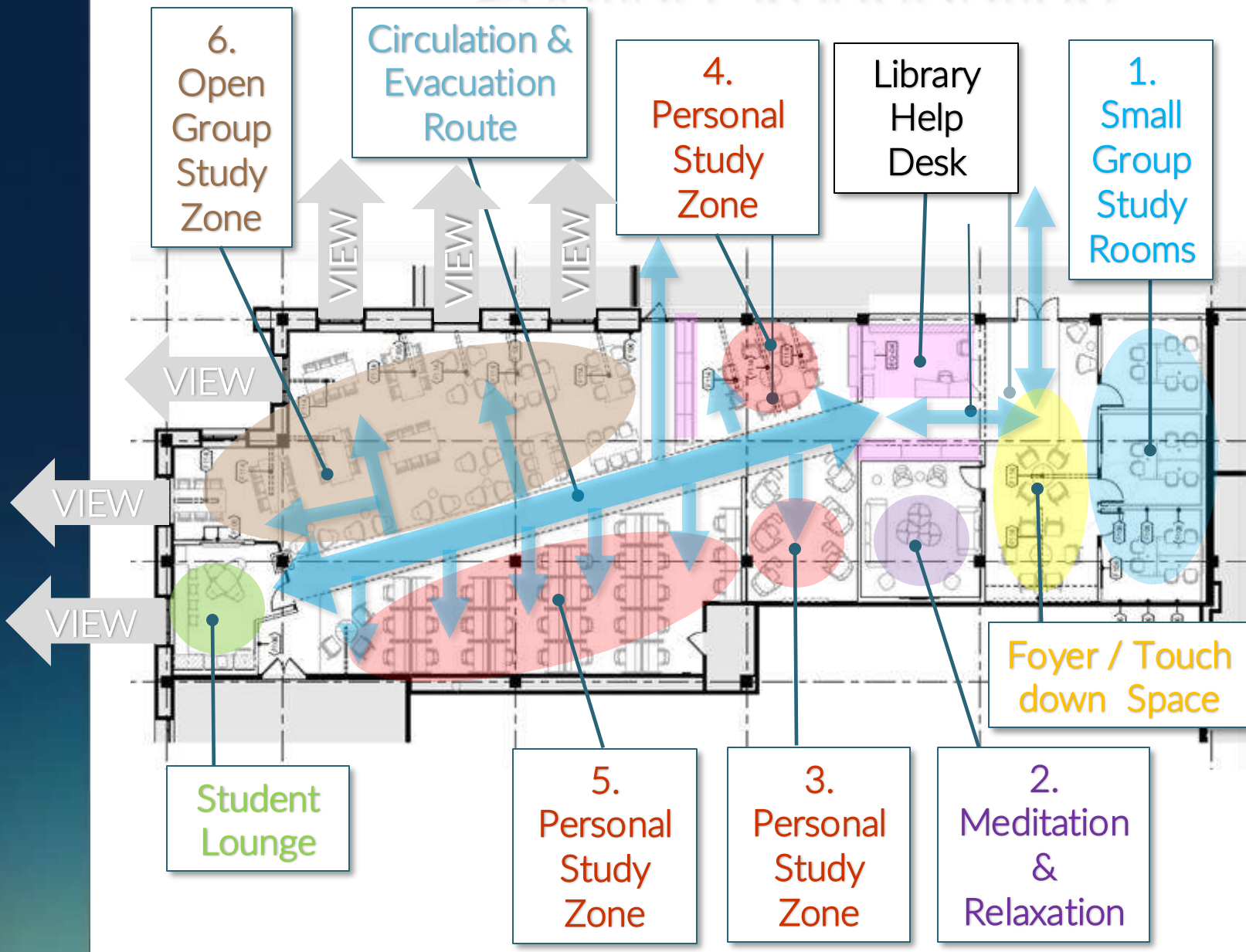
Spatial Organization

Architectural design, by its very nature, is an iterative process.

It involves a deliberative visioning exercise where the functions and hierarchical organization of activities are aligned within an overarching spatial concept.

That concept is created in the mind's eye, in response to functional needs, flows, circulation, activities and functions of a medical library.



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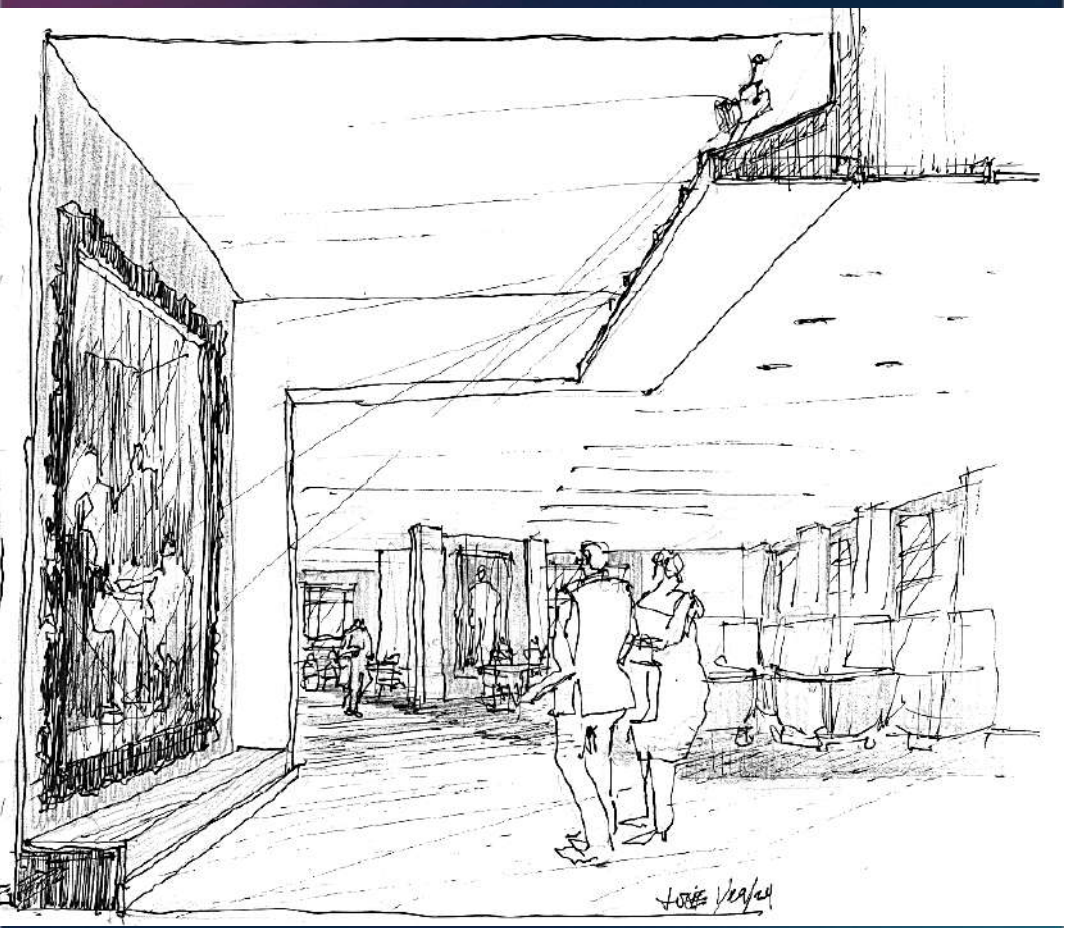
Conceptual Narrative



EARLY ROUGH SKETCH OF LIBRARY INTERIORS

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- Entry Foyer – First Impression / home to founding faculty portrait
- Library Help Desk – nerve center of library
- Circulation Spine – cuts through the library, visually reinforcing the differing spaces within the library and defines means of egress. Carpet zones of harmonizing patterns and colors highlight reading and study zones.
- Study Areas differentiated by furniture types
  - Study Rooms for groups up to six are provide 5 glass boards & display monitor
  - Study Cubicles provide for focused individual study.
  - Reading Hall outfitted with group tables of six students each, at standard sitting height and at stool height, allowing for views to the exterior and for those students who may wish to stand up and work on their laptops.
  - Student Lounge is equipped with refrigerator, microwave oven, coffeemaker, sink, and the novelty of running water accommodating eight on tall stools and a small table.
- Natural light floods in from the north and east, with views to the lake facing the Green Library.
- LED lighting enhances the crispness of the simple palette of colors used as the HWCOM “trademark”.

MED

LIBRARY

First impression: the Foyer

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Office of Finance and Administration
Facilities Planning & Operations

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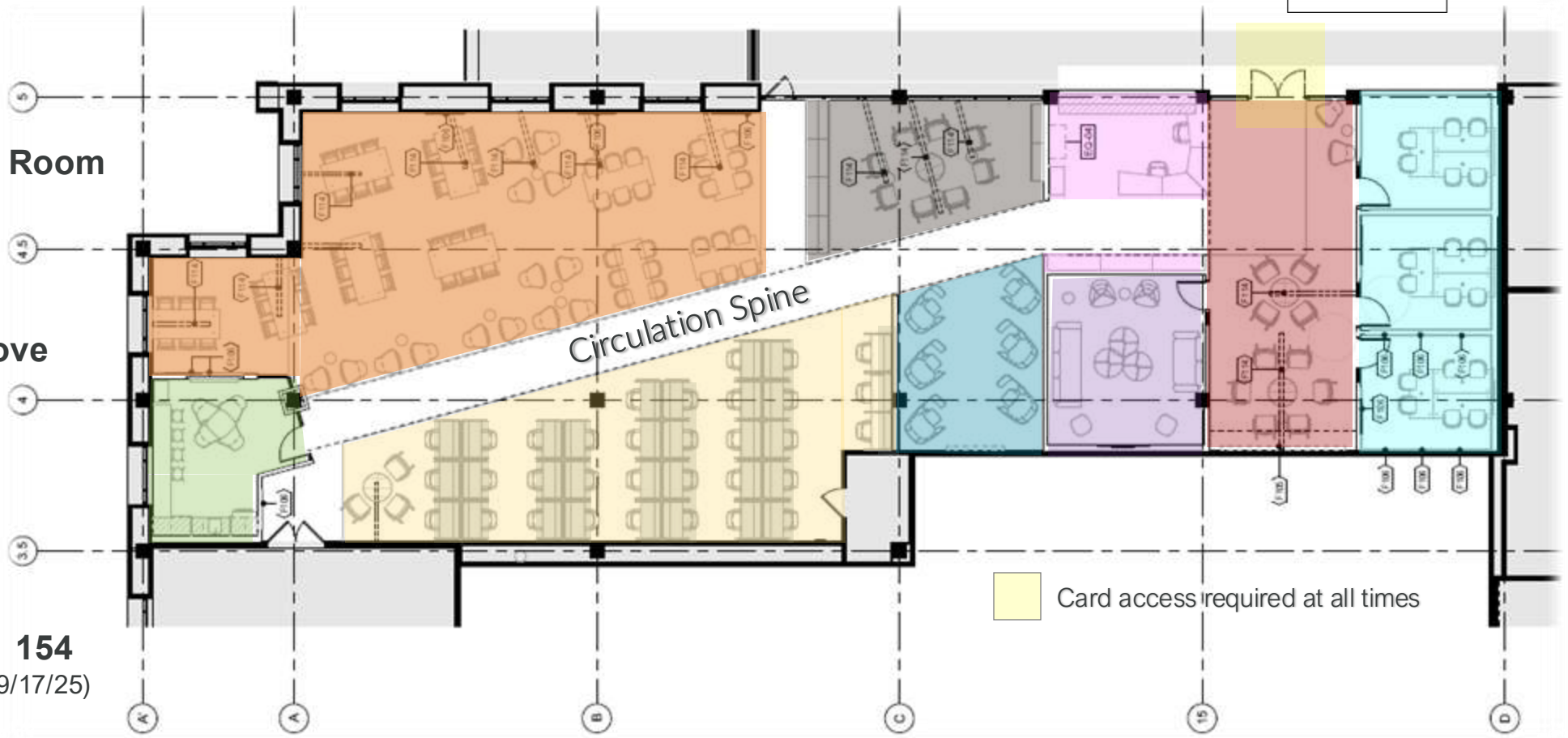
Facilities: Library Remodeling

GL Medical Library

SEATING CAP.	
5	Library Lobby
18	Small group Study Room
15	Meditation Room
2	Library Help Desk
8	Rocking Chair Alcove
6	Study Alcove
66	Reading Hall
32	Study Carrels
8	Lounge

Student Capacity: 154

(revised 9/17/25)



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MED LIBRARY

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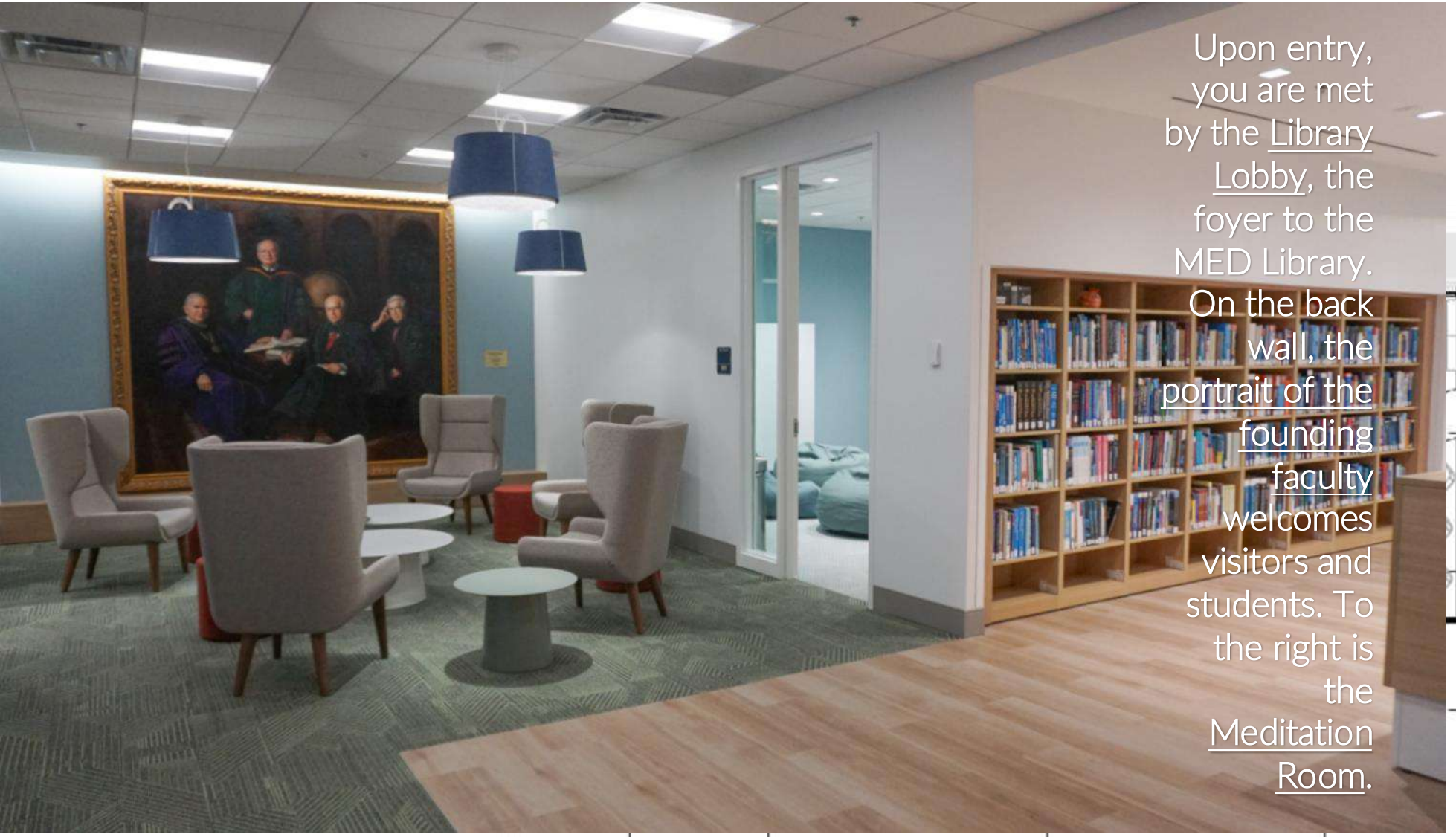
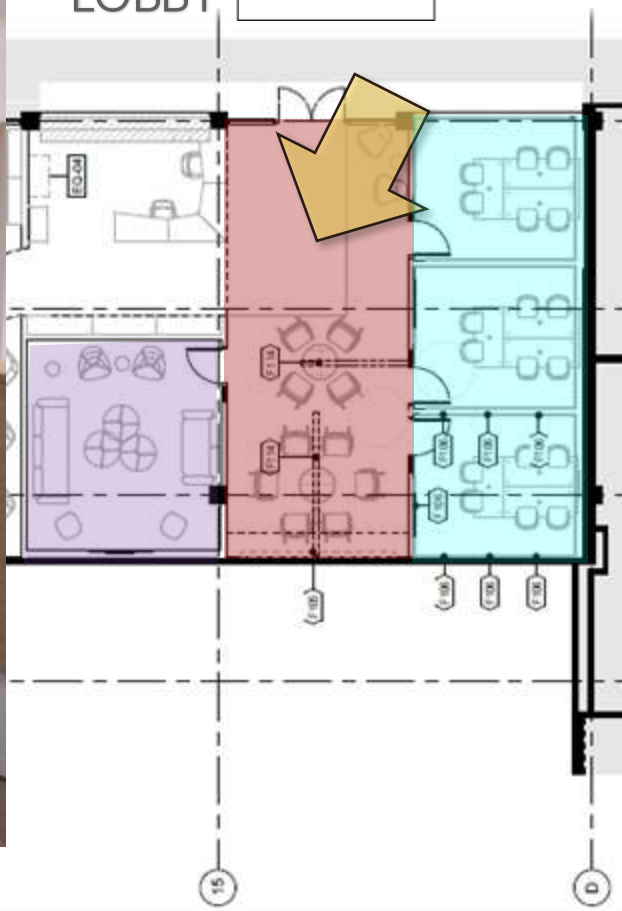


Upon entry, you are met by the Library Lobby, the foyer to the MED Library. On the back wall, the portrait of the founding faculty welcomes visitors and students. To the right is the Meditation Room.

LIBRARY LOBBY



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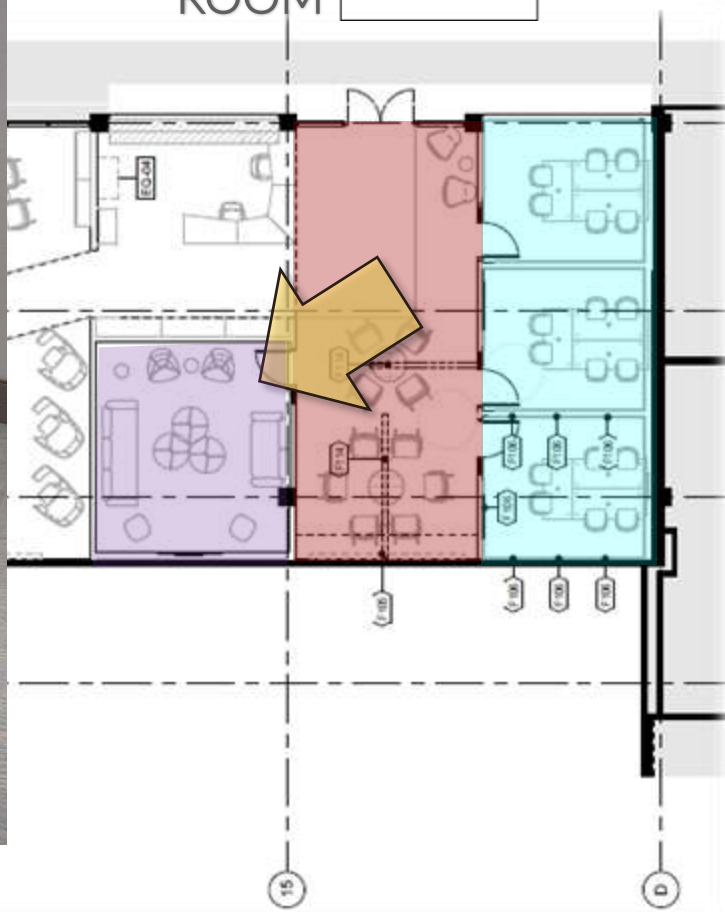
MEDITATION ROOM

The Meditation Room offers a respite zone for meditation or simple relaxation...



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GROUP STUDY ROOM

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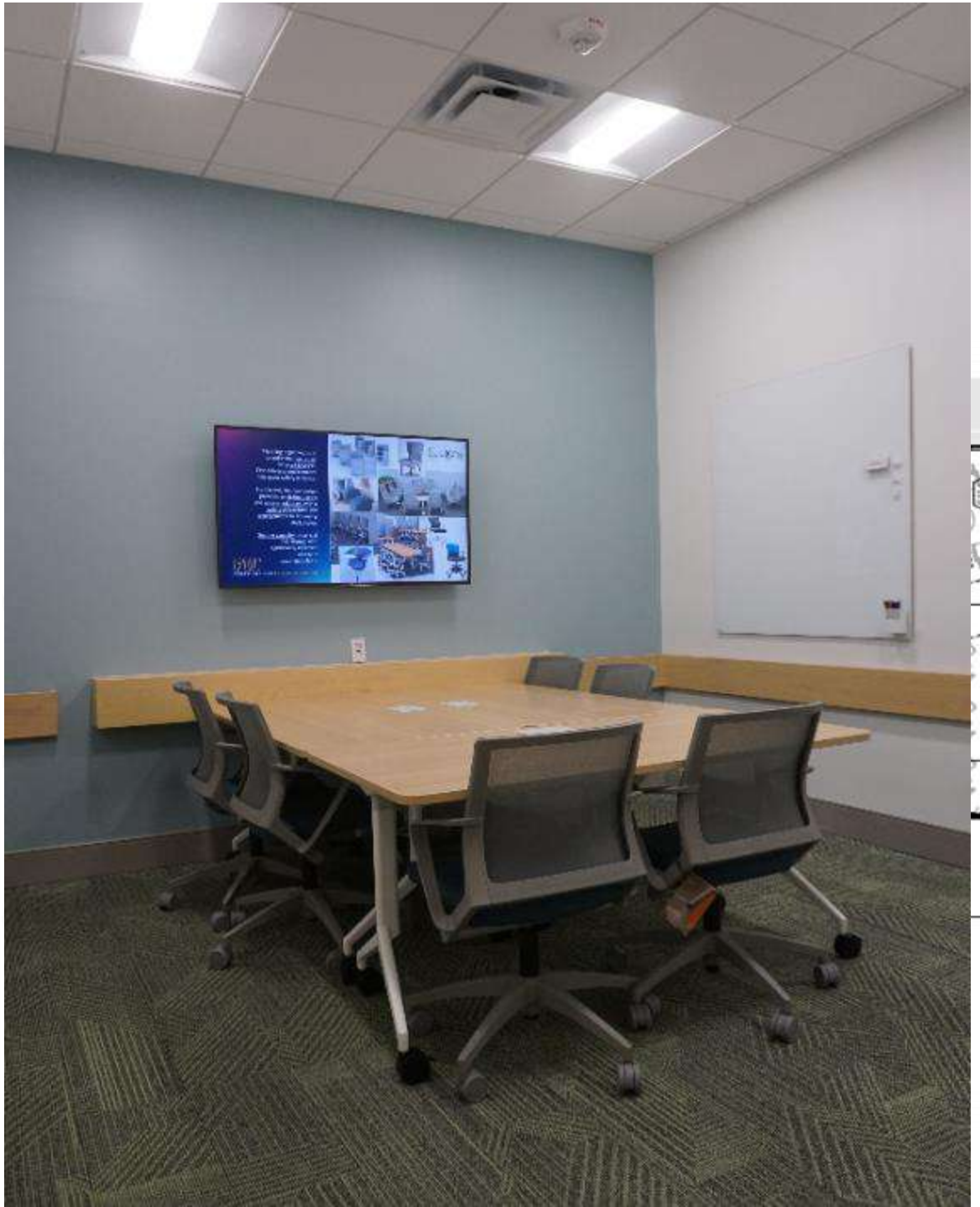
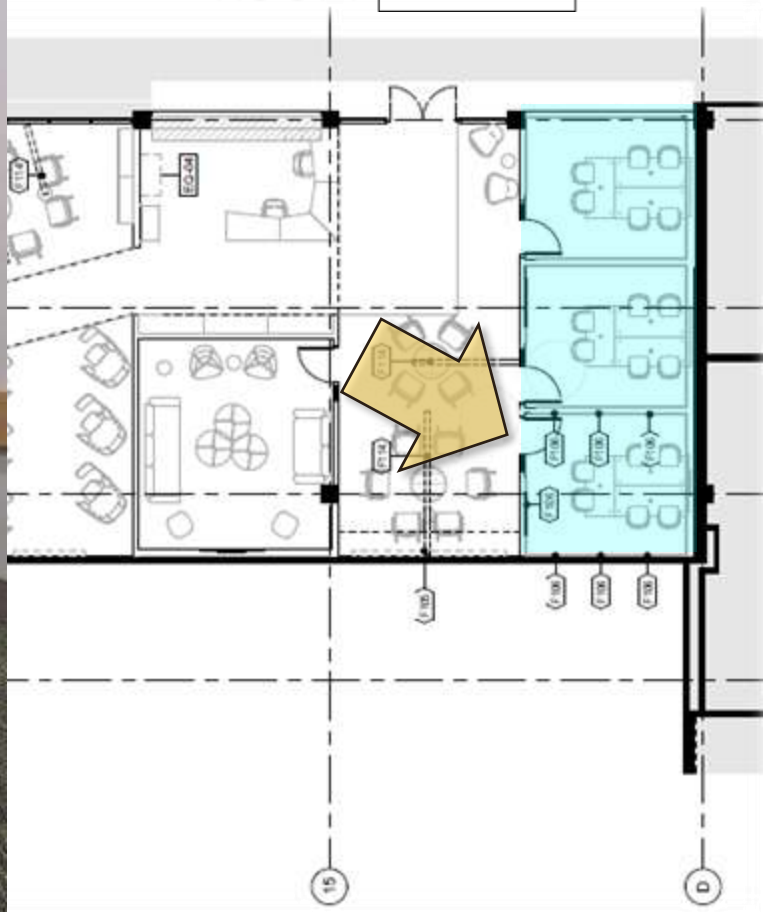
Three small group study rooms with capacity for six offer privacy, flexible table configurations, and tabletop power outlets. Each room is equipped with a display monitor. Five glass boards are useful for diagramming or note taking during discussions. Chair rails protect walls from accidental scuffs.





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LIBRARY HELP DESK

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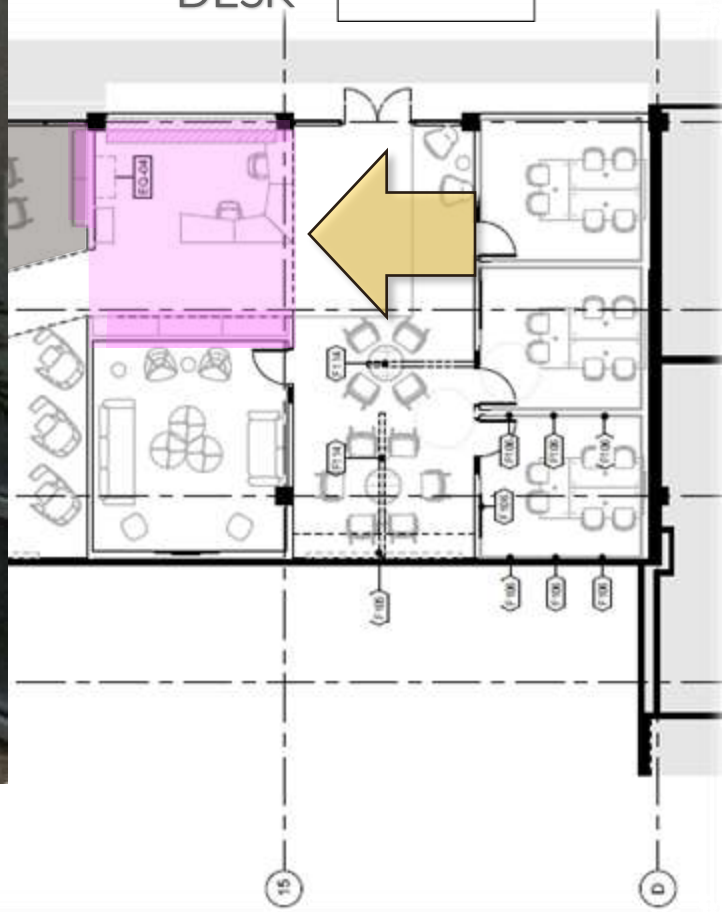

The Library Help Desk area marks the transition from foyer to Library, providing a setting for staff and books at a crucial juncture.

MED LIBRARY

ROCKING CHAIR ALCOVE

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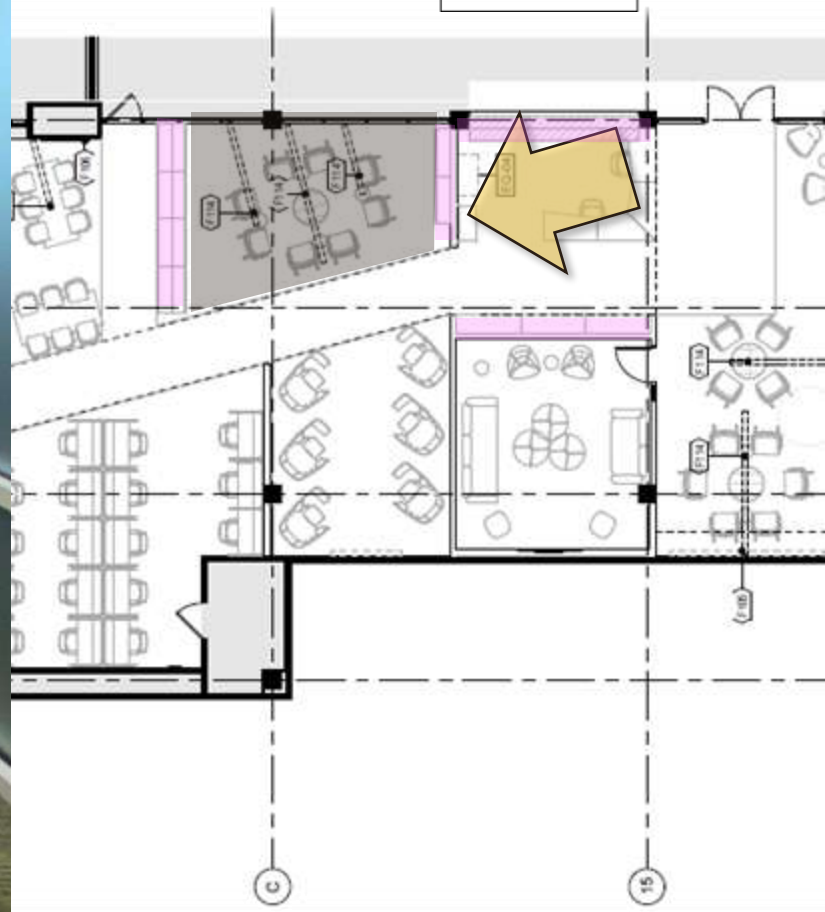
ROCKING CHAIRS serve as a venue for relaxation, a break, or to engage in casual conversation.



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STUDY ALCOVE

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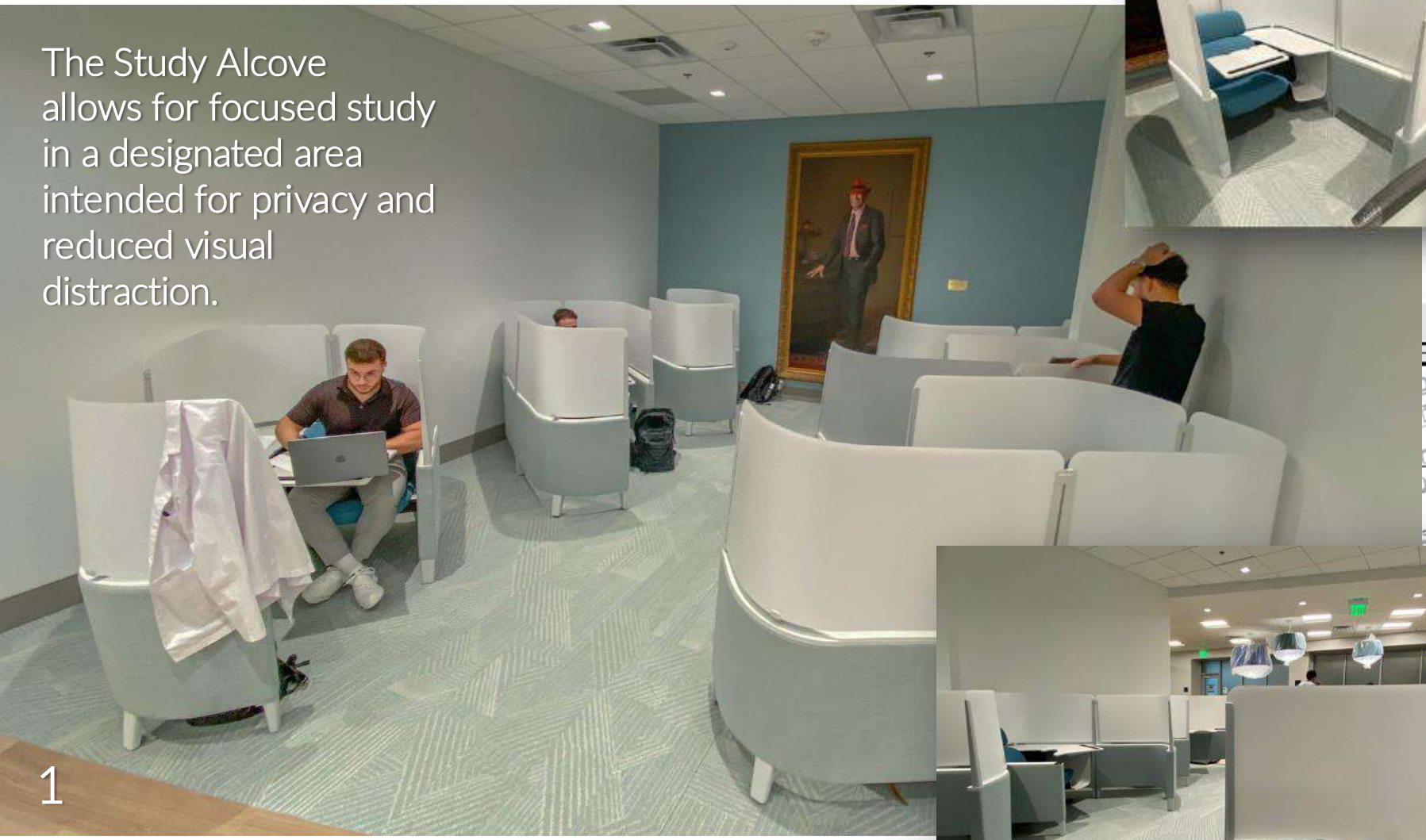
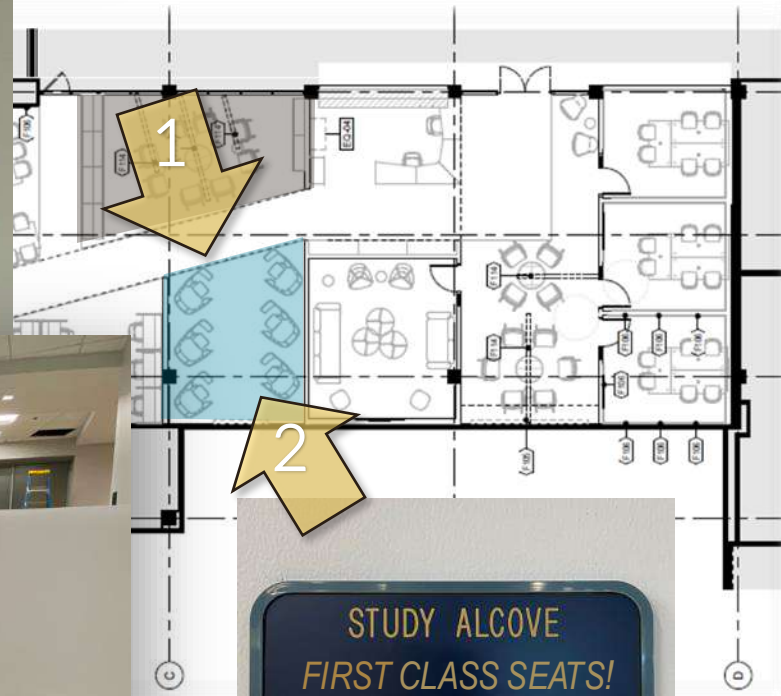
The Study Alcove allows for focused study in a designated area intended for privacy and reduced visual distraction.





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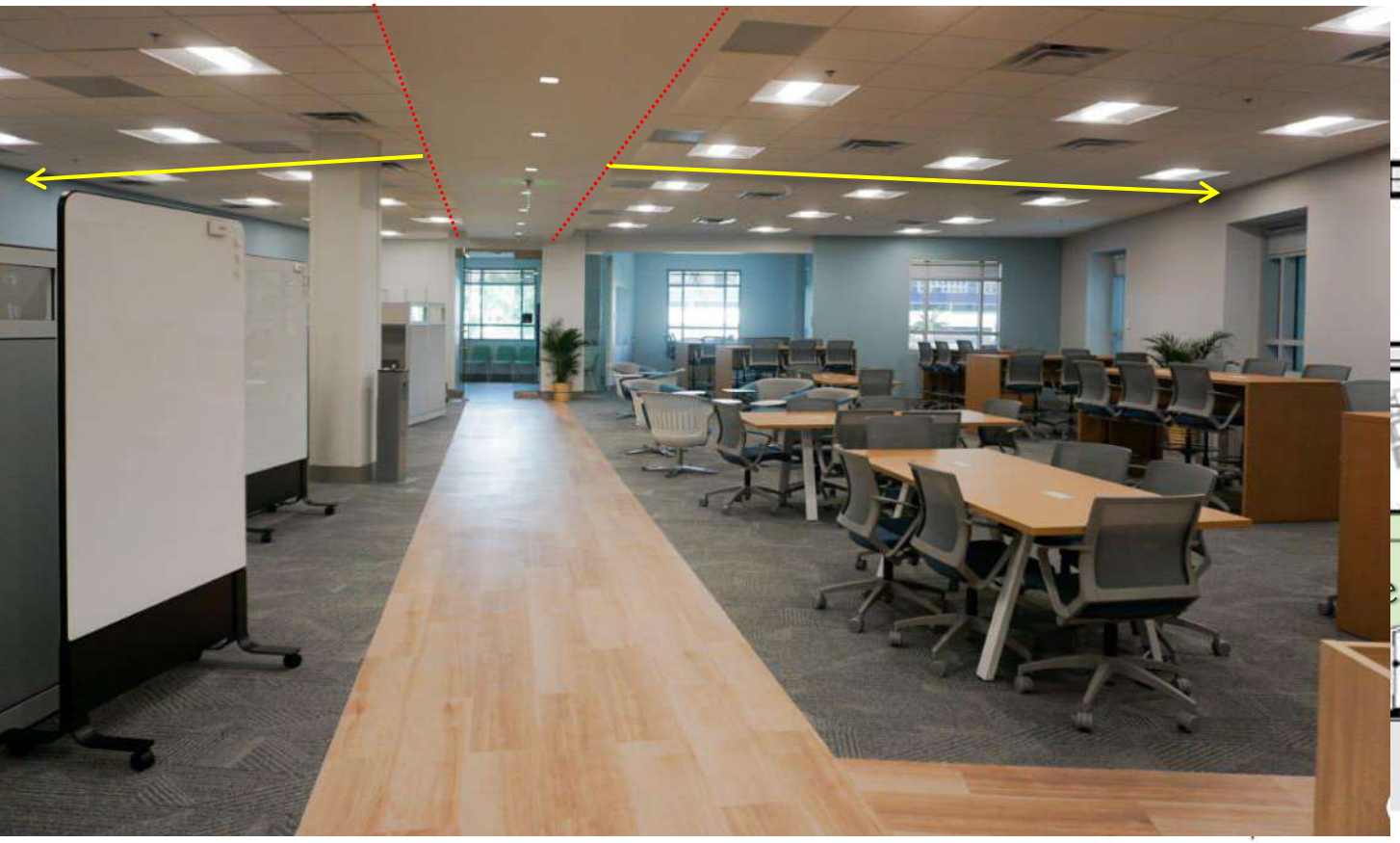
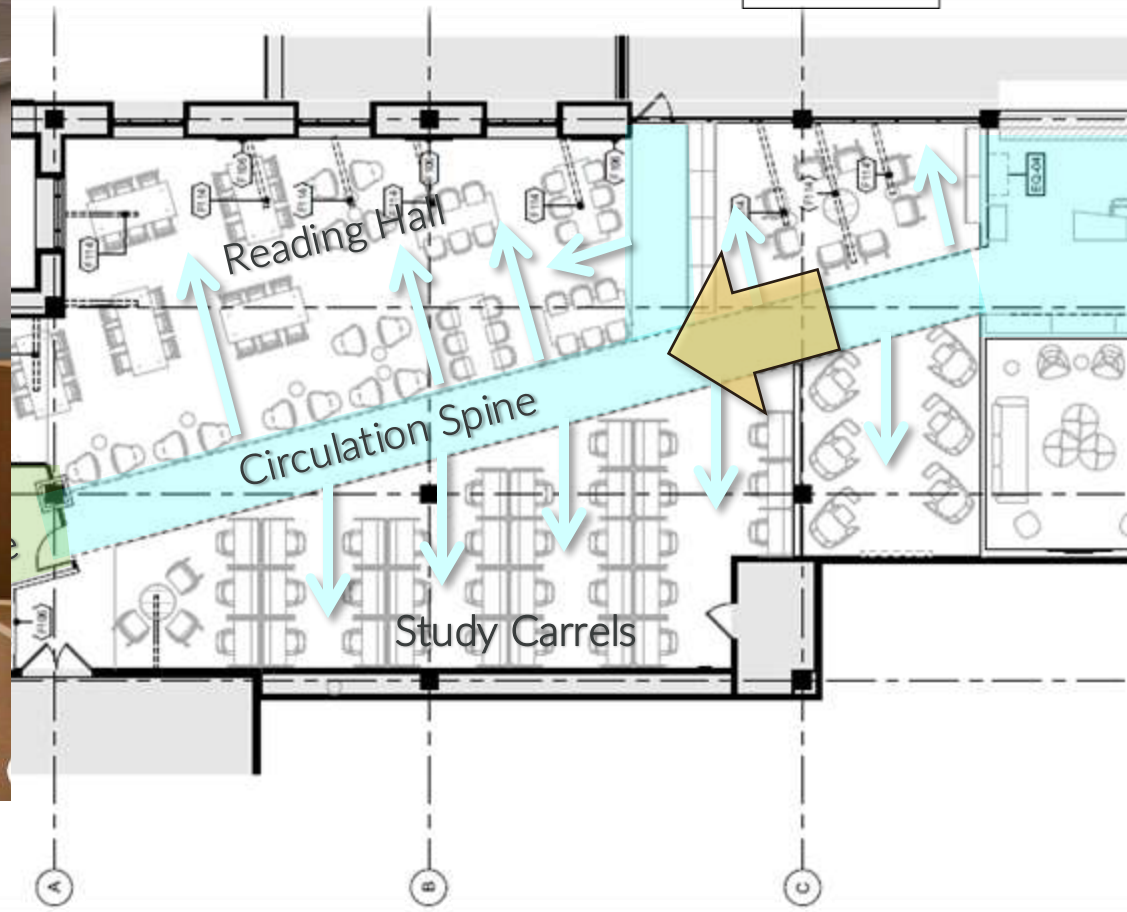
The overhead ceiling above the circulation spine cuts a diagonal through the MED Library, visually defining the means of egress.

The ceiling grid & lighting orientations shift, as if split apart by the lower ceiling, further defining the two zones.





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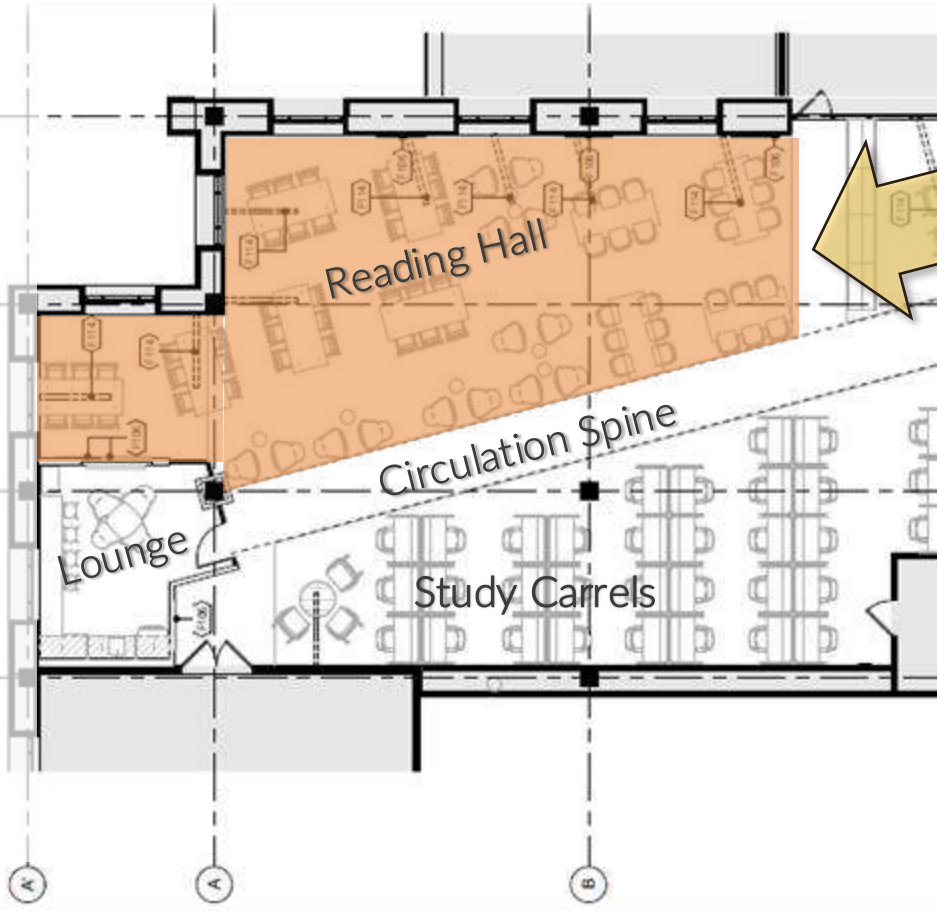
To the right is the **Reading Hall** with **group tables** of six students each, at standard sitting height and at stool height. These are paired to tables facilitating views to the exterior and for those students who may wish to stand up and work on their laptops.

READING HALL



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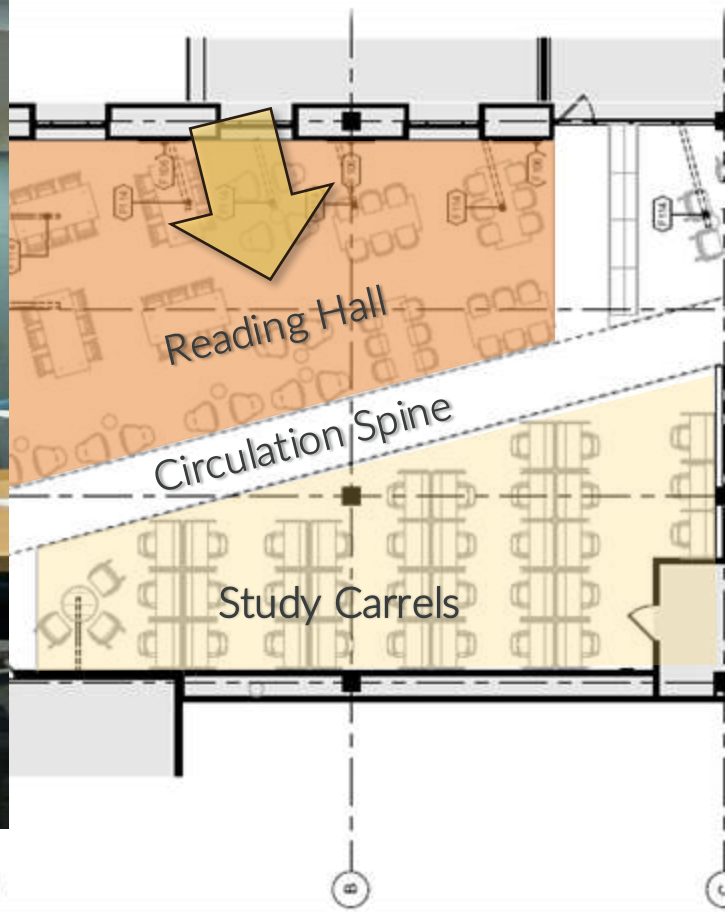
Glass Boards on casters allow students to write notes, share, or assess and resolve challenges.

READING HALL



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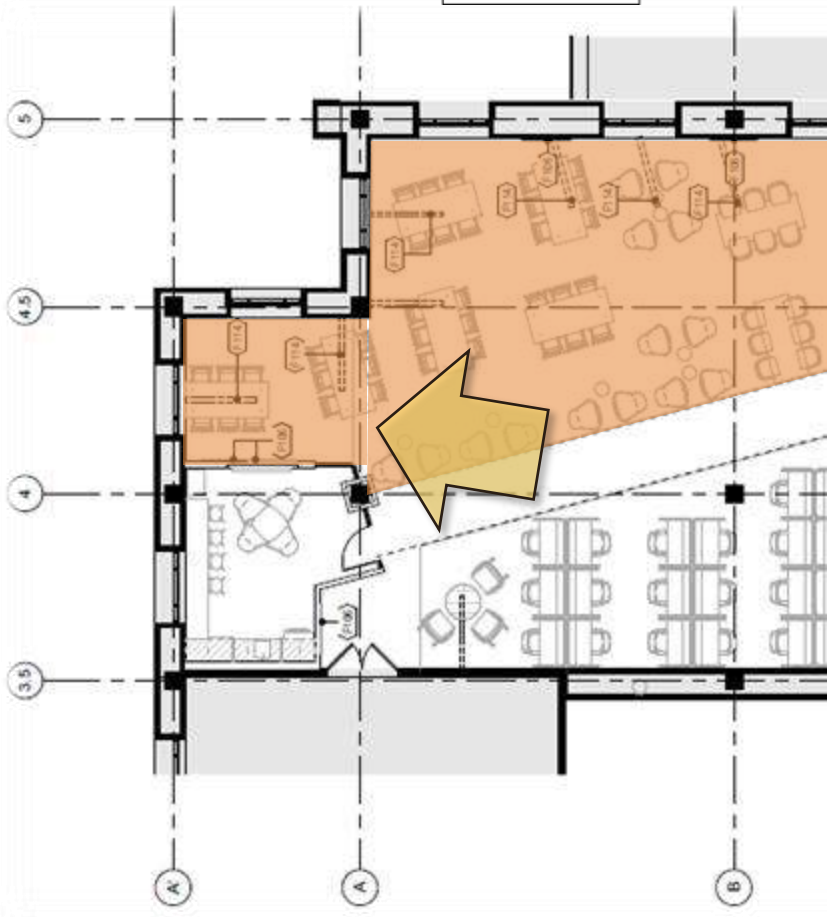
Design intent for the high stool table height was to facilitate <u>views to the exterior</u> and to offer an opportunity for students to work where ample daylight would be available.



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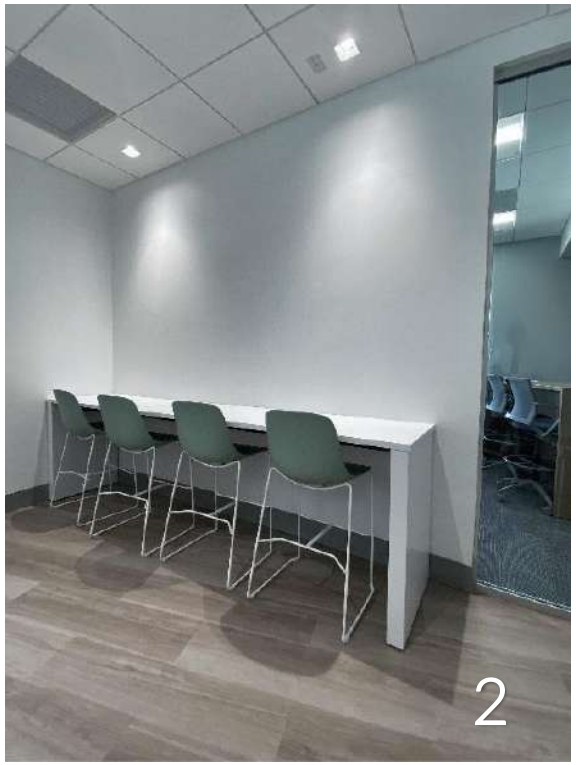
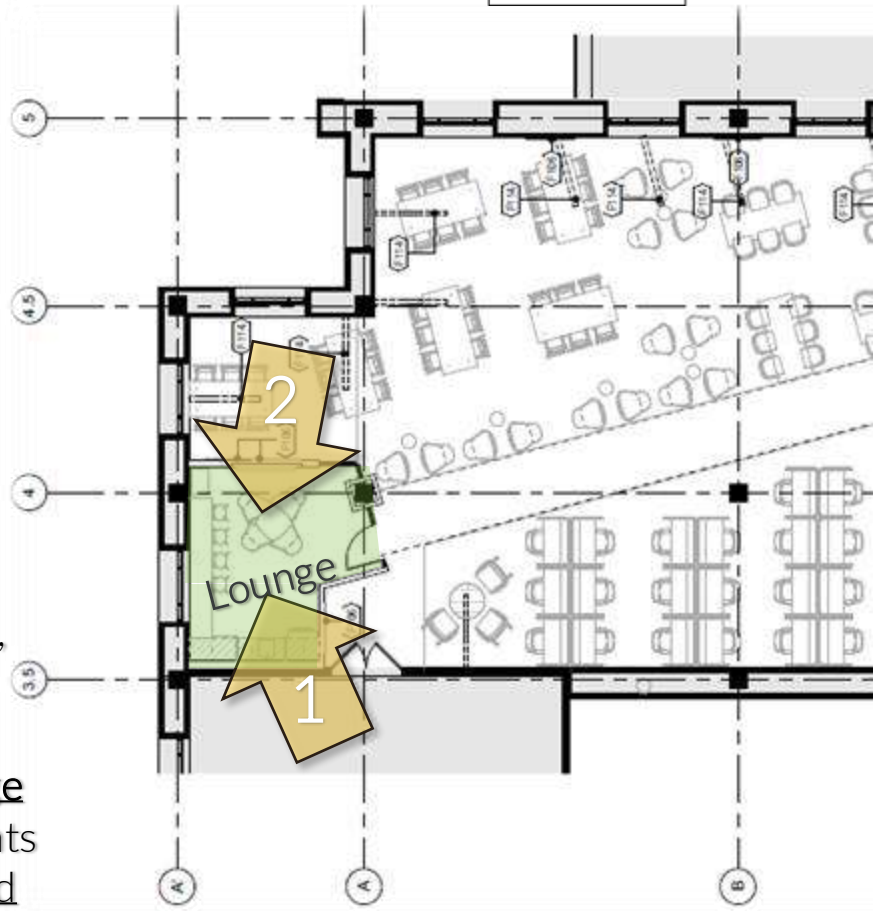
STUDENT LOUNGE



The new **Lounge** at the end of the diagonal cutting through the MED Library provides a respite for coffee, lunch or plain water.
We ask all students to **consume all food, drinks, and coffee in the Lounge** out of consideration of other students and to protect our new furniture and carpeting in the Library.



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The Medical Library as it was originally…

- Daylight limited to 4 windows
- Drab and dated color scheme
- Low lighting levels, a result of grey ceiling tiles and original fluorescent lighting levels

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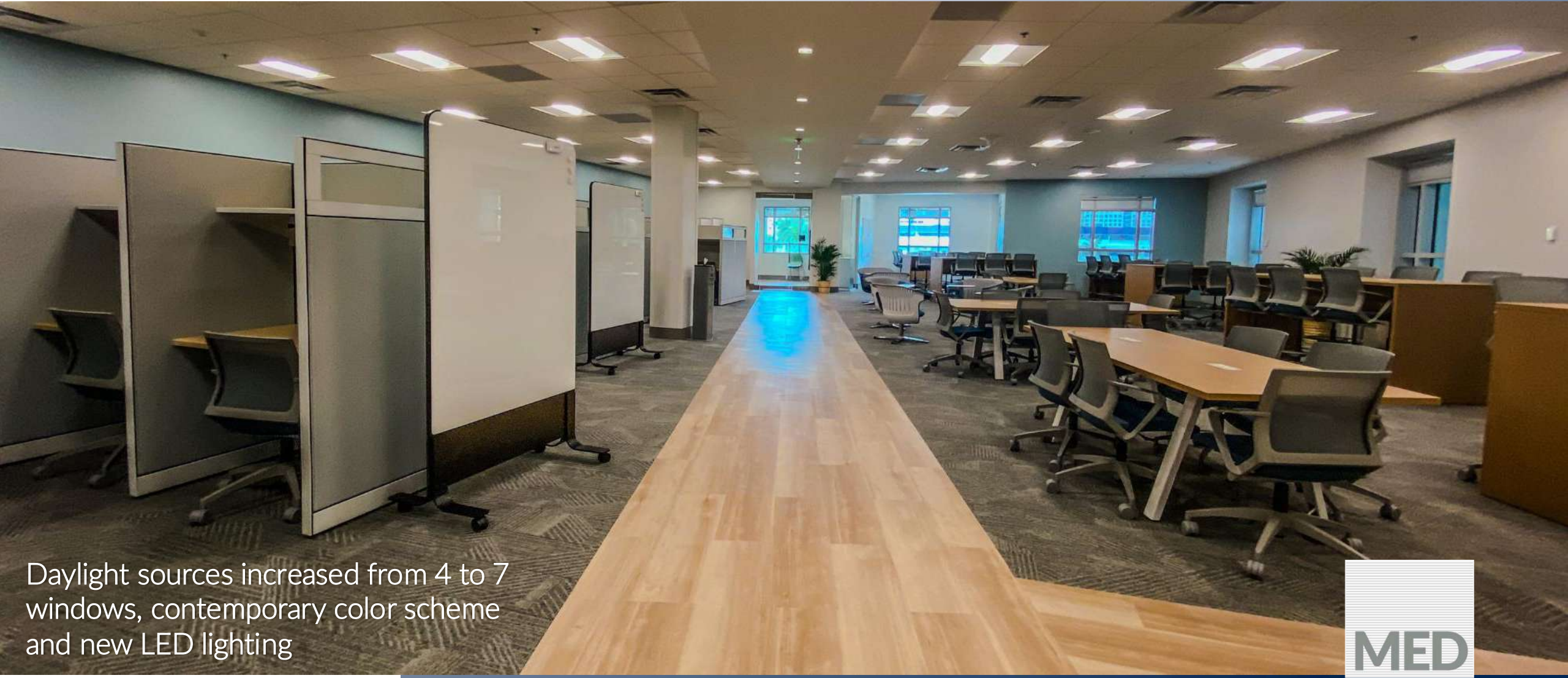

Daylight sources increased from 4 to 7 windows, contemporary color scheme and new LED lighting

We hope the dynamism of the new MED Library will erase the myth:
"the library is too far away for students to use..." and reaffirm that
"if you build it (right)... they will come!"

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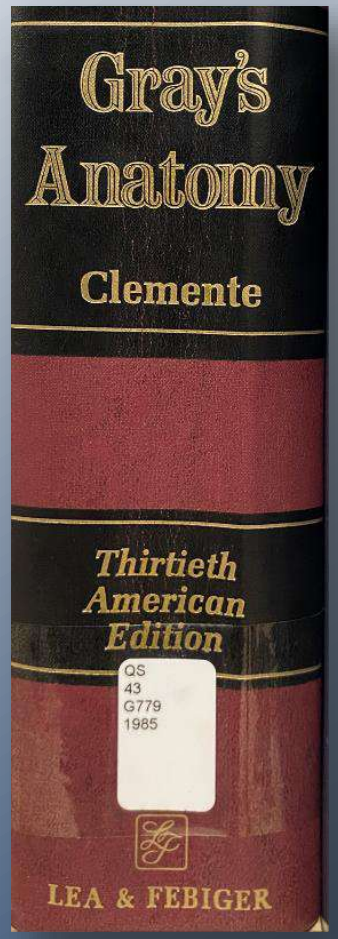
WE WISH TO TAKE THIS OPPORTUNITY TO RECOGNIZE AND COMMEND THE TEAMS AND INDIVIDUALS WHO CONTRIBUTED TO THIS PROJECT'S DESIGN AND CONSTRUCTION:



HOK
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Stephen Burgos

SGM
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Electrical
Plumbing
Engineers
Bobby Shahnami, PE
Manuel Hernandez, PE

STOBS
Construction
Managers
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Freddy Melo
Jorge Melo, Jr

EMPIRE OFFICE INC.
Marc Wooton
Tatiana Pricladnitzki

HWCOM
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Lisardo Ortiz
Project Manager III

FIU FMD
Facilities Construction
Kristine Colunga
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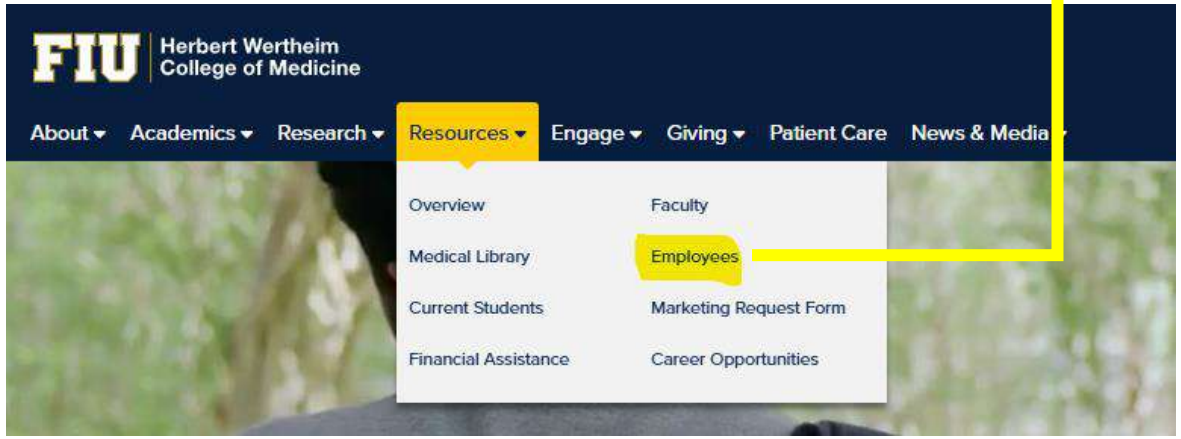
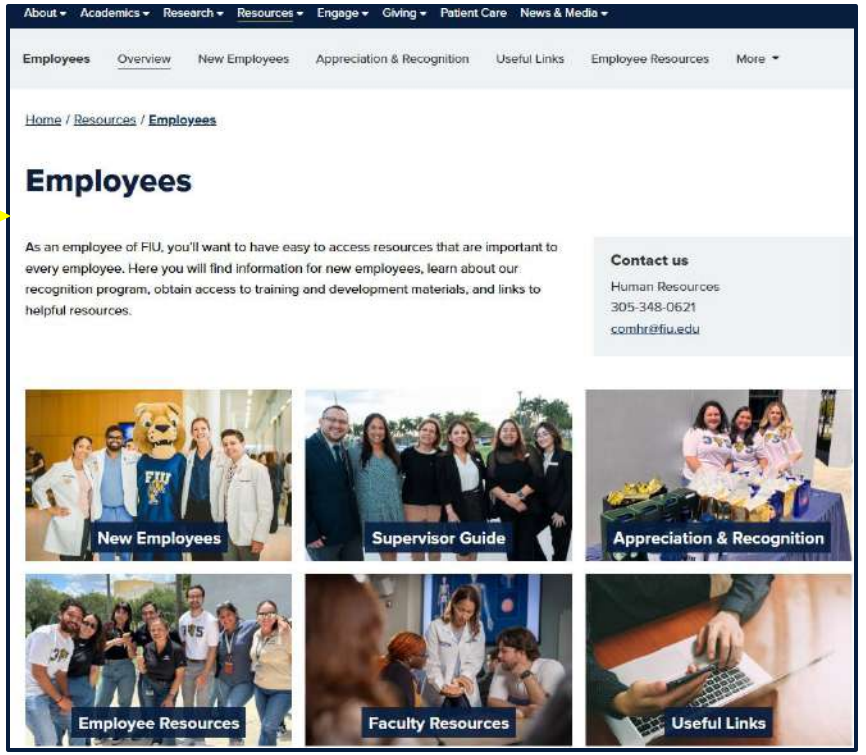
MEDICAL LIBRARY STAFF
Luda Dolinski, MLIS
Director Medical Library
Franciso Fajardo, PhD
Assistant Director

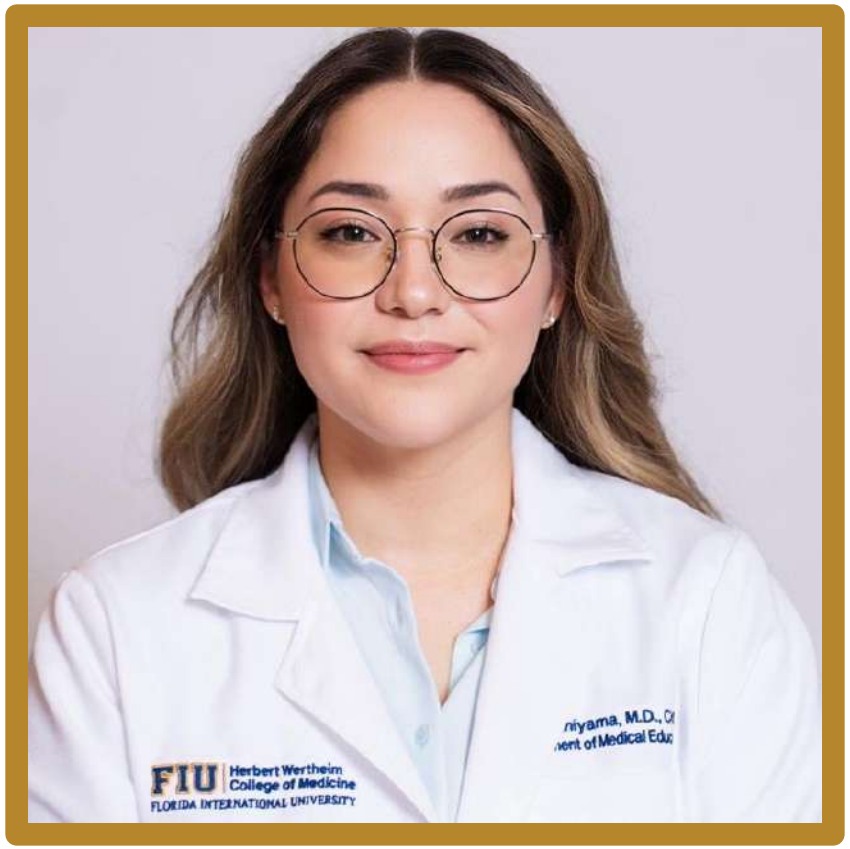
Revamp College of Medicine HR Webpage





SIM Center

Emiri Uchiyama, MD, CHSE
Director of Albert and Debbie Taño Medical Simulation Center.
Assistant Professor,
Department of Medical Education



Albert & Debbie Taño Medical Simulation Center Presentation

Advancing healthcare education through simulation-based education.

FIU
Herbert Wertheim College of Medicine
Albert & Debbie Taño Medical Simulation Center

Presented By:
Sim Center Team

FIU | Herbert Wertheim College of Medicine

Albert & Debbie Taño Medical Simulation Center

About Us

We provide high-impact educational experiences that directly support the college's mission to prepare competent, compassionate, and community-oriented healthcare professionals.

- **600+ sessions annually** across MD, MPAS, GME, internal, and external partners
- **Learners served:** medical students (MS1–MS4), PA students, residents, fellows, faculty, and community affiliates.
- **Impact:** supports curriculum, accreditation, professional development, and learner success across all programs.

Empowering learners and igniting innovation.

Our Mission & Vision

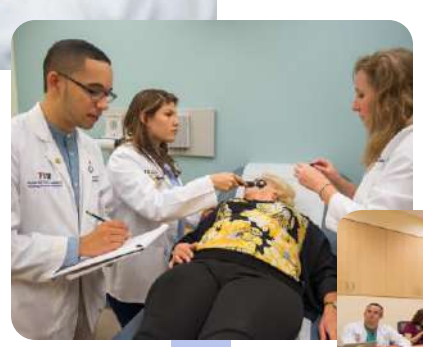
Mission Statement

The Albert and Debbie Taño Medical Simulation Center's mission is to enhance healthcare education, research, and practice by providing high-quality, simulation-based training experiences and resources that empower learners to develop competence, confidence, teamwork skills through collaborative safe simulation learning environments, and promoting innovation.

Vision Statement

To be a premier academic hub for simulation-based education, leveraging cutting-edge technology and evidence-based practices to cultivate clinical excellence, foster interdisciplinary collaboration, and drive innovation in healthcare training and research.

Simulation Services
We Offer



01 High-Fidelity Manikins and Realistic Scenarios

02 Hands-on practice aim to improve clinical skills, teamwork and communication.

03 Standardized Patient Program

04 Simulation-based teaching, learning and assessment design and implentation for all levels

Simulation Facilities

2 High-Fidelity Suites 4th Floor

10 Objective Structured Clinical Examination Rooms- 5th floor

8 Clinical Skills and small group Debriefing rooms- 4th floor

3 Multi-purpose Skills Training Labs 260, 453, 561

We are located in AHC2

Simulation Services

Supporting our Institution

- **Supporting Staff and Faculty:**

While our primary mission is to support the educational curriculum, we deeply believe that admin/staff members are the backbone of the College of Medicine's operations.

Here's how we can help:

- **Creative Support for Events & Initiatives**

Need props, ideas, or immersive setups for college events? We can help bring your vision to life with realistic medical equipment, simulated environments, and creative input.

- **Research Collaboration**

Working on a project that could benefit from simulation resources? We're ready to collaborate—whether it's designing scenarios, providing space, or supporting data collection.

- **Wellness Through VR**

We're rolling out a new initiative to make our VR headsets available for wellness breaks. Step into a calming virtual environment to recharge during your busy day.

We're more than a training center for our learners; we're a resource for you.

Let's explore how simulation can support your goals, your projects, and your well-being.

FIU PIG ROAST EVENT 2025

CO2015 REUNION 2025

HALLOWEEN 2025

ABOUT OUR TEAM

THE FACES BEHIND THE WORK

Meet the Team

Emiri Uchiyama
Director of Medical Simulation Center

Annette Davis
Simulation Education *Program Manager*

Adriana Bautista
SP Program *Manager*

Tyler Ortiz
Simulation Technology *Manager*

Simulation Education Team

EDUCATION TEAM MANAGER

Yamileth Morales

Simulation Education Coordinator

Javier Cabrera

Simulation Education Program Specialist

Standardized Patient Program

SP PROGRAM TEAM MANAGER

Emily Perrotti

SP Program Coordinator

Javier Fernandez

SP Program Specialist

Simulation Technology Team

TECHNOLOGY TEAM MANAGER

Genevieve Ferguson

Simulation Technology Coordinator

Kevin Abascal

Simulation Technology Program Assistant

Myles Covington

Simulation Technician

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Albert & Debbie Taño Medical Simulation Center

Get to know us better.

Please reach out to see how we can create success together.

Email	Office #
comsimcenter@fiu.edu	AHC 2, 474

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