

University of Missouri Appropriations Request for Capital Items							
Facility Name	Capital Improvement Summary				Economic Impact Factors		
	Campus	State Request	University Amount	Total	Impact on Overall Economy	Earnings Generated	Jobs Generated
<i>State Appropriations Projects</i>							
Medical Science Building - Renovation Phase III	MU	\$15,000,000	\$5,000,000	\$20,000,000	\$45,000,000	\$16,200,000	302
Spencer Chemistry and Biological Science Renovation - Phase II	UMKC	\$40,000,000	\$0	\$40,000,000	\$90,000,000	\$32,400,000	603
Physics Building Renovation	S&T	\$10,000,000	\$13,307,375	\$23,307,375	\$52,442,000	\$18,879,000	351
Stadler Hall Renovation	UMSL	\$38,500,000	\$0	\$38,500,000	\$86,625,000	\$31,185,000	581
Total State Appropriations Projects		\$103,500,000	\$18,307,375	\$121,807,375	\$274,067,000	\$98,664,000	1,837

Medical Sciences Building –Renovations Phase III
University of Missouri – Columbia

The Medical Science Building is a key space resource for research laboratories related to the Health Sciences, particularly the School of Medicine. The building has a FCNI of 0.37 with facility needs of \$42 million. The significant size (258,000 gross square feet) and location, connected to the University Hospital, make it imperative to improve the building condition before it reaches a critical state. The renovations will allow for the facility to continue to be used as a laboratory resource well into the future.

This project continues the work started with the renovations funded in 2023 which focuses select areas of multiple floors which have some of the highest and most imminent facility needs, creating approximately 62,000 net square feet of modern, flexible, collaborative research space. The renovated areas in phase one will accommodate approximately 24 research teams. The continuation of the masterplan when fully implemented in future phases would support approximately 74 research teams using similar metrics.

The revised project will renovate laboratories for School of Medicine researchers which have not been improved in more than 20 years. Various areas of the building have previously undergone laboratory renovations to successfully create modern modular laboratory areas and collaborative environments. A building master plan study has been recently completed to determine the scale of the additional renovations needed, and to identify the associated infrastructure improvements.

Funding for the \$20,000,000 project will be from a state request of \$15,000,000 and \$5,000,000 from internal funds.

Spencer Chemistry and Biological Sciences Renovation - Phase II
University of Missouri - Kansas City

This project would continue the renovation of the 153,827 gross square feet (gsf) Biological Sciences Building and Spencer Chemistry Building. The second phase will renovate approximately 75,000 gsf in both Spencer Chemistry and the Biological Sciences Building and will complete the renovation of these facilities. This project will build upon the first phase, which renovated about 79,000 gsf and was completed in 2018 and funded by the State with the Board of Public Buildings Bond as the primary funding source. The Phase II renovation will address additional deferred maintenance, research spaces, teaching spaces, and other facility deficiencies that were beyond reach of the Phase I budget. The renovation will provide state of the art teaching laboratories and support spaces, while providing improved laboratory systems to support research activities, support student retention, meet current laboratory standards, and encourage student collaborative learning. The project is consistent with the Campus Master Plan.

The Spencer Chemistry and Biological Sciences Buildings were originally constructed in 1968 and had not been renovated or updated since the 1980's prior to the Phase One renovation which was completed in 2018. These buildings serve Chemistry and Biology undergraduate and graduate majors, as well as those who go into professional schools or graduate studies in medical and dental. They also serve as part of the teaching mission for our Pharmacy, Medicine, and Nursing

Programs. The facility is outdated, provides inadequate space for teaching, and does not meet current safety codes and standards. The chemistry department was recently merged into the School of Biological Sciences to create a larger School of Biological and Chemical Sciences.

The project will eliminate \$26.4 million of facilities needs.

Funding for the \$40,000,000 project will be from a state appropriation.

Physics Building Renovation - Phase III
Missouri University of Science and Technology

This project is a complete renovation of the Physics Building including replacement of the current building mechanical, electrical, and plumbing systems, exterior envelope repairs, renovation of all interior components, installation of a fire suppression system and associated backup generator, and accessibility improvements.

The Physics Building, constructed in 1963, is home to the Physics Department. Every year, approximately 2,000 students take classes in the Physics Building, and most S&T students take at least one class in this building during their time on campus. In addition, physics faculty perform high-profile research in astrophysics, atomic physics, and materials physics.

The Physics Building houses a number of cutting-edge laboratories including a particle accelerator, a laser laboratory, crystal growth facilities, and an ultra-low-temperature materials laboratory. The functioning of the classrooms and laboratories is severely hampered by the condition of the building, which has not seen a major renovation since its original construction.

The facility has \$13.1 million in facilities needs and has an FCNI of 0.37. Replacement of the building systems is expected to reduce operating expenses.

This \$23,307,375 project will be funded by \$13,307,375 from gifts and \$10,000,000 from a state appropriation.

Stadler Hall Renovation
University of Missouri - St. Louis

Renovation of Stadler Hall will include renovating existing research laboratories, offices, classrooms, restrooms, and common core areas. The project provides new infrastructure (HVAC, electrical switchgear, building envelope, etc.), and the associated technology required to teach and learn in today's world. The project will also include extensive renovation to common use areas to allow students to study and collaborate and will address life safety and ADA deficiencies. Exterior improvements include building envelope upgrades, signage improvements, sidewalks, accessible routes, doors, and steps.

This project is aligned with UMSL's ten-year Master Plan, Space Survey, and ISES Report by addressing technology, life-safety, building code and accessibility deficiencies. UMSL's research department has been operating in a facility that is 50+ years old with infrastructure that is failing and out of date. In addition, the technology in the building does not operate as designed, and research is being compromised as a result. This project updates the interior of the research complex with state-of-the-art research and technology that will align with the survivability of UMSL's long term plans.

Funding for the \$38,500,000 project will be provided by a state appropriation.