

Curators approve various physical facilities projects

A supplementary state appropriation of \$2,250,000 to fund revised plans for the coal-fired heating plant at UMR will be sought as a result of action taken Nov. 16 by the UM Board of Curators.

The 1978 session of the Missouri General Assembly appropriated \$5 million to UM to rectify deficiencies in overall powerhouse requirements and provide emission control equipment to bring the existing plant into compliance with state regulations.

However, since then the federal Environmental Protection Agency has modified its air quality standards. As a result, plans for the UMR plant have been revised to meet the new regulations.

The additional \$2,250,000 will be sought by UM in the supplemental appropriations bill of the 1980 legislative session. A breakdown on this figure shows \$500,000 to cover added inflation; \$509,000 for equipment required by the new EPA regulations, including installation of a baghouse to filter coal fly ash; and \$1,241,000 to provide a type of boiler that will allow the burning of a combination of Missouri fuels—coal and wood chips. The latter item, UM officials said, will pay for itself in 5½ years through fuel savings and will also aid Missouri's economy.

Other items approved by the curators include:

- Award of a \$569,280 contract to B.D. Simon Construction Company of



The UM Board of Curators

Tammy Lechner photo

Columbia for renovating the civil engineering building on the Columbia campus. This is phase one of a larger scale project to improve the engineering complex. About 24,000 square feet will be involved in this phase of the work, which is funded by state appropriations. Unless unforeseen delays occur, the project will be completed by Aug. 1, 1980.

- Award of a \$206,600 construction contract to Prost Brothers, Inc., of Columbia to complete the UMC School of Journalism building addition. The contract is for seating in the lecture hall, installation of a public address system, carpet and some lighting for which funds were not available when the original construction contract was awarded. The work will be paid for by a combination of private gift funds and

a loan from the UMC development funds.

- Award of a \$266,366 construction contract to Hogan Construction Company of Rolla to build a hazardous chemical storage building at UMR. The building, funded by state appropriations, will bring the campus into compliance with safety regulations regarding storage of hazardous chemicals. Facilities for hazardous chemical storage are being provided for all four campuses and UMC hospital.

- Award of two construction contracts for improvements to the four-story music building on the Marillac campus at UMMSL. One is a bid of \$259,800 by Kissel Construction Company of St. Louis to add a lobby area and an elevator to the building, as well as to make the building accessible

to the handicapped. The other bid is \$154,000 by John Kalicak Construction Company of St. Louis for building a parking lot at the same building. Special remodeling and parking funds will pay for the two projects.

- Award of a \$117,580 contract to Missouri Builders Service of Jefferson City for repair of the roof and cooling tower of Clark Hall, a building used for UM system's central administration in Columbia. The second story roof over the athletic dining hall was replaced a year ago. The work will be paid for by Clark Hall rental funds.

- Employment of Black and Veatch, an architectural firm of Kansas City, for design work on the proposed mineral engineering building at UMR. The architect will be paid with private gift funds raised by UMR.

Nursing school, BSN degree approved

Plans for a new School of Nursing at UMKC were approved Nov. 16 by the UM Board of Curators.

The board also approved a bachelor of science in nursing (BSN) degree program as an addition to the existing curriculum. UMKC has offered a master of science in nursing degree since 1974, through its graduate nursing program.

The new BSN initially will be a degree completion program for registered nurses. It will enable RN's to enter the senior year after successfully completing lower level prerequisite courses and validation examinations for junior-level content.

Plans call for a maximum of 50 full and part-time students to be enrolled in

the program's first year, possibly as early as next fall. Total enrollment is projected to reach 115 students when the program enters its fifth year.

A generic four-year program will begin later, according to Wheadon S. Bloch, UMKC's acting vice chancellor for academic affairs. Dr. Bloch said that specific plans and a timetable for implementation of that program will be developed once the nursing school is functioning.

Substantial renovation of UMKC's Health Sciences Building, 2220 Holmes, is planned to accommodate the school's programs. Private funds are currently being sought to underwrite renovation.

Fluoroscope purchase ok'd

Purchase of a remote control radiographic fluoroscopic suite for UMC hospital and clinics was approved by the UM Board of Curators at its Nov. 16 meeting.

The purchase, delivery and installation of the equipment will cost \$317,137, to be financed through a non-personal liability note of the Board of Curators. Approximately 10 percent of the purchase price will be paid from the hospital finance contingent fund as a down payment, with payment of the note to be made from income from radiology department income during a

period of five years or less.

The equipment purchase is contingent upon certification of approval by the Area II Health System Agency, Inc.

The suite will replace a 10-year-old machine which experiences frequent breakdowns. The unit provides diagnostic X-rays of the digestive tract and intestines of patients with gastrointestinal problems. A fluoroscope allows physicians to see organs or fluids move inside the patient, as opposed to a still picture taken by ordinary X-ray equipment.

Board approves insurance change

At its Nov. 16 meeting the UM Board of Curators approved an amendment to the life insurance contract for UM employees, effective Dec. 1.

The change reduces coverage at age 65 by only 15 percent (instead of 25 percent), and thus allows more coverage than the current policy for employees between ages 65 and 70. It was recommended by the insurer,

General American Life Insurance Company, to meet new guidelines provided by the federal Age Discrimination in Employment Act.

Under the current policy, life insurance benefits are reduced 25 percent when a UM employee reaches age 55, another 25 percent at age 60, and a third 25 percent at age 65. Those benefits are reduced to zero when an employee reaches age 70.

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Wallace Stacey Tommy Lechner photo

UMC students satisfied with Japanese exchange

UMC students are happy with the program at Sophia University, according to Wallace Stacey, president of the UM Board of Curators.

Dr. Stacey returned recently from a trip to Tokyo, where he attended an international medical meeting. While there, he visited Sophia University, with which UM has had a student and faculty exchange program since 1976.

Presently 10 UMC students and one faculty member are at Sophia, and Sophia has 15 students at UMC.

Dr. Stacey noted that some of the UMC students are living in private homes and some in campus dormitories. The student he met, from Liberty, Mo., was delighted with his home living arrangement, which includes "sleeping on a mat and eating fish and rice with the family."

Dr. Stacey said, "It is interesting that some of the Missouri students work in the early morning hours at the

Fuel consumption falls

As part of the national energy conservation program, Governor Teasdale last May issued an order that gasoline consumption by Missouri state government be reduced 10 percent within a year. Since then UM has been actively formulating and implementing a fuel conservation plan.

Estimates so far indicate the University has already reduced fuel consumption by 8.6 percent in the first quarter of the current fiscal year. Projections are that an additional 3 to 6 percent reduction can be achieved by the end of the fiscal year.

Some of the highlights of the first quarter include:

- The number of vehicles owned by UM has been cut from 850 to 809, a reduction of 41 (or 4.8 percent).

- The number of miles driven has dropped from 1,542,000 miles to 1,467,000 miles, down 75,000 miles (or 4.8 percent).

subway station. They're hired as pushers, and I'll hasten to explain that the term "pusher" in this instance means one who literally stands there in the early morning rush hour, before classes start, and helps push people onto the subway car before the doors close, to be sure they get the maximum number of people on that particular car."

Jobs

The following administrative, professional, and academic vacancies were listed with *Spectrum* as of November 16. Those interested in a position should contact the appropriate academic department or personnel office.

UMC: Administrative associate I (2); Asst. directors, alumni activities, public information (med comm); chemist; coordinator, student financial aid; engineer, physical plant; executive staff asst I; information specialist; managers, campaign (health science library), parking operations; research specialist (3); scientific programmer analyst II (2); senior information specialist; senior research chemist;

senior systems analyst; student svcs coordinator/counselor - arts and crafts; systems analyst; computer programmer/analyst II; learning skills specialist; **UMca:** auditor; compensation specialist; computer project manager (2); manager, financial reporting; senior systems programmer; systems programmer.

UMC Hospital: Asst. directors, nursing services, professional services; computer programmer/analyst II; coordinator, staff development; head nurse (5); housekeeping supervisor; managers, computer center, management engineering, nursing office, programming, quality assurance, systems design, technical services; nurse anesthetist; nurse practitioner (7); nurse recruiter; occupational therapist; pharmacist; physical therapist; registered medical technologist; senior management engineer; senior methods & procedure analyst; senior computer programmer/analyst (3); senior systems analyst; senior systems programmer; staff nurse (54); systems analyst;

UMR: Coordinator, engineering services; asst. prof., computer science; postdoctoral, life sciences; research aid, cloud physics.

UMKC: Activity coordinator, constituent relations; information specialist, training development specialist, materials and information specialist, institute for community studies.

UMSL: Asst. professors, administration of justice (2), biology, mathematical sciences, sociology (4), economics (2), psychology, speech, art, chemistry; sr. archaeologist; computer scientist; musicians (2); research asst., Western Historical Manuscript collection (2).

UM moves on energy concerns

- Auto fuel consumed has been reduced from 140,000 gallons to 129,000 gallons, a drop of 11,000 gallons (or 7.7 percent).

- Aviation fuel consumed has dropped from 8,400 gallons to 6,300 gallons, down about 2,100 gallons (or 25 percent).

- The average miles per gallon for vehicles has been increased from 11 MPG to about 11.4 MPG. The University operates numerous trucks and busses (as well as passenger vehicles) which help reduce the overall miles per gallon.

Energy director named

Mark D. Langford, a UMC graduate, has been appointed the first director of energy conservation for the four-campus UM system.

Announcement of the appointment, effective Nov. 19, was made by Tom Hussey, UM assistant vice president

for business services.

"With the impact energy costs are having on the University, it is essential that the institution develop a comprehensive and coordinated energy conservation program," Mr. Hussey said. "We are pleased to get a person of Mr. Langford's background to assume that responsibility."

Mr. Hussey said that UM's energy costs are projected at \$12 million for fiscal 1979-80 and are expected to double to \$24 million by 1985. UM presently has no systemwide energy conservation policy.

Mr. Langford's duties at UM will include developing cost benefit reports to establish priorities for expenditures of capital funds in energy-related items; formulating University policy and standards for utilizing energy; developing and implementing monitoring systems to control energy use and preparing reports for use by the University.

Olson urges House committee to fund selected UM programs fully

UM President James C. Olson urged the House Appropriations Committee Nov. 14 to provide full funding for the improvement and expansion of selected University programs, instead of following the 68 percent formula approach recommended by the Coordinating Board for Higher Education.

"This is our most serious concern with the Coordinating Board's recommendation," Dr. Olson said as he contrasted the Board's recommendation with the University's request for operating funds for 1980-81. "Although the Board suggests we implement \$6 million in program improvements, it provides through the formula mechanism only 68 percent, or \$4.1 million."

Dr. Olson's two-hour appearance before the House committee, chaired by Rep. Wayne Goode of Normandy,

represents another step in seeking \$176 million in state support of a total \$254 million general operating budget for the University. Dr. Olson will address the Senate Appropriations Committee Nov. 27.

Dr. Olson noted the University's request to improve the salary and wage base by 10.6 percent, as opposed to the 9.5 percent proposed by the CBHE.

Questions posed by the House committee ranged from the status of extension and the School of Optometry at UMSL to the Ph.D. in political science degree at UMSL. The latter has been turned down by the CBHE.

Dr. Olson also presented requests for the University Hospital, the State Historical Society, the Missouri Institute of Psychiatry and the Missouri Kidney Program, along with some preliminary discussion of UM's capital needs.

	UM 1980-81 appropriations request for operations, state funds only	Coordinating Board for Higher Education 1980-81 recommendation, state funds only
Categories of increase		
Program requirements:		
Improvement of instruction	\$ 2,055,363	\$ 915,171
Library improvements	1,636,550	730,309
Agriculture-related research	475,200	323,136
Health-related professions, including nursing	1,101,408	618,327
Academic program development	584,571	335,832
Prof. prog.-Medicine and Law	167,057	113,599
Research related to agriculture, aging, renewable resources	475,948	54,400
Family farm development prog.	300,000	
Special equipment	1,483,300	1,008,644
Labor studies program	250,000	
Total program requirements	\$ 8,529,397	\$ 4,099,418*
Salary and wage inflationary adjustments	\$12,474,627	\$10,991,429

*The CBHE recommends UM implement \$6,028,556 in program improvements of which 68%, or \$4,099,418, would be in state appropriations. UM would be expected to fund the balance through additional reallocations.

Notice

Beginning with the next (Dec. 7) issue, *Spectrum* will be distributed on Thursdays instead of Wednesdays and Fridays.

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