

CBHE recommendation on capital nears UM's needs

University of Missouri officials are generally pleased with the recommendation the state Coordinating Board for Higher Education will pass on to the Missouri General Assembly for funding the University's capital needs in 1985-86.

The board recommends funding 100 percent of UM's request for all categories but new construction, which the board recommends be funded at about 75 percent.

Priorities for new construction are the major point of disparity between the CBHE recommendation and the University's request.

"The University's new-construction capital list has been prepared after much research, study and consideration and has been presented to the state for funding basically without change for the last five years," says William G. Cocos Jr., chairman of the UM system Board of Curators' Physical Facilities Committee.

"The staff for the Coordinating Board in making its recommendations did not follow the University's new-construction priorities. This situation is especially distressing because it disrupts our process and causes confusion among the internal and external constituencies of the University who support these projects with private contributions and long-term understanding."

Affected most by the CBHE recommendation for new construction is the status of a law building at UM-Columbia. The building, No. 4 in UM's priority list, is not among the CHBE's top priority projects for funding and is listed behind projects UM put farther down on its own priority list.

"It is important to recognize that the continued accreditation of that school will be jeopardized if something isn't done soon to relieve overcrowding," says Melvin D. George, interim president. "This long-standing need should be taken care of this year — before it becomes a real stumbling block to reaccreditation."

The CBHE recommends the General Assembly appropriate half of the \$17 million UM requests for the law building.

The proposed UMC law school building is just one project for which considerable private funding has been pledged.

"The University of Missouri," George says, "has been fortunate in that its alumni and friends have made significant contribu-



The proposed science building at UM-St. Louis is in the second priority grouping in the CBHE recommendation, but the CBHE is recommending funding only for the first phase of its construction. The building is No. 5 on the University's priority list and has been on the list of new construction projects for nearly 10 years. The St. Louis campus, now entering its third decade of serving the people in the state's largest city, does not have a full-fledged science building.

tions to help meet our needs for construction. Contributions or pledges of some \$8 million have been made and the donors would like to see those monies used soon."

Other projects for which private funds, non-state University funds or both have been given are:

- UMC Ellis Library's three phases, \$3.5 million in non-state funds, or 40 percent of the total cost.
- UM-Rolla mineral engineering building, \$4.3 million in private funds.
- UM-Kansas City multipurpose recreational building, \$5.2 million, or more than one-third the total cost.
- UMR auditorium/music/alumni building, \$4.7 million in private donations, nearly half the projected cost.
- UMKC business and public administration building, \$1.6 million donated or pledged.

Renovation, rehabilitation and maintenance funds cannot substitute for funding for new buildings, George says. "The real driving force is the growing complexity of teach-



The Ellis Library expansion project on the Columbia campus is the Board of Curators' No. 1 priority for new construction projects for 1985-86. The state's capital appropriation for 1984-85 provided about \$2 million for the project. Another \$2.5 million is sought from the state to finish the first phase; \$108,000 is sought for second-phase planning, but the CBHE is recommending no planning funds be appropriated for the project. The architect's drawing above shows the addition to the south of the present library structure.

1985-86 Capital Appropriations Request

	UM request	CBHE recommendation
Preservation (repairs, replacement and maintenance)	\$ 23,955,098	\$ 23,955,098
Life Safety (building code compliance modifications)	\$ 19,467,052	\$ 19,467,052
Energy Management	\$ 6,267,327	\$ 6,267,327
Renovation/Rehabilitation	\$ 12,592,815	\$ 12,592,815
Capital Equipment Replacement	\$ 8,635,000	\$ 8,635,000
New Construction (listed in order of UM priority)	\$ 98,606,000	\$ 75,767,000
Ellis Library/Phase 1B (UMC)	2,550,000	2,550,000 (1)*
Ag Engineering (UMC)	8,200,000	8,200,000 (1)
Mineral Engineering/Phase 2 (UMR)	13,125,000	13,125,000 (1)
School of Law (UMC)	17,000,000	8,500,000** (4)
Science Building (UMSL)	25,150,000	11,000,000** (2)
Engineering Lab/Classroom (UMC)	11,360,000	11,360,000 (3)
Multipurpose Facility (UMKC)	7,065,000	7,065,000 (5)
Engineering Management (UMR)	2,725,000	2,725,000 (2)
Auditorium/Music/Alumni Building (UMR)	4,762,000	4,762,000 (3)
Business and Public Administration (UMKC)	6,480,000	6,480,000 (2)
Ellis Library/Phase 2 planning (UMC)	108,000	--
Library Addition planning (UMSL)	81,000	--
Handicapped Accessibility Compliance	\$ 2,435,629	\$ 2,435,629
TOTAL	\$171,958,921	\$149,119,921

* CBHE priority grouping

** Phase I funding recommended

ing and research requiring additional, and more specialized, facilities suited to a relatively limited range of purposes. In today's research universities, the need for as modern facilities as possible is clear if we are to prepare our students, and our state, for tomorrow's world."

The CBHE recommends UM receive all it has requested (\$24 million) for preserving the University's 559 buildings in use. "The practice of the past few years of not even beginning to fund preservation adequately

really constitutes borrowing against the future," George says. "This area continues to be our highest priority as part of the fiduciary responsibility we have to coming generations."

The board also recommends 100 percent funding of the University's request for capital equipment replacement. The \$8.6 million would replace aging equipment at the UMKC dental school, the state's only public dental school, and at the UMC Hospital and Clinics.



A priority for the University is a new UMC School of Law building (preliminary design pictured above). The CBHE, however, is recommending the state appropriate only first-phase construction funds and has placed the project in its fourth group of priority projects.

Weldon Spring program enhances research

By Larry Myers
UMca University Relations

Developing "eyes" for robots, new approaches to cancer control, preserving Missouri's rich cultural heritage and other diverse and meaningful projects have been made possible by the University of Missouri's unique Weldon Spring Awards program.

Results of projects supported in the program's first three years suggest the University-funded internal awards (which amounted to nearly \$2.5 million for the first three years) are an excellent investment. For example, as a direct or indirect result of activities supported by awards made from 1980 through 1982, the University has already received approximately \$3.5 million in grants, contracts and equipment donations.

"Support of research and creative activity is a special obligation of the University. In addition to the value of the scholarly activity the Weldon Spring Fund supports, these awards are really a way for the University to pull itself up by its own bootstraps," says Melvin D. George, interim president, who administered the program as vice president for academic affairs.

"By providing our own support for research in its early stages, the faculty members are able to approach outside funding agencies with some preliminary findings. This increases their chances of getting a substantial grant or contract. It is money well spent."

During the program's first three years, UM researchers looked at topics ranging from producing fertilizer from Missouri coal to the writings of English poet Percy Bysshe Shelley to nuclear fission. Projects were selected from among proposals submitted by each campus.

To date, findings from projects supported by the awards have resulted in more than 300 papers published in journals (with many more to come) and a comparable number of presentations made to regional, national and international gatherings. About a dozen scholarly books have been completed or begun with Weldon Spring Awards.

"In addition to the intrinsic value of adding to our knowledge, the research supported by the awards contributes to the University's prestige as an institution," notes Mark Burkholder, 1983-84 academic associate in the office of vice president for



UMR's robotics laboratory

academic affairs. "The availability of the awards is an important aid in attracting new faculty as well as a significant benefit for current faculty on all of the campuses."

The awards have helped establish several new laboratories and centers, including a robotics laboratory at UM-Rolla, a laser chemistry lab at UM-St. Louis and a toxicology laboratory at UM-Kansas City.

Perhaps of greatest interest to non-scientists is the Missouri Cultural Heritage Center, founded with "seed money" from the Weldon Spring Awards program. The Missouri Cultural Heritage Center, which has headquarters at UM-Columbia, is dedicated to recording and preserving Missouri traditions. The center is conducting extensive studies of Ste. Genevieve, the state's oldest European community, among many other projects.

The awards have also allowed professors to pursue research off-campus, host

conferences for the exchange of new knowledge and establish collections and data banks. As an added benefit, several of the research projects have contributed to the development of new courses.

"For a new professor, the opportunity provided by these Weldon Spring grants is invaluable. It has allowed me to get started in research, opening a line of investigation that will keep me busy for another two years," says Allen Wilhite, assistant professor of economics at UM-Rolla, who received an award for study of President Nixon's price and wage controls.

Funding for the awards, which support faculty research on all four campuses as well as intercampus projects, comes from interest on the Weldon Spring Endowment. Proceeds from the 1979 sale of the University's Weldon Spring property to the Missouri Conservation Commission were used to establish the endowment.

College papers join collection

Historic material from Christian (now Columbia) College has been added to UM's Western Historical Manuscript Collection.

The college's archival records include correspondence, photographs and publications.

The material will be sorted, organized and indexed, a process that will require about a year. When the materials are processed, they will be placed in the University Records Center.

"This collection should be of particular interest to local historians, as well as to those concerned with the history of women's studies and education," says Nancy Lankford, associate director of the Western Historical Manuscript Collection.

Christian College, founded in Columbia in 1851, was the predecessor of present-day Columbia College. From the beginning, it was committed to providing a full academic program to women students. It was also one of the first educational institutions in the nation to have a woman president.

The Western Historical Manuscript Collection already has papers compiled during the writing of the college's centennial history, journals and records kept by its third president and papers of prominent alumna Jane Froman.

Founded in 1943 to concentrate on all aspects of Missouri history, the Western Historical Manuscript Collection has branches on all four UM campuses. Its joint collection with the state historical society occupies 15,000 linear feet of shelf space.

Meal allowances increase by 10%

Meal allowance maximums for official University business have been increased by an average of 10 percent.

The Business and Financial Management Advisory Council recommended the changes, the first since July 1982. BFMAC also recommended an annual review of the rates to keep them current with inflation.

The University's general officers approved the increased rates, which became effective Sept. 15.

The new rates, which include tips, are: breakfast, \$7.25 (an 11.5 percent increase over the former maximum of \$6.50); lunch, \$8.25 (an 11 percent increase over the former maximum of \$7.50); and dinner, \$18.50 (an 8.8 percent increase over the former \$17 maximum).

Jobs

The following administrative/professional and academic vacancies were listed with *Spectrum* as of Sept. 28. Anyone interested in a position should contact the appropriate department or personnel office.

UMC: professor, agriculture/veterinary medicine, physics/astronomy; research associate, agronomy; asst. professor, surgery, speech/dramatic art, biochemistry, child health (3), horticulture, statistics; asst./assoc./full professor, industrial engineering (2), clinical psychology (2), veterinary medicine/surgery; asst./assoc. professor, physics/astronomy, agriculture, child health, clothing/textiles (2), electrical and computer engineering; instructor, educational/counseling psychology, veterinary medicine/surgery, broadcast journalism; assoc./full professor, biochemistry, law; librarian III/head of monographic cataloging; librarian I/general reference-documents; instructor/asst. professor, veterinary anatomy/physiology; research asst. professor, veterinary pathology; manager, power plant engineering project; sr. accountant; research

specialist; sr. research specialist; TV producer; environmental chemist; administrative associate I; asst. vice chancellor, student services/director, student development; computer programmer/analyst I; computer programmer/analyst II; industrial hygienist; promotion manager, radio. **UMca:** information support specialist; systems programmer I; special assistant to the president.

UMC Hospital: administrative nurse II; clinical nurse I; nurse anesthetist; physical therapist; education nurse I; social worker; manager, infection control, plant engineering; sr. systems programmer; computer project manager; learning skills specialist; supervisor, radiation oncology; computer programmer/analyst II; occupational therapist; vocational evaluator.

UMKC: grader, business and public administration; research assistant, chemistry (2), biology; asst./assoc. professor, removable prosthodontics, accountancy; visiting

professor, theater; adjunct faculty, biology; instructor/asst. professor, speech communication; research associate, institutional research; laboratory assistant, chemistry; theater assistant (10); asst./assoc./full professor, computer science; computer operator, dentistry; intern, education; coach, golf; instructor, intramural/campus recreation aerobics; executive staff assistant I; fiscal analyst; editor; continuing education coordinator; asst. manager, training/management development.

UMR: teaching associate, electrical engineering; scientific programmer/analyst; safety and risk management representative.

UMSL: research asst./computer programmer, optometry; asst. professor, computer science; postdoctoral research associate, optometry; serials acquisitions librarian; serials cataloging librarian; coordinator, student activities; computer programmer/analyst I; counseling psychologist; sr. continuing education coordinator.

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