

Budget cut \$3.3 million

For the University of Missouri, 1983 ended on a sour note fiscally, with a student fee surcharge and funding cuts for programs as a result of a December decision by Missouri Gov. Christopher Bond to withhold 2 percent of the University's 1983-84 state appropriation after a special session of the General Assembly failed to act on most of the governor's proposals for increasing state revenue.

In a special meeting in St. Louis Dec. 20, the UM system Board of Curators approved a plan to increase income and reduce expenses to meet the \$3.3 million withholding in operating funds.

The surcharge on student fees is expected to provide about \$839,400. Program reductions amounting to \$857,500 are allocated to the campuses pro rata on the basis of state appropriations; \$700,000 will be reduced from Research Assistance Act funds; and \$950,000 will be cut from UMca contingency funds.

The \$3.3 million appropriation reduction was less than earlier feared. UM President James C. Olson (see entire statement below) told the curators the reduction is still a blow to the University's ability to provide quality educational services to Missourians and a further erosion of the University's strength.

The reduction was announced as permanent, and because state funding levels are not expected to improve greatly in the near future, Olson urged the curators to consider stringent measures to deal with declining funding, including the possibility of declaring a financial exigency for the University, which would allow the curators to release tenured faculty and eliminate entire programs.

Weldon Spring fellows named

Five humanists at the University of Missouri have been chosen 1984 Weldon Spring Humanities Seminar Fellows, it has been announced by Melvin D. George, vice president for academic affairs.

The recipients each receive a \$5,000 award to use for their respective humanities research projects. They were chosen by a selection committee composed of the 1983 award recipients.

The award recipients are Patricia P. Brodsky, associate professor of German at UM-Kansas City; Steven C. Hause, associate professor of history at UM-St. Louis; Mary M. Lago, professor of English at UMColumbia; Paul A. Roth, assistant professor of philosophy at UMSL; and Douglas C. Wixson, associate professor of English at UM-Rolla.

The humanities awards are part of the University's Weldon Spring research award program supported by investment income from money received from the 1979 sale of UM's Weldon Spring property in St. Charles County. The awards recognize UM humanities scholars and encourage humanities research.

Research by the award recipients will lead to papers and books on the research projects.

Lago will chair the 1984 seminar and Mark A. Burkholder, academic associate in George's office, will be executive secretary.

Although the 1984 award recipients will meet as a group in January, the Weldon Spring Humanities Seminar is not a seminar in the traditional sense. Instead, recipients will conduct independent research on a chosen subject and share results through lectures on UM campuses other than their own.

The research projects of the 1984 award winners are:

Brodsky — "Victim, Brother, Self: The Image of Poles and Cashubians in Post-War German Literature."

Hause — "Hubertine Auclert: A Biography."

Lago — "Indian Art and Literature: English Interpreters."

Roth — "Virtue and Violence: Reflections on the Use of Violence as an Aesthetic Device."

Wixson — "Exiles in Their Own Land, A Critical Study of Jack Conroy's Work."

Olson: Band-Aid solution will only slow bleeding

Editor's Note: The following is the text of UM President James C. Olson's presentation to the Board of Curators at its special meeting in St. Louis Dec. 20.

Last September I testified before a committee of the Missouri Senate here in St. Louis as it investigated the need for additional revenue to maintain state institutions and services and to meet the challenge of the future.

Speaking of the University of Missouri, I told the committee that unless the state of Missouri can find some means of providing more adequate support — and do it soon — the continual existence of the University as a first-class, comprehensive institution is seriously threatened.

The failure of efforts during the recent special session to increase state revenues, the failure to move ahead with improvement of state facilities using bonds approved by the voters in 1982, and now another withholding of state appropriations lead me to believe that the decision has been made to follow the less desirable course in behalf of the University. Now, I can only hope that time will prove my assessment incorrect.

The University of Missouri is this state's most important intellectual resource, and it is being damaged by these recent decisions — and similar ones that have been taken during the past several years. The resulting damage is of growing seriousness. I only hope the damage will not be irreparable.

The University has struggled valiantly to keep the erosion of the past four years to a minimum, but our state support has continued to lag. In terms of real dollars, our buying power after inflation is only about three-quarters what it was in 1980.

Despite our striving, we see ourselves losing this fight to meet our responsibilities as the state's only comprehensive public research university, with its special extension and public service programs; we see an erosion of the financial base needed to train top quality graduates and develop new knowledge in areas vital to this state such as

agriculture, medicine, engineering, law, dentistry, nursing, pharmacy, veterinary medicine and many others.

To make up for inadequate state support, we have asked students to pay more, raising fees more than 55 percent over the last four years.

We have asked our faculty and staff to continue and in many cases increase their teaching and research loads, without corresponding increases in their compensation. During this current year we were unable to fund general salary increases.

We have delayed and cut back on maintenance, we have reduced or delayed purchasing of equipment, books and supplies.

We have increased our fees for other services; we have improved the management of our money; we have reallocated funds from support services to primary missions; and in general have sought to become more self-sufficient.

But these efforts cannot make up for declining state support. Despite all our trying, the University is starving.

Students, well-qualified students, are now telling us that they would like to study at the University but cannot afford the fees.

Loyal, veteran faculty and staff are becoming disillusioned with the future they see at the University of Missouri and are considering other opportunities. We are finding it more and more difficult to attract quality applicants, even unproven candidates, for our openings.

Educational, research and service programs are being hampered by lack of equipment and operating budgets, and exciting opportunities for cooperation with the state and private sector on behalf of a better state economic future are being hamstrung.

But here we are again replaying the same dreary scenario. Once again we are faced with a reduction in our inadequate state appropriation, this time totaling \$3,346,932. It is not as much as we had earlier feared we would be forced to absorb. But it is a further blow to the University's ability to provide quality educational services to Missourians, a

further erosion of the University's strength.

Anticipating that something of this nature might befall us, we have withheld some funds internally, which we had hoped could be used during second semester for badly needed library books, improved laboratory and computing equipment and instructional staff.

We will have to reduce other expenses and despite the fact we have increased fees again and again, and are now at the fee ceiling suggested by the coordinating board, I have no choice but to recommend a small surcharge.

Admittedly, the proposal is a Band-Aid approach, which will only help slow the bleeding of the University during the second semester.

The action being recommended is certainly not a permanent solution. Increased fees, expense reductions, staff reductions, are not the answer to Missouri's need for an excellent system of higher education which can attract a new generation of business and industry to our state, can provide us with quality professionals and the leaders of tomorrow.

The governor has announced that this cut is to be made permanent. If that is correct, then Missourians can no longer expect their University will be both first-class and comprehensive.

It appears that there is little likelihood adequate state support will be forthcoming within the next year. In the weeks ahead we will be considering additional measures up to and including the declaration of a state of financial exigency for the University.

Officials clarify new board policy

Editor's note: In response to inquiries about the recently adopted Board of Curators policy on "Defense and Protection of Employees," the following statement has been prepared by the UM system Office of Academic Affairs to further explain the purpose of the new policy.

The University recognizes that participation in decision making within the University may entail some risk of litigation. Decisions about hiring, recommendations for promotion and tenure or salary increases and other normal academic judgments all might result in lawsuits. At the same time, faculty, staff and administrators must make those responsible judgments and contribute as appropriate to the essential decisions that will determine the University's future. In order to enable that kind of responsible participation, the Board of Curators has adopted a policy to defend and protect all University staff in their University capacities, whether they are sued in those capacities or as individuals. Basically, the policy provides that the University will defend University faculty members or employees acting within the scope of their official duties for the University at the time of the incident. In addition, the University will provide financial protection for such University faculty or employees against any monetary judgment assessed against them as long as they were not found to have had willful or wanton intent to discriminate or act inappropriately. It is hoped that this protection will reassure faculty and administrators that they may participate without fear on committees or as individuals in decisions made within the University.

UM 1982-83 financial report

Regardless of the amount of resources the University of Missouri receives in any one year, it must manage those resources responsibly. The financial condition of the University at the end of Fiscal 1982-83 (June 30, 1983) is graphically illustrated here:

where the money came from, where the money went and how the year compared with previous ones in terms of state appropriations, state receipts and inflationary considerations. Some fiscal facts about 1982-83:

- Total assets reached \$1.05 billion.

- Land owned totalled 27,661 acres.
- There were 12,801 full-time employees, 1,903 part-time employees and 6,912 student employees.
- Retirement benefits of \$7.18 million were paid to 2,506 people.

Employee ideas save UM money

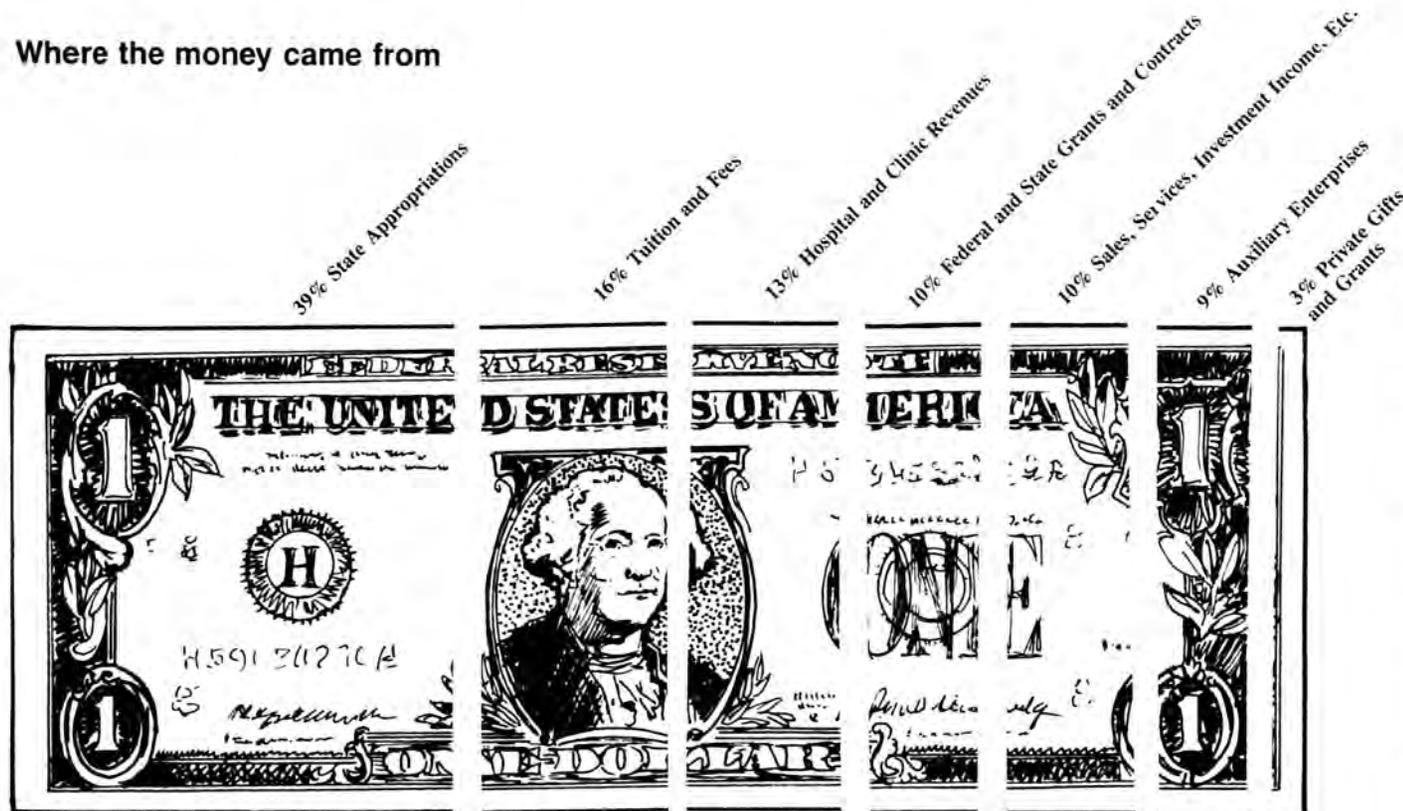
Modifications to physical facilities and administrative and operational changes resulted in significant financial savings for the University of Missouri during the 1982-83 fiscal year. Vice President for Administrative Affairs James R. Buchholz told the Board of Curators. As part of his annual financial report to the curators, Buchholz discussed the University's response to a resolution adopted by the curators 18 months ago asking employees to look for money-saving ideas.

"We saved several million dollars in the past fiscal year, thanks in part to dozens of suggestions from administrators, faculty, staff and students," Buchholz said. "Because the University system has suffered a decline in state support of 22 percent in real-dollar terms over the past three years (now 24 percent as a result of the 2 percent withholding announced Dec. 19 by Gov. Bond), it is more imperative than ever that each dollar in our nearly \$500 million budget be spent carefully."

Included among the many money-saving measures were improvements in the energy efficiency of several buildings, modifications in insurance coverage and insurance procurement, new building design and construction procedures, changes in purchase voucher processing and other financial procedures, office automation and mail pre-sorting to lower postage costs.

The measures selected for implementation were carefully screened to ensure they would not significantly harm the quality of University programs. Changes made by the central administration, as well as by all four campuses, contributed to the savings. Virtually all of the changes, Buchholz noted, will continue to provide savings in the future.

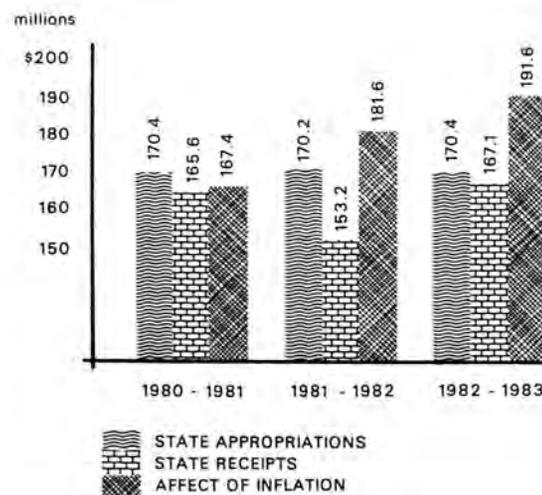
Where the money came from



Where the money went



Historically



The chart shows the three-year picture of what the state has appropriated, what the University has actually received and what it would have received if inflationary increases had been accounted for in the appropriation.

Curators approve research projects

The UM system Board of Curators has authorized 13 research projects on the University's Columbia and Rolla campuses for \$365,347 in Missouri Research Assistance Act funding.

This is the second group of research projects targeted for funding under the act.

The Missouri Research Assistance Act of 1982 helps fund research projects that enhance employment opportunities, stimulate economic development and encourage private investment.

UM will relinquish \$700,000 in Research Assistance Act appropriations to help cover a 2 percent state withholding announced in December by Gov. Christopher Bond. UM Vice President Mel George says that cut will not jeopardize funding of Research Assistance Act projects now in progress, these projects authorized by the curators in December or those for which competition is now under way.

All of the proposed projects were recommended to UM President James C. Olson by the University of Missouri Research Act Steering Committee, after receiving both University and outside evaluation as required by state law.

Under terms of the research act, state funds will pay no more than one-third of the cost of approved projects, with the remaining two-thirds obtained from non-state and non-federal sources. Outside funding is arranged by the researchers.

The state has appropriated \$950,000 in state research assistance funds.

The projects, the amount of state funding, the researchers and their campuses are:

Agriculture

- "Maximizing Nitrogen Use Efficiency in Minimum Tillage Corn," \$16,638, Roger G. Hanson, UMC.
- "Production Potentials of Short-Season Cotton in Southeast Missouri," \$19,516, W.P. Sappenfield, UMC.
- "Breeding Soybean Varieties for Double Cropping," \$37,013, Sam C. Anand,

UMC.

- "Immunochemical Characterization and Molecular Cloning of Mycoplasma Hypopneumoniae Antigens," \$72,463, Kim S. Wise and Mark A. McIntosh, UMC.

Industrial Processes

- "Computer-Aided Design Package for Three-Dimensional Mechanisms," \$10,774, David D. Ardayfio, UMR.
- "Function/Structure of Modified Nucleosides in Nucleic Acids: Chromatography of Nucleosides, Oligonucleotides and Peptides/Proteins," \$77,000, Charles W. Gehrke, Kenneth C. Kuo and Robert W. Zumwalt, UMC.

- "Determination by Positron Annihilation of the Defect Concentration in Steel Generated by Fatigue Cycling and Its Effect on Fatigue Failure," \$14,945, Hollis P. Leighly Jr., UMR.

Information Processing, Storage and Retrieval

- "Study of Cost Effective Data Storage, Retrieval and Image Enhancement Techniques for an Ultrasound Diagnostic Medical Instrument," \$18,560, Thomas J. Herrick and Hardy J. Pottinger, UMR.

Natural Resources Management

- "Development of Geophysical Means to Detect Hazardous Waste Leachate: A Simulation of Missouri's Waste-Bound Industry," \$8,219, Allen W. Hatheway, UMR.
- "Clinical Tests in Aquatic Toxicology: A Novel Approach for Evaluating Chemical Safety," \$70,000, Charles O. Knowles and Foster L. Mayer Jr., UMC.
- "Stabilization of Steep Slopes That Are Created During Reclamation of Land Disturbed by Surface Coal Mining," \$17,170, C. Dale Elifrits and N.B. Aughenbaugh, UMR.

- "Ore Microscopic and Electron Microprobe Study of the Boss-Bixby Cooper-Iron Deposit, Dent County, Mo.," \$2,049, Richard D. Hagni, UMR.

- "Characterization of the Occurrence of the Cobalt-Nickel and Silver Mineralization in the Southeast Missouri Lead District," \$1,000, Richard D. Hagni, UMR.

Klinkerman named purchasing director

UMca Director of Purchasing Harry J. Fields will retire Feb. 29 and Emmett A. Klinkerman, now director of environmental health and safety at UMC, has accepted an appointment to the purchasing position, announces Tom Hussey, assistant vice president for business services.

Fields has been with the University for 38 years, 14 as purchasing director. Klinkerman is a 32-year UM employee.

Klinkerman's appointment is effective Feb. 1. As purchasing director, he will work within the Division of Business Management directed by Gebeyaju Ejigu.

Fields joined the University Jan. 1, 1946, as an assistant to Leslie Cowan, vice

president for business services and secretary to the Board of Curators. In April 1946, he became auditor at the School of Mines and Metallurgy, now UMR. By September he had been promoted to business manager. He became director of purchasing at UMC in 1955 and joined UMca in that same capacity in 1969.

Klinkerman joined the University May 1, 1951, as auditor at UMR. He was named assistant auditor at UMC in October, was promoted to assistant business manager at UMC in 1952, returned to UMR as business manager in 1954 and was appointed business manager of UMC in 1966. He was named to his present post in 1983.

New personnel manual issued

A new Personnel Policy Manual has been issued, culminating several months of cooperative effort on the part of the central administration offices of business services, personnel services and payroll. The contents of the new manual supersede Sections 03 (personnel) and 05 (payrolls and salaries) of the present Business Policy and Procedure Manual.

The remaining sections of the Business Policy and Procedure Manual will be consolidated into a single volume. Efforts are under way to restructure and revise the Business Policy and Procedure Manual. It should be available some time this year.

Questions about the new Personnel Policy Manual should be directed to the campus office coordinating the assignment and issuance of this manual:

UMC — Office of Associate Vice Chancellor, Administrative Services

UMKC — Office of Personnel Services

UMR — Office of Personnel Services

UMSL — Office of Personnel Services

UMca — Office of Personnel Services

Questions about personnel policy interpretation should be directed to personnel offices.

Marriott to manage hospital department

The Nutrition and Dietetics Department of the UMC Hospital and Clinics is being managed by the Marriott Corp. of Washington, D.C. The contract, effective Jan. 15, has been approved by the UM system Board of Curators.

Marriott Corp.'s contract is through Jan. 14, 1985. First-year estimated cost is \$194,000, with the option to renew for two successive years.

The management service is intended to improve productivity, ensure the quality of meals served and decrease labor costs. The department is responsible for all patient meals and the hospital and clinics cafeteria.

It is estimated that the use of contract management in the department will save \$580,000 annually.

No layoff of nutrition and dietetics employees is anticipated, with all employee reductions resulting from the change to take place through attrition.

The proposal calls for the management service to provide a manager and two assistants who will implement a departmental reorganization. Food will continue to be purchased through the University procedures currently used.



Elections

David M. Compton, UMC professor and chairman of recreation and park administration, has been elected to the board of directors of the Society of Park and Recreation Educators of the National Recreation and Park Association. He was also appointed to the NRPA board of trustees Communication and Information Committee.

Bernard Lubin, UMKC professor of psychology, has been elected chairman of the American Psychological Association's Sponsor Approval Committee (Continuing Education).

Charles W. Gehrke, professor of biochemistry and manager of the Experiment Station Chemical Laboratories at UMC, has been elected president of the international Association of Official Analytical Chemists. The organization tests and approves laboratory methods for measuring chemicals in products related to agriculture and public health and conducts research in analytical chemistry.

Richard C. Erickson, UMC professor and chairman of practical arts and vocational/technical education, has been elected president of the University Council for Vocational Education, which comprises 19 major universities.

Walter Daniel, UMC professor of English, has been elected to a four-year term on the Commission of Institutions of Higher Education, the North Central Association of Colleges and Schools.

Donald D. Myers, UMR assistant professor of engineering management and director of the UMR Center for Technological Development, has been elected senior vice president for publication and research for the International Council for Small Business for 1984.

Asit P. Basu, UMC professor of statistics, has been elected a fellow of the Institute of Mathematical Statistics and a fellow of the American Statistical Association. He was the only person this year to become a fellow of both prestigious societies simultaneously.

June Chance, UMC professor of psychology, has been elected president of the Midwestern Psychological Association, the largest regional psychology organization.

Larry D. Clark, UMC professor of speech and dramatic art, is chairman-elect of the American College Theater Festival, an AMOCO-sponsored nationwide competition for college productions.

Donald E. Mc Glothlin, UMC professor of music, has been elected to a three-year term as a member of the board of directors of

the National Association of Schools of Music and as chairman of the association's Region III, which includes Missouri. The association is responsible for the accreditation of music curricula in higher education in the United States.

Allen W. Hatheway, professor of geological engineering at UMR, has been elected and installed as vice president of the Association of Engineering Geologists. The national society represents the professional practice of geological engineers.

Sue Langhorst, research scientist at the UMca research reactor, has been elected treasurer of Women in Energy, an organization that promotes knowledge and understanding of energy issues through its national, state and local communications network.

Awards & Honors

Current and former UMSL faculty presented "The Women's Room," a multimedia readers theater production, at the invitation of the Speech Communication Association during its annual convention in Washington,

D.C. The cast included UMSL faculty **Marsha Littell**, **Laurie Steiner** and **Don Shields** and former faculty **Deborah Gwillim** and **Claudia Trapani**. The production was adapted and directed by **Elizabeth Kizer**, assistant professor of speech at UMSL.

Herbert F. Lionberger, UMC professor of rural sociology, received the Rural Sociological Society's distinguished award at meetings in Lexington, Ky. The worldwide society honored Lionberger for his commitment to rural issues, rural people and the Rural Sociological Society, with special recognition for his research in farm practice adoption and his efforts to bridge the gap between social science knowledge and use.

Anne Edwards, geography, history and philosophy librarian at UMC's Ellis Library, has been awarded a certificate of appreciation for services rendered to the Governor's Committee on Employment of the Handicapped.

Richard C. Schofer, UMC professor and chairman of special education, received a special recognition award at the annual meeting of the National Consortium on Physical Education and Recreation for the Handicapped. Schofer, who is president of the Higher Education Consortium for Special Education, was cited for his work as national consortium election supervisor and other contributions.

UM negotiates new rates for car rental, moving

The University of Missouri has negotiated new discount rates with two car rental firms and has agreed to participate in the discount programs offered by two household moving firms.

"Discounts granted on the basis of the University's volume business in car rental and moving expenses will mean considerable savings," says Charles Cottingham, coordinator of management support and analysis for UMca.

The announcement follows a similar announcement in September that the University had negotiated lower rental rates from National Car Rental.

The new car rental agreements are with Budget Rent A Car and Hertz Rent A Car.

The new agreement with Budget Rent A Car, which is effective immediately, provides a \$29 daily rate for any size car, economy through full size (the Lincoln model is an exception). The new rate represents a savings of \$4 a day over the former rate.

The new rate is available for both business and personal travel, but only at participating locations.

A new account number has been assigned, so previously issued identification credentials (account number 444442) will not entitle employees to the new rate. New identification credentials may be obtained from these designated campus offices:

- UMC—Office of Business Services
- UMCHC—Hospital Purchasing Department
- UMKC—Purchasing Department
- UMR—Office of Administrative Services
- UMSL—Office of the Assistant Vice Chancellor, Administrative Services
- UMca—Office of Business Services

The agreement with Budget Rent A Car specifies that identification credentials be issued only to employees 21 years of age or older.

Effective Dec. 1, the discount on published daily rates provided under the University's agreement with Hertz Rent A Car increased from 18 percent to 22 percent.

"While discounted rates offered by Hertz will generally run higher than the rates offered by Budget Rent A Car or National Car Rental, there may be occasions when Hertz is the only car rental agency available," Cottingham says, "and in those cases, the additional discount will be beneficial."

The University has also made arrangements to participate in the volume incentive programs of both Allied Van Lines and North American Van Lines.

Under these programs, a discount is given on the linehaul (transportation) charge for interstate moves of household goods. Both firms currently offer a 10 percent discount, but that rate will be adjusted according to the volume of business generated.

According to the Allied Van Lines program, the discount will apply to the entire linehaul charge of any move in which the University is listed as the shipper, regardless of the amount actually paid by the University.

The North American Van Lines program

UMC alumnus donates money for estate planning

A gift from a 1937 graduate of UMC-Columbia, Robert A. Graham of Westport, Conn., has been given to the Columbia campus for the unique purpose of establishing a center for estate planning.

Graham's creation of an endowment fund was announced at a meeting of the UMC Alumni Association's board of directors. He represents the northeast region of the United States on the board.

The Robert A. Graham Center for Estate Planning will sponsor programs to motivate, educate and increase participation in the creation of endowed funds. It is the nation's first deferred gifts center funded by private gifts.

Guy H. Entsminger, vice chancellor for alumni relations and development, will serve as director of the center. The University will pay the salaries of the staff members; investment earnings from the endowment fund will pay for the operational programs.

allows the discount to apply only to the amount of the linehaul charge billed directly to the University.

However, Simmons Moving and Storage, the North American Van Lines agency in Columbia, has agreed to guarantee the discount for the entire linehaul charge, even if it exceeds the amount allowed by the University and a portion of the charge is paid c.o.d.

The Simmons offer applies to all interstate moves, regardless of origin or destination, but only if the move order is placed with the Columbia firm. Simmons will assume full responsibility for coordinating aspects of the move.

In order for the University to take advantage of the moving discounts, the firm receiving the move order must be advised that the move is for the University of Missouri under the firm's volume discount program.

More information about the moving discounts is available from the campus offices listed above.

U.S. Bureau of Mines assists UMR center

The U.S. Bureau of Mines has awarded a two-year, \$550,000 enhancement grant to the Generic Mineral Technology Center for Pyrometallurgy at UM-Rolla. Arthur Morris, director of the center and UMR professor of metallurgical engineering, says the grant will enable the center to expand the scope of its research and operate at a higher level of activity.

"There is a critical need in industry for long-term pyrometallurgy research on chemistries and approaches that differ substantially from those of conventional extraction processes," Morris says.

The center conducts research on the improvement of high-temperature processes used in obtaining and purifying metals. It was established at UMR in 1982 with funding from a three-year, \$1,003,000 grant from the Bureau of Mines. The center is one of the nation's four generic mineral technology centers.

Purdue University, which assists the UMR center, will share the grant.

Hospital center named for former curator

The memory of a former member of the UM system Board of Curators has been honored by Oak Hill Hospital in Joplin.

The hospital's new pulmonary care center has been named in honor of William C. Myers Jr., a member of the Board of Curators for 10 years, including two years as president. Myers was a member of the hospital's board of directors from 1959 until his death from pulmonary disease in May 1983.

He was a 1949 graduate of the UMC School of Law.

Memorials to the William C. Myers Jr. Pulmonary Care Center may be sent to Oak Hill Hospital, 932 E. 34th St., Joplin, Mo. 64801.

Grants tallied

The University of Missouri received more than \$9 million in grants from federal, state, business, industry and other private sources in September and October.

A breakdown of the 179 grants shows distribution of the grants: UMC, 117 grants, \$6,504,115; UMKC, 19 grants, \$516,772; UMR, 22 grants, \$1,626,503; UMSL, 19 grants, \$377,588; and UMca, two grants, \$51,237. The total is \$9,076,215.

In September, 76.2 percent of the grant money was for research, while research projects were targeted for 82.3 percent of October's money.

Contracts awarded for UMC projects

Contracts have been awarded to expand and renovate the VIP section of the press box at Memorial Stadium and to install outdoor lights at Simmons baseball field, both on the Columbia campus.

Irvinbilt Co. of Chillicothe submitted a low bid of \$314,500 for the press box work, the lowest of six bids received.

The number of seats in the VIP level of the press box will be increased by 56, from 268 to 324. The VIP area will be glass enclosed to permit heating and air conditioning. In addition, the entire VIP level — the Tiger Lounge, concession area, restrooms and seating areas — will be remodeled and new lights installed.

The total cost of the work will be \$465,862, which includes the construction contract, architect fees, movable equipment and construction supervision.

The work will be financed with a loan of \$400,000 from Plaza Bank in Kansas City and \$65,862 in athletic department funds. The loan will be repaid with income designated from the sale of seats in the VIP area.

Meyer Electric Co. of Jefferson City, one of three companies bidding, submitted the low bid of \$203,238 to install lights at Simmons baseball field. The project, estimated to cost a total of \$251,920, will be financed with \$76,920 in athletic department funds and \$175,000 from the City of Columbia, which may use the field for city league games when scheduling permits.

Board awards contract for UMKC renovation

A construction contract has been awarded to renovate a UM-Kansas City building.

AAA McCullough Construction Co. of Kansas City submitted a bid of \$372,590 for the work, the lowest of nine bids received.

Plans call for renovation of the south area of the second floor of a building at 4825 Troost. Work will include demolition of several walls and a portion of the roof; construction of new walls; installation of doors, ceilings, light fixtures, heating and air conditioning; and repair of the roof and parking lot.

The renovated area will include 6,688 square feet for KCUR-FM radio station, 1,920 square feet for continuing education and 1,145 square feet for the office of "New Letters," a UMKC literary magazine.

The renovation is expected to cost a total of \$445,049. The work will be financed with \$100,000 from the University of Kansas City Trustees, \$300,000 from interest income on unrestricted performing arts plant funds and \$45,049 in campus facilities improvements plant funds.

Curators sell land

The UM system Board of Curators has authorized the sale of 80 acres of land in Livingston County to Harley Shearer and Mabel Shearer for \$120,000.

The land had been received by UMC-Columbia from John M. Deal for the John M. Deal Unitrust II.

Jobs

The following administrative/professional and academic vacancies were listed with *Spectrum* as of Jan. 13. Anyone interested in a position should contact the appropriate department or personnel office.

UMC: assoc./full professor, medicine, and director, pulmonary diseases; assoc./full professor, medicine, and chief, medical services, VA Hospital; research associate, microbiology, pharmacology, chemistry; asst. professor, agricultural economics (2), broadcasting, animal sciences (2), forestry, fisheries and wildlife (2), medicine, business administration, radiology, child health, geology (2), surgery; assoc. professor and director, Penney-Missouri Program, Editorial; asst. professor and extension turfgrass specialist, horticulture; asst./assoc. professor, English, medicine (3), surgery; asst./assoc./full professor, industrial engineering; assoc./full professor, pathology; postdoctoral fellow, psychiatry (4); postdoctoral research fellow, radiology; instructor/asst./assoc./full professor, nursing; instructor/asst. professor, nursing; asst. dean for undergraduate program, nursing; instructor, Mo. Fire and Rescue Training Institute; staff physician; research specialist; asst. supervisor, custodial services; administrative associate I; computer engineer; grants and contracts specialist; information specialist.

UMca: sr. research scientist.

UMC Hospital: administrative nurse I; clinical nurse I; computer project manager; manager, occupational therapy; nurse anesthetist; pharmacist; assoc. administrator, university physicians; learning skills specialist;

sr. systems programmer; cancer registrar; clinical dietitian, education nurse I; IV nurse; nurse practitioner; rehabilitation counselor.

UMKC: dean, law; asst. professor, clinical pharmacy; grader, business and public administration; research assistant, education, biology, chemistry, UMKC Institute (2); professor, banking; director, computer science programs; asst./assoc. professor, fixed prosthodontics, removable prosthodontics, mathematics/computer sciences (2), accountancy, computer science, operative dentistry (2); visiting professor, theatre; adjunct faculty, theatre, biology; research associate, UMKC Institute; instructor, communication studies; coach, tennis; sr. research assistant, UMKC Institute; theatre assistants, Professional Repertory Theatre; administrative associate II; editor; enrollment services coordinator.

UMR: professor, electrical engineering; professor, mining engineering, and director, rock mechanics and explosives research center; asst./assoc. professor, geological engineering, physics (2); asst. professor, speech and media studies, mathematics, foreign languages, economics, civil engineering; research asst. professor, ceramic engineering, materials research; asst./assoc. professor and sr. research investigator, rock mechanics and explosives research center; production manager, radio; research specialist.

UMSL: asst./assoc./full professor, optometry (2), accounting; asst. professor, administration of justice (2), astronomy; faculty member, instrumental music/symphonic band; postdoctoral fellow, biology; chief, optometry low vision clinic.

SPECTRUM

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