

Governor approves \$16.6 million in capital funding

State's share of FY '87 operating funds rises 7.4%

Missouri Gov. John Ashcroft has approved a \$230.3 million state appropriation for general operating expenses for UM during the fiscal year that started July 1. The total, a 7.4 percent increase over last year's \$214.3 million appropriation, includes \$4.2 million to help UM work toward goals in its long-range plan.

In addition, the governor appropriated \$2,030,400 in one-time funds for engineer-

ing equipment (\$1,344,000 for UM-Rolla and \$686,400 for UM-Columbia).

The governor approved \$16.6 million in capital funding for 1986-87.

"Clearly the revenue situation limits the state's ability to make prudent investments in higher education," says UM President C. Peter Magrath, "but I am disappointed that these reductions had to be made. They will limit the University's ability to contribute as fully as we can to Missouri's economic development efforts.

"We will continue to participate in this important effort as fully as possible through our quality teaching, research and extension programs."

The \$4.2 million earmarked for long-range plan funding is specified for four programs: \$1 million for biotechnology at UMC, \$2 million for UMC's Food for the 21st Century program, \$685,000 for UM-Kansas City's life sciences and \$550,000 for intelligent manufacturing at UMR. The University requested \$31.8 million in funding for long-range planning programs.

The governor also approved funding to UM for the Higher Education Research Fund, UMC's hospital and clinics, the Missouri Institute of Psychiatry, the Missouri Kidney Program and the state historical society (see accompanying chart). Only the Higher Education Research Fund and the hospital/clinics did not receive funding increases. Instead of funding the University directly for hospital care for the state's prisoners, the governor approved a separate \$1.5 million appropriation to the corrections department to contract with selected health care facilities.

The University also will receive \$5 million, appropriated through the Missouri Department of Economic Development, for the two research parks the University is developing. Each park — the UMKC North Campus Development and the Missouri Research Park in St. Charles County — will receive \$2.5 million.

The governor's appropriations announcement will enable UM administrators to finalize a fiscal 1987 budget to present to the Board of Curators July 15 in Kansas City.

Curators to hear about cooperation with SA institution

Details of an agreement for a cooperative educational program between UM and the University of the Western Cape in South Africa will be unveiled at this month's meeting of the Board of Curators.

Terms of the agreement were discussed last month during the visit to the University by UWC rector-elect Gert Gerwel, who met with UM President C. Peter Magrath and the UM-South African Educational Program Committee.

Suggestions for a cooperative program were developed following the return from South Africa of the committee's four-member visitation team led by Otis Jackson, UM-Columbia assistant provost.

During its two-week visit to the Cape Town area, the team met with student and faculty representatives at UWC and from other South African universities. The team also met with representatives of U.S. corporations operating in South Africa to see what support they could provide for a cooperative program.

UWC is an open institution accepting Asians, Africans and students of mixed races. It is also an autonomous university that hires its own faculty and determines the curriculum.

As a result of discussions in South Africa, the UM committee determined that UWC's stable, yet progressive, atmosphere makes it the best choice for a cooperative educational program. UWC representatives, the committee says, were impressed by UM's emphasis on a focused, long-term, cooperative relationship, a novel approach among programs proposed by U.S. institutions.

The Board of Curators in December approved the development of a cooperative educational program in South Africa as part of a strengthened investment policy.

The educational program will be implemented through a fund started with \$50,000 in non-state University money. Private donations are supplementing that amount.

The UM committee is headed by former UM president Brice Ratchford, professor of agricultural economics at UMC, and consists of Jackson; Henry Mitchell, UM-Kansas City associate vice chancellor for academic affairs; K. Peter Etkorn, UM-St. Louis associate dean of the graduate school and director of research; Carl Leistner, assistant director of student development/international student programs, UMC; and Bobby Wixson, dean of international programs and studies, UM-Rolla. Ron Turner, UM special assistant to the president, assists the committee.

UWC Rector Richard van der Ross has appointed a committee at UWC to assist in developing and implementing an agreement.

1986-87 Operations Appropriations

	UM request	Joint legislative appropriation	Governor's approval
General operations	\$256,927,036	\$236,171,387	\$230,261,058
*percentage increase	19.9%	10.2%	7.4%
Higher Education Research Fund	\$ 900,000	\$ 800,000	\$ 800,000
	1.1%	10.1%**	10.1%**
Hospital and Clinics	\$ 19,907,382	\$ 14,500,000	\$ 14,500,000
	34.2%	2.2%**	2.2%**
Missouri Institute of Psychiatry	\$ 2,340,020	\$ 2,218,939	\$ 2,161,064
	10%	4.3%	1.6%
Missouri Kidney Program	\$ 4,102,067	\$ 4,038,556	\$ 4,029,807
	5.2%	3.6%	3.3%
State Historical Society	\$ 610,411	\$ 582,225	\$ 582,225
	14.6%	9.3%	9.3%

*increases based on 1985-86 appropriations

**indicates percentage decrease

1986-87 Capital Appropriation

	UM request	General Assembly recommendation	Governor's approval
Maintenance and Repair	\$ 29,979,659	\$14,163,378	\$ 9,346,727
Rehabilitation	\$ 26,451,851	\$ 895,835	\$ 777,523
Capital Equipment Replacement	\$ 9,916,800	—	—
New Construction and Major Renovation	\$ 37,585,000	\$17,350,000	\$ 6,435,000
(listed in order of UM priority)			
Engineering Lab & Classroom (UMC)	15,560,000	6,000,000*	—
Auditorium, Music & Alumni (UMR)	5,100,000	500,000	125,000(P)
Ellis Library Phase II (P) (UMC)	115,000	115,000	—
Library Addition (UMSL)	6,000,000	6,000,000	2,160,000*
Reactor Addition (P) (UM)	250,000	135,000	—
Veterinary Medicine Addition (P) (UMC)	200,000	200,000	—
Nelson School Renovation (UMKC)	3,650,000	3,650,000	3,650,000
Electrical Engineering Renovation (UMR)	1,500,000	—	—
Engineering Complex Renovation (UMC)	5,150,000	—	—
Agriculture Research Lab (P) (UMC)	60,000	—	—
Law School Additional Funds (UMC)	—	750,000	500,000
TOTAL	\$103,933,310	\$32,409,213	\$16,559,250

(P) = Planning

* = Phase I

Lobbyist: Federal research funds are available

The University's chief Washington lobbyist last month advised the University that the amount of federal money, although limited generally, is growing in some areas.

Newton Cattell, director of the Midwestern Universities Alliance, which represents the federal interests of UM and other major universities, attended the June meeting of the Board of Curators to discuss the federal budget situation and its potential effect on the University and higher education.

The variables that will affect the future of federal funding for higher education, Cattell told the board, are the business cycle; the next administration's tax, research and education policies; the amount of money states give to improve higher education; and each institution's efforts to seek funding.

In seeking federal funding for research, especially, universities must become more aggressive. "With the leveling off of opportunity," Cattell said, "this University has its chore cut out for itself. You're competing for relatively level support and you're trying to catch up."

"Were you seeking more federal aid in the 60s and 70s when Michigan and Stanford and Berkeley were going out there and money was growing each year, it would have been a much simpler job. You have a real challenge because you're playing catch up in a zero-sum game."

Cattell lauded the University's plan to attract more federal funding by strengthening selected programs. "Some divisions of the University may feel left out, but if you build on excellence it has a halo effect on other disciplines, and they will be improved also."

Cattell praised UM President C. Peter Magrath for his involvement in federal issues.

As chairman of the Association of American Universities and the National Association of State Universities and Land-Grant Colleges, Magrath and members of other education associations were instrumental in pushing for increased federal education funding. Their efforts, Cattell said, resulted in a Senate amendment to the Gramm-Rudman legislation that increased federal education funding by \$1.2 billion. The House matched the amount and added \$500 million. This increase came in a year when other domestic programs were reduced by 2.5 percent.

(Continued on back)

Lobbyist: Tax plan could affect private giving

(Continued from front)

"The action dramatically shows that education ranks higher on their (House and Senate) list of priorities than their own budget committees thought."

Although federal funding is tight, these areas of growth for funding were outlined by Cattell:



Newton Cattell

• **Department of Agriculture competitive grants.** The competitive grants program is a good source of research funding, Cattell said. The program's \$42 million appropriation could double by 1990. Agriculture research formula funds are popular in Congress and are a good source of funding, he added, although the funding may not keep pace with inflation.

• **Multidisciplinary engineering research centers.** The University could qualify for \$1 million to \$5 million a year in federal funding for centers where groups of faculty can conduct basic research, which the Reagan administration believes is important to U.S. economic security and defense.

• **Department of Defense funding.** The defense department is one of the strongest areas of growth as a source of federal funds.

• **Biomedical research funding from the National Institutes of Health.** There has been a 50 percent increase in NIH funding over the past three years, and neural research may be the "wave of the future for funding," Cattell said.

• **Extension.** Extension, which is popular in Congress, has an opportunity to get increased funding if it redefines its mission to remain viable.

• **Private industry research support.** Cattell called UM's long-range goal to double private giving by 1994 realistic, but warned that the proposed tax reform bill changes the charitable giving rate to 27 percent, meaning it would cost donors 73 cents on the dollar to make charitable contributions. Currently, it costs industry or individuals 50 percent — or 50 cents on the dollar — to make a charitable contribution. Economists predict a 16 percent reduction, or \$6 billion less, in charitable donations if the proposed tax provision for charitable giving goes into effect.

Cattell said he and others are confident, however, that industry's philanthropic tendency would return eventually. Until then, there likely would be a reduction in private giving.

However, the proposed tax legislation also provides a 20 percent credit for company-supported basic research. If that is approved,

Cattell said, "universities really have to market their research and they have to market the credit."

Industry will continue to be interested in higher education's research because industry knows basic research does make a difference, Cattell said. "They're not going to develop new technologies unless they get basic research findings, and it doesn't pay them to start a basic research program."

Growth in federal funding is perhaps more predictable for physical and health sciences, Cattell said, than education, arts and social sciences programs. "The role of the federal government is much stronger (in the physical and medical sciences). People see their immediate security and health tied up with that."

Federal funding for education has been especially hard hit. "Let's just hope we get a new administration as quickly as we can. We're lucky to have anything left. I think they probably got it down to an irreducible minimum."

RAA proposals due Sept. 15

The Missouri Research Assistance Act Steering Committee is seeking proposals for applied and research projects for the next round of competition for Research Assistance Act funding.

Research projects must be in the areas of agriculture, natural resource management, industrial processes or information processing, storage and retrieval. Applied projects are not restricted by area.

Proposals are due Sept. 15 in the Office of the Vice President for Academic Affairs. Proposals must be processed through campus grants offices and be endorsed by the chancellor. Interested faculty members should contact campus grants offices for information concerning campus deadlines, format for submission and complete Research Assistance Act guidelines.

The Missouri Research Assistance Act was enacted in 1982 to help fund research and applied projects that enhance employment opportunities, stimulate economic development and encourage private investment in the state. One-third of the direct costs of approved projects will be provided through state funds; the remaining two-thirds re-

quires matching funds from industry or other non-government sources.

Further information is available from Nancy A. Marlin, assistant vice president for academic affairs, (314) 882-6396.

Planning meetings set for campuses

Dates have been set for the first round of campus visits designed to increase faculty participation in the University's planning and budgeting processes. Times and locations of the open meetings will be announced by the campuses. The schedule:

UM-St. Louis — Thursday, Sept. 18

UM-Kansas City — Thursday, Oct. 9

UM-Rolla — Monday, Oct. 13

UM-Columbia — Monday, Nov. 3

Members of the task force planning the meetings are L. Thomas Hussey, associate vice president for administrative affairs; Nancy A. Marlin, assistant vice president for academic affairs; and Richard L. Wallace, associate vice president for academic affairs.

Jobs

The following administrative/professional and academic vacancies were listed with *Spectrum* as of June 27. Anyone interested in a position should contact the appropriate department or personnel office.

UMC: asst./assoc. professor of economics/director of Missouri Council on Economic Education; resident veterinarian, veterinary medicine/surgery; asst. professor, food science/nutrition (2), speech/dramatic art, public administration, anatomy, photojournalism, recreation/park administration, surgery, immunology/rheumatology; asst./assoc. professor, agricultural engineering, animal science (2), veterinary biomedical sciences, political science, health related professions/communicative disorders, sociology, social work; assoc. dean, home economics extension; lecturer, law enforcement training institute; asst./assoc./full professor, veterinary medicine/surgery; instructor/asst./assoc./full professor, microbiology (2), anesthesiology; instructor/asst./assoc. professor, business administration; clinical instructor, news-editorial (3), health related professions/radiologic sciences; research assistant, obstetrics/gynecology; department chairman, animal science; assoc. dean of clinical affairs, medicine; postdoctoral research fellow, im-

munology/rheumatology, biological sciences/medicine; instructor/state specialist, 4-H and youth; professor/chairman, biochemistry; assoc. professor, special education; director, law enforcement training institute; librarian I/social science librarian; research associate, microbiology (2); postdoctoral fellow, animal science (3); instructor, agriculture (statistical consultation group); research specialist (3); design/power plant engineer; sr. academic adviser, arts/science; safety representative; computer programmer/analyst II; scientific programmer/analyst I; computer programmer/analyst I; director, development fund; athletic trainer; director, Hearnes Building; information specialist; superintendent, power plant. **UM:** manuscript specialist, State Historical Society of Missouri; construction engineer; research scientist; sr. computer programmer/analyst.

UMC Hospital: assoc. hospital director, nursing services; asst. hospital plant engineer; staff physical therapist; manager, hospital security; clinical dietitian; clinical nurse I; learning skills specialist; occupational therapist; sr. pharmacist; staff development coordinator; staff pharmacist.

UMKC: asst./assoc. professor, periodontics (2), oral radiology, fixed prosthodontics,

removable prosthodontics, basic medical sciences, accountancy; visiting professor, theater; instructor/asst. professor, communication studies; research associate, Institute for Human Development; theater assistant (10); visiting research associate, physics; lecturer, business/public administration, cell biology, meteorology, arts/sciences continuing education, psychology, Chinese, computer science, engineering; adjunct faculty, biology; clinical faculty, dentistry; director, Warkoczewski Observatory; asst./assoc./full professor, computer science, oral diagnosis/oral medicine; assoc./full professor and chair, pediatric dentistry; librarian I/clinical medical librarian; research aide, Institute for Human Development (2); research associate/instructor, basic medical sciences; research assistant, physics; manager, career services; student services coordinator.

UMR: asst. director, student financial aid.

UMSL: asst. professor, marketing, music, statistics, behavioral management (2); assoc./full/visiting professor, marketing; asst./assoc./full professor, accounting, finance, management science/information systems; computer programmer/analyst I; supervisor, building trades; academic adviser.

Blurbs on stubs

Paychecks generally are read for financial news alone: They tell us how much we earn and how much we contribute to benefits programs. But UM paycheck stubs carry periodic informational messages as well.

The messages have been included on the bottom of paycheck stubs since July 1981. They are designed as informational messages of interest to employees on all campuses or to inform employees on any one campus of upcoming events. There is no cost for using the space.

Larry Myers, coordinator of special assignments for UM University Relations, used the message space to invite employees to the 1985 inauguration of President C. Peter Magrath. "It's an inexpensive way to get brief messages to everybody on all campuses. There probably aren't many employees who don't glance at their paychecks."

Despite the benefits of using the space to pass on information, Russell D. Cook, manager of UM payroll-cashiering, says there has never been an abundance of requests for the space.

UM University Relations is responsible for approving the copy submitted for the payroll messages. The guidelines and steps to follow for requesting space on the check stubs:

• Requests should be routed through campus public information officers. If a campus wants a message to be included on paychecks for a campus other than its own, permission must be received from the other campus.

• Requests should be made at least two weeks in advance of the payroll date.

• The message should be one of information, not advertising.

• The maximum number of characters available is 69 (spaces and punctuation are considered characters).

• The office or group placing the message must decide which employee paychecks will carry the message. The request may be for any or all of the following data bases:

UMC Hospital and Clinics (monthly and/or biweekly)

UM-Columbia (monthly and/or biweekly)

UM-Kansas City (monthly and/or biweekly)

UM-Rolla (monthly and/or biweekly)

UM-St. Louis (monthly and/or biweekly)

UM (monthly and/or biweekly)

Retirees (monthly)

There is space for one message on the paycheck stub. Space will be granted on a first come, first served basis unless a message for UM employees on all campuses is requested. A UM message, such as one providing tax information, would take precedence over a campus message.

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