



# SAINT LOUIS UNIVERSITY

## SCHOOL OF MEDICINE

### HEALTH EDUCATION CENTER







**SAINT LOUIS  
UNIVERSITY**

— EST. 1818 —

**SCHOOL OF  
MEDICINE**

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The Saint Louis University School of Medicine has ambitious plans for our School, and our vision is both bold and achievable.

We have charted a strategic vision for the next five years that focuses on seven goals for transformative advancement in the areas of education, research, clinical care, diversity, equity, and inclusion, community engagement, leadership and organization, and image and reputation.

To achieve these strategic goals, we must provide an **excellent learning environment** to attract, engage, and challenge our learners; **recruit and support students** whose diversity and background create an affinity for the community we serve; **grow our research excellence** to attract the best and brightest faculty and learners; and **recruit excellent leaders** of our departments and divisions, and faculty with endowments that enable transformational initiatives.

SLU School of Medicine has a reputation for graduating excellent clinicians for our region and across the country. To continue to meet our mission of recruiting and training the highest caliber of future physicians, SLU medical students need interactive learning experiences and simulations that welcome their nursing and allied health colleagues. This educational and student support imperative reaches beyond the capability of our current medical school facilities, the newest of which are 50 years old.

Within these pages, you will see our vision for a new School of Medicine Health Education Center to prepare our students for the transforming world of medicine. We are excited to share this vision with you.

Christine K. Jacobs, MD  
Vice President for Medical Affairs and Dean  
Saint Louis University School of Medicine

# Background

Saint Louis University (SLU) School of Medicine has a long tradition of excellence in education, research, clinical care, and community engagement. Chartered in 1836, the School of Medicine has the distinction of awarding the first medical degree west of the Mississippi River. SLU School of Medicine trains physicians who manifest, in their personal and professional lives, an appreciation of the ethical and professional attitudes of *cura personalis*, care for the whole person. SLU School of Medicine graduates are patient-centered, reflective physicians who practice evidence-based medicine.

The new Health Education Center will be a modern learning facility and a home for students. The new Center will include active learning classrooms, an interprofessional simulation center for medical, nursing, and allied health students, clinical skills suites, and areas for student life study and socializing.

Not only will this building support medical education, but it will provide opportunities for all of the health sciences to learn with each other, about each other, and from each other. Interprofessional education and collaboration opportunities are paramount including a new Interprofessional Simulation Center, large active learning classrooms for small group and team-based learning, a café with interior and exterior seating, a lobby, and dedicated event space on the top floor. Medicine, nursing, and allied health professionals will be working together here just as they will when they graduate from Saint Louis University and begin their professional careers.

## Project Goals & Priorities

- Provide a home that recruits and supports medical students
- Enable active learning through space that aligns with forward-thinking pedagogy, is **flexible, innovative, and technology-rich**
- **Provide large and small classrooms that maximize engaged learning**
- Promote **community** through student spaces to support their study and wellness
- Enhance opportunities for **Interprofessional Education** and team learning between medical, nursing and allied health students
- Provide high fidelity **simulation experiences** for medical and nursing students to prepare them for clinical practice

# Mission

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The Mission of the SLU School of Medicine is the pursuit of excellence in education, research, clinical care, and community engagement through professional development, collaboration, and social justice.





### FIRST FLOOR PLAN KEY

- 1. MAIN ENTRANCE/PLAZA
- 2. LOBBY
- 3. CAFÉ
- 4. ACTIVE LEARNING CLASSROOM
- 5. LARGE ACTIVE LEARNING THEATER
- 6. ELEVATORS
- 7. BUILDING SUPPORT
- 8. SERVICE ENTRANCE

Doisy Research Center

West Garage

Center for Specialized Medicine

Grand Boulevard

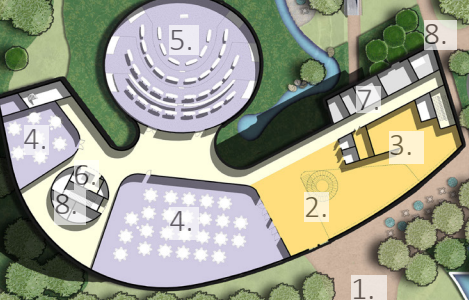
Education Union

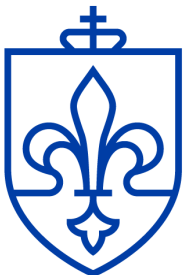
School of Nursing

Firmin Desloge Hospital

Schwitalla Hall

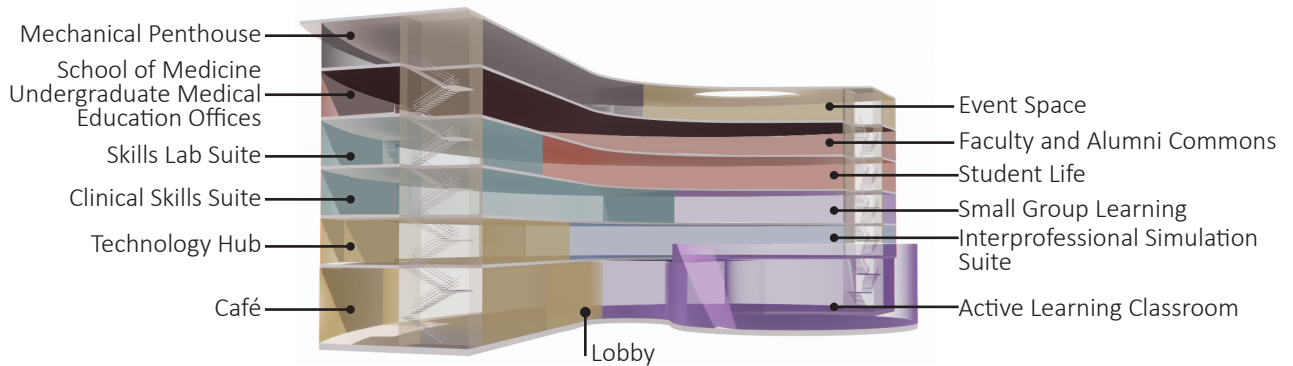
Science Library





A simple building form engages with the land and campus as an iconic entrance to the health campus that is inviting, respectful, accessible, and sustainable; a place that celebrates the whole person including students, faculty, staff and visitors.

A sweeping curve maximizes a panoramic view of the campus from every floor. The design connects with SLU Hospital across Grand Blvd, and the Doisy Research Center to the north.



## Program

The new School of Medicine Health Education Center will be a modern learning facility for medical students, and will welcome nursing and allied health students for simulation experiences.

Some key programmatic spaces:

- **Interprofessional Simulation Center** with eight (8) simulation laboratories designed for small groups and multidisciplinary teams (School of Medicine, Nursing, and Allied Health) creating a simulated hospital environment. Debriefing and control rooms support the suite.
- **Clinical Skills Suite** with 22 clinical exam rooms and a 30-seat classroom for pre- and de-briefing, and support spaces for a standardized patient program.
- **Surgical Skills Simulation Lab** housing task trainers including endoscopy simulators, laparoscopy simulators, and a da Vinci robot.
- **Ultrasound Lab** will be a flexible space for bedside ultrasound with 10 stations around the perimeter and a 40-seat “wet” classroom in the center for skills training.
- **Active Learning Classrooms** include two (2) large 200-seat classrooms, four (4) medium classrooms seating 36 each, and 30 small group learning classrooms. These spaces are designed with robust technology, flexibility, and the opportunity for a variety of pedagogy including small group, problem-based (PBL), and team-based learning (TBL).
- **Shared Community** spaces for social, study, and collaboration including café, technology hub, generous lobby, and an event space on the top floor with panoramic views of the city.
- **Social and Wellness** space for students, including meditation/prayer rooms, lactation/health rooms, and mental health counseling.
- **Student Life** including a lounge with kitchenette, lockers, and a diverse set of study spaces will provide students the support needed to stay on campus longer, strengthening culture and community. Small and large study rooms, quiet reading room, and a variety of learner landings in addition to public café seating spaces provide a multitude of small/large or quiet/active study environments.
- **Faculty & Alumni Commons**, faculty hoteling offices, and collaboration areas provide faculty a home base and a place to meet with students for office hours. The Deans Suite, Admissions, and Offices for Undergraduate Medical Education afford easy access for students and visitors.





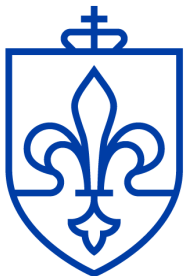
## LOBBY AND CAFE

The transparent main lobby connects an urban plaza with more contemplative gardens on the north side. Daylight and views throughout the building provide contact with nature. The vertical glass and wall panels wrap the building to forge a relationship between interiors and the surrounding landscape of beautiful mature trees of Caroline Mall, the grass meadow and brook.



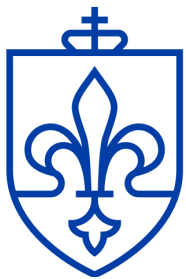
## ACTIVE LEARNING CLASSROOM

Configured to maximize active, collaborative learning and multimodal teaching. Opening directly into the lobby atrium, this active learning space with seating for over 200 students will also host conferences, symposia, events, and continuing professional education programming.



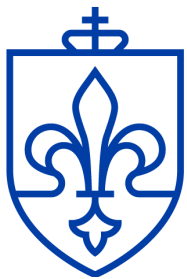
## ACTIVE LEARNING THEATER

The 200-seat terraced learning classroom will ask students to engage in their learning by thinking, discussing, investigating, and creating. This room configuration allows learners to pivot swiftly from entire class to small group discussions, with technology hub access and white boards fostering dynamic and active learner engagement.



## **INTERPROFESSIONAL SIMULATION CENTER AND CLINICAL SKILLS SUITE**

The Interprofessional Simulation Center and Clinical Skills Suite prepare students for clinical training through hands-on learning in an immersive environment. The comprehensive simulation center will house 8 high fidelity simulation labs, 22 clinical exam rooms, ultrasound lab for up to 40 learners, and a surgical skills simulation lab for training on cutting edge robotic technology for medical students and residents.



## LARGE SIMULATION LAB

Eight high fidelity simulation labs will accommodate dedicated programmatic curriculum for medical and nursing students and interprofessional team learning for medical, nursing and allied health students. This suite includes state-of-the-art technology with AI, virtual reality, robust technology, and high-fidelity medical manikins to provide a myriad of environments.



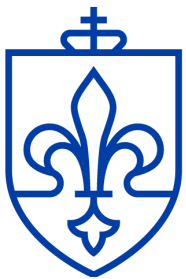
## INTERPROFESSIONAL SIMULATION CENTER

The Control room is the epicenter for creating the high stakes learning environments and is equipped with recording capabilities for debriefing immediately after the simulation. The goal of the simulation theater is to immerse students in the learning activity which allows students to develop clinical skills and confidence before working with patients.



## SIMULATED HOSPITAL ROOM

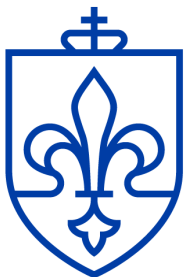
Clinical scenarios in rooms equipped with high-fidelity manikins and multi-modality simulation tools provide skills training for medical and nursing students. Medical equipment and hospital finishes provide the real-world hospital environment while cameras, recording, robust technology and space for learning accommodate the learning needs for patient care teams.



## SMALL GROUP LEARNING CLASSROOM

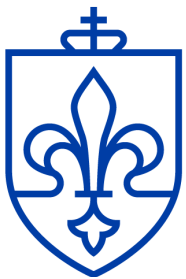
In smaller more intimate spaces, students work together in groups of up to 6 – 8 members for problem-based and team-based learning, helping each other think critically, master course concepts, and apply them to real-world situations. By day, these rooms accommodate classes and after hours they are heavily used for studying, allowing students to stay on campus longer, building relationships with each other and with faculty.





## STUDENT COMMONS

Common space for student relaxation supports wellness and a sense of community. Amenities for student life include meditation rooms, study spaces, rec area, kitchenette, lockers, and a Quiet Reading Room.



## EVENT SPACE WITH TERRACE

The roof top event space engages and opens to an exterior terrace with encompassing vistas of the hospital, campus, downtown St Louis and its iconic Gateway Arch. The softly curved walls that encompass and shape the terrace and its oval skylight above offer both the comfort and control of defined space with the enthusiasm and freedom of boundless space. A special space for the SLU community to gather and celebrate, a special space for boundless aspiration.

## **Excellence in Education**

Saint Louis University School of Medicine is guided by more than 175 years of tradition. Grounded in Jesuit values. Inspired by the future of medical education and research. Driven by the generous support of our donors. Training physicians and scientists for our region and nation.

Established in 1836, the School of Medicine awarded the first medical degree west of the Mississippi. Today we focus on what lies ahead- training physicians and scientists, conducting medical research, and service our community with advanced, equitable healthcare.

## **Planning for Our Future**

We have charted an ambitious and bold strategic plan for transformational advancement in education and research. We invite you to join us in this exciting endeavor.

We look to fund four key priorities:

- New School of Medicine Health Education Center
- Scholarship support for outstanding diverse medical students
- Research growth and excellence across departments and institutes
- Visionary Leadership with endowed chairs and professors

## **Will you join us?**

Your support will bring transformational success to the Saint Louis University School of Medicine, nursing, and health sciences.



“Helping fund someone’s schooling not only makes it easier on them, but it also ensures they will receive a valuable education. It’s not just about the medical content we learn, but it’s also about the lessons that come with it to treat patients and think in a positive way.”

Jason Gibson, Med’ 27



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