

Long-range planning process continues

Addressing University Club members on the Columbia campus April 14, UM President James C. Olson reinforced the need for long-range planning in order to provide for quality improvement in the face of the present financial problems and to respond to future needs.

"We're in a tough situation, and it's not going to get better immediately," Olson said. "The question before us is what are we going to do about it?"

The long-range planning effort now underway is designed to put the University in better shape to live with the reduced 1982-83 state support level, to cope with the uncertain forecast in state and federal support and to protect programs and personnel from further erosion of quality due to lack of adequate funding.

While some steps have already been taken, primarily in enrollment ceilings and reductions, Olson said he expects additional proposals to reallocate funds in the campuses and central administrative units and to generate additional non-state funds to be completed before the 1982-83 fiscal year gets underway.

Related to the long-range planning is the development of the budget for 1982-83, due before the Board of Curators in June, and the request for state funds for 1983-84, the subject of public hearings underway on the campuses (see related story).

Olson also has notified campus chancellors that some improved factors and a modified approach to achieve the compensation goals have resulted in new figures that are lower than those announced last summer. The compensation goals account for only a portion of the reallocation required throughout the University.

In this connection, Olson has noted that the state appropriation approved by the Joint Conference Committee and awaiting General Assembly action exceeds inflation, which is better than earlier expectations. State funds, together with improved non-state revenue, suggests the University will have more resources—not fewer—for the next fiscal year.

"That fact makes it easier to continue with our plan to improve the comparative level of compensation for faculty and staff compared to the market, but it does not obviate the need for some reductions in activities in order to achieve our (long-range) goal of quality," he said.

Meanwhile, the board's Academic Affairs Committee met April 7 in St. Louis to hear a progress report from the UM president and his staff on the planning process. The focus of the discussion was on the Columbia campus programs being reviewed for reduction or elimination in order to achieve a \$10 to \$12 million reallocation.

Here is a brief status report on the planning process:

- **Columbia campus:** A report identifying academic areas for possible reallocation has been submitted to a campus review committee by Provost Ronald Bunn. The possible reductions are based on criteria developed earlier. That committee, along with four others reviewing various non-academic proposed reductions, is scheduled to make recommendations to the chancellor in May.

- **Kansas City campus:** A campus review committee submitted its report to Chancellor George Russell earlier this week with options for target areas of reduction and for

increasing revenue. Russell told the Academic Affairs Committee earlier this month that he may have to eliminate 200 to 300 faculty and staff positions over the next three years. UMKC already has reduced enrollment levels for its medical and dental schools, beginning next fall.

- **Rolla campus:** Since UMR has already limited its campus enrollment to the current level, Chancellor Joseph Marchello says he will not announce program reductions until next year. A campus committee has been appointed to review UMR's long-range plans and to make recommendations to the chancellor.

- **St. Louis campus:** Chancellor Arnold Grobman says there will be no programs eliminated under the revised reallocation figures in 1982-83 in order to meet the compensation goals established by the UM system. Planning for 1983-84 and 1984-85 is still underway, with tentative decisions expected later this year.

- **Central administration:** Program adjustments being prepared for Missouri Cooperative Extension Service will be forwarded to Olson in mid-May. The major budget unit within central administration is cooperative extension. Program adjustments are being made by reorganizing state and area administration into regions, combining the continuing education and business-industry programs, and reducing field staff by approximately 40 positions. The plan is being reviewed by county extension councils and the state advisory council. Plans for reductions in other UMca academic, administrative and support service areas are being developed as well.

Bond appoints 3rd new curator

Former curator's son to replace Williams

Tom K. Smith Jr. of St. Louis, a retired senior vice president of Monsanto, has been appointed to the UM Board of Curators by Gov. Christopher Bond replacing Rex Williams of Rolla, whose term expired more than a year ago, to represent the new 2nd Congressional District.

Smith's father, now deceased, was an UM curator from 1939-45 and president of the board from 1943 until 1945.

The new curator is a graduate of Williams College in Williamstown, Mass. He was a major in the army during World War II and retired from Monsanto in 1979 after being associated with the chemical firm for more than 40 years.

He currently serves on the boards of Reynolds Metal Co., Clayton Federal Savings and Loan, Missouri Botanical Gardens, St. Louis Symphony Orchestra and Mark Twain School.

Smith's appointment must be confirmed by the Missouri Senate. Once confirmed, Smith would join two other new curators, Larry Robinson of Springfield and Doug Russell of Lebanon, to terms expiring Jan. 1, 1987.

UMSL's Leventhal receives annual Presidential Research Award

Jacob J. Leventhal, UMSL physics professor whose work in atomic and molecular physics has brought him acclaim from the international scientific community, has received the UM system's third annual \$10,000 Presidential Research Award to support his continuing research.

UM President James C. Olson announced the award after a review committee, composed of faculty from the four UM campuses, unanimously recommended Leventhal for the award.

The president also announced that an additional \$1,017,055 will be used to fund research projects throughout the UM system.

These projects and the presidential award are supported by investment income on proceeds from the 1979 sale of UM's Weldon Spring property in St. Charles County. Investment income is being used to support scholarly, artistic and creative instruction-related activities of University faculty.

This year the Columbia campus will receive \$259,623, UMKC \$219,993, UMR \$209,474 and UMSL \$211,325.

"The Weldon Spring awards recognize the importance of the University's commitment to research, which affects the well-being of Missouri, directly or ultimately," Olson said. "In a very real sense, the University faculty is the state's most valuable intellectual capital. Putting dollars into furthering their research and creativity is an excellent way to maintain that capital."

Leventhal, now chairman of the physics department, joined the UMSL faculty in 1968. He has specialized in the experimental study of fundamental processes involved in



Jacob J. Leventhal

energy-exchanging interactions. The native St. Louisian's experiments probe the microscopic nature of energy transfer, which scientists say is essential to the development of practical devices such as fusion reactors and modern lasers.

The award recognizes Leventhal's work over the last decade that combines low energy ion beam techniques with mission spectroscopy, which involves the analysis of light emitted by energy-rich atoms or molecules, as in a neon sign.

The 44-year-old physicist has applied his basic research findings especially in the

fields of laser development, the understanding of atmospheric phenomena and the interpretation of plasma physics experiments necessary for electrical power generation by fusion reaction.

"I undertook these experiments purely for basic research reasons," says Leventhal, "but it's another illustration of how basic research ultimately can be applied. The fact that we've found such applications is the gravy."

In addition to the Presidential Research Award project and individual campus projects, five intercampus projects will receive a total of \$116,640.

- Gary Ehrhardt of the UM Research Reactor in Columbia, Richard Holmes of the UMC School of Medicine, and Delbert Day of UMR's ceramics engineering department, will receive \$14,950 to work on a more effective treatment for liver cancer. In the U.S., the liver is the most frequent site for spreading of lung, breast and colon cancers. The UM team believes that treatment can be refined by manufacturing microscopic phos-

phorus glass beads that can be irradiated and then injected into the liver. The tiny beads lodge in the tumor and deliver highly focused radiation therapy. If they are successful, the UM scientists also consider the treatment a hopeful alternative to chemotherapy, which causes significant side effects.

- Thirteen political science and public administration faculty from the Kansas City, Columbia and St. Louis campuses will receive \$50,000 to conduct a one-year study on Missouri's fiscal crisis. E. Terrence Jones, director of public policy administration at UMSL, is coordinator of the project studying six interrelated topics. Results of the study will be published in book form.

- Clark Watts, chief of neurosurgery at UMC's Health Sciences Center, and H. Dean Keith, an associate professor of engineering mechanics at UMR, will receive \$10,540 to study performance of shunting systems used to treat hydrocephalus. Shunts control the abnormal increase of fluid in the cranial cavities of hydrocephalic children who oth-

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CENTRAL ADMINISTRATION
HAVENER JR., RALPH S
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Research awards

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erwise suffer brain atrophy and mental retardation. Watts and Keith expect to recommend revisions in the designs of shunting systems now sold to hospitals.

• The atomic physics laboratories of Jacob Leventhal at UMSL and Laird Schearer at UMR are among only a handful of such facilities in the world doing experimental studies on laser-dependent atomic energy transfer processes. The two physicists will receive \$22,450 to collaborate on techniques to better characterize and understand the phenomena of atomic reactions that can be induced, or "switched on," by the presence of a laser field.

• A group of UM humanities faculty

will receive \$18,700 to be used as start-up funds for a Weldon Spring Humanities Seminar. Howard Mancing, UMC associate professor of Spanish, is coordinator. Other members are Mark Burkholder, UMSL professor of history; Noble Cunningham, UMC professor of history; Allen Thiher, UMC associate professor of French; Edward Walter, UMKC professor of philosophy; and James Wise, UMR professor of English. Humanities faculty from all campuses will be selected as members of the seminar. Its overall purpose will be to support humanities scholarship through special conferences and a visiting fellow program so as to create a more exciting intellectual climate for faculty and students. It is hoped that ultimately external funds can be attracted to make the seminar a continuing activity, to include a biennial Missouri Humanities Conference.

Industrial, technical referral center serves Missouri business, industry

By Howard Mitchell

UM has a hidden resource—literally. Tucked in a corner of the Engineering Building on the UMC campus, the Industrial and Technical Referral Center provides a unique service for business and industrial firms in Missouri, and also for University faculty and extension specialists.

"Missouri firms and UM faculty and staff working with businesses can call the referral center for help on any business-related problems and questions," says William McMahl, director of the center.

The center began as a time-saving device for businesses around the nation

Occasionally the center consults with other universities.

A good example is a recent request to find a standardized accounting system for the manufacture of wood products. The answer wasn't available in Missouri, but it was available at the North Carolina State University Industrial Extension Center, located in a big furniture manufacturing state.

Other sources of information include government agencies, experiment stations, the University's Technical Information Center located in Linda Hall Library in Kansas City and manufacturers.

Requests from businesses have included questions about industrial energy conservation, retail floor layouts, ways to conduct interviews, advertising techniques,



interested in locating information that is not readily available. Because of budget restrictions, the center now primarily serves businesses within the state, according to Virginia Nettleton, administrative assistant at the center.

Nettleton says the center can locate help in identifying and defining specific industrial problems, can make referrals to professional consultants for securing further engineering and management assistance and can disseminate information on timely technical and management subjects through extension field specialists.

"In this era of trying to promote business and industry to come and invest in the state," she says, "the center is a valuable resource for businesses already here and another reason for business and industry to stay in Missouri. It is also another example of the close relationship between the University of Missouri and the rest of the state."

The center uses information sources that any good librarian would use, in addition to some hardnosed detective work. University Extension specialists are frequently consulted as well as faculty members at the four UM campuses.

penetration of foreign markets and prevention of law suits. Nettleton and the staff also have lined up foreign students to talk with businesses interested in making contacts overseas.

A recent request from a man writing an article about bridges dealt with the importance of rivets in bridge building. "We referred the request to UMC professor of civil engineering James Baldwin, an expert on bridge stress and construction," Nettleton says.

Some information is on hand at the center. A caller wanted to know about the financial profitability of bars and cocktail lounges and wanted profit and loss statements of the industry as a whole. The answer was found right in the center's files.

For business, the center is a time-saving and hence, a money-saving operation which doesn't compete with services rendered by consulting and engineering service firms. To use the service, available to anyone in the UM system as well as to private industry, call 314/882-3469.

UM Press brings home awards for book designs

The University Press has been chalking up awards for books published in 1981 and Director Edward D. King attributes the awards to the "holistic approach" the press takes.

"We're committed to producing quality books and that involves selection, editing, concept of presentation and marketing as well as design," says King.

The University Press, in its 23rd year of operation, publishes 30 books each year in the areas of American history, world history, literary criticism, poetry and short fiction, art history, music and regional interest.

"We try to bring something special to each manuscript," says King. "It's the little things that made the difference."

"Concrete Mama: Prison Profiles from Walla Walla," with photographs by Ethan Hoffman, text by John McCoy, and foreword by Tom Wicker, is one of only 38 nominees in the graphic awards category of the 1982 American Book Awards. The book is among five books nominated in the book illustration-photographs division. The 38 books that are finalists were selected from more than 600 entries submitted.

"Concrete Mama," designed by King, presents through 150 stunning photographs and interviews a revealing, sometimes shocking account of life in an American prison. Hoffman and McCoy spent four months in 1978-79 inside the Washington State Penitentiary collecting information for their portrait of prison life.

"Concrete Mama" is one of six books published by the UM Press which received awards from the 1981 Midwestern Books Competition. Also receiving awards were "The Forgotten Frontier: Urban Planning in the American West before 1890" by John W. Reys, "Earth's Song: What makes the crops rejoice, beneath what star to plow, of these I sing" by Leonard Hall, "Painters of the Humble Truth: Masterpieces of American Still Life, 1801-1939" by William H. Gerdt, "Directory of Contemporary American Musical Instrument Makers" by Susan Caust



Copies of the award-winning books, above, as well as many other titles are available from the UM Press. To obtain a catalog of books in print contact the press at 200 Lewis Hall in Columbia.

Farrell, and "Politics as Leadership" by Robert C. Tucker.

The Association of American University Presses 1982 Book Show presented awards for "Painters of the Humble Truth," "Concrete Mama" and "The Forgotten Frontier." "Concrete Mama" was also named one of the five outstanding books published on a Pacific Northwest topic during 1981 by the Pacific Northwest Booksellers Association.

"The Forgotten Frontier" and "Painters of the Humble Truth" were recognized with awards in the 33rd Annual Chicago Book Clinic Competition. "Painters of the Humble Truth" also received a silver award in the book category of the Mitchell Wilder Competition.

Financial aid faces delays

With the threat of the drastic cutbacks in student financial aid proposed by President Reagan for 1983-84 hanging overhead, this spring UM must also deal with federal administrative delays and additional cuts in funds for the current fiscal year which would affect awards to students for the 1982-83 school year.

The federal budget for 1982-83 will provide UM with \$2.6 million dollars less in federal student aid than the funds in 1981-82. In addition, the Reagan administration has requested additional reductions in several programs which could further reduce the federal aid available to UM next fall by \$340,000. The deadline for Congressional approval of the president's additional rescission request was April 22.

The federal aid picture for next fall is further clouded by federal actions which will delay the awarding and distribution of federal funds to all college and university students across the nation.

"It may be late May or June before we know how much money we have for next year and who should or can apply for aid," says Phillip Rokicki, UM director of student financial aid.

Rokicki is optimistic that students can expect to receive notice of their awards sometime during the month of June.

Rokicki says specific problems causing delays are:

• The government is requiring a 100 percent validation for all Pell Grant recipients. This will mean that all of the 10,000 UM applicants who apply for and are qualified for this award will have to go through an additional step of providing copies of their parents' 1981 income tax forms and submit the required validation form, steps which would increase processing time by eight weeks.

In addition, the federal government has not issued the payment schedule by which the University can inform the students how much their awards will be for the 1982-83 school year.

• The U.S. Department of Education has directed the University not to begin processing any Guaranteed Student Loan programs for the coming school year, until the department modifies further the regulations on who is eligible for the program. If the final regulations are not forthcoming in the next several weeks, it may be impossible to process all applications before the fall semester begins.

• The campus-based awards to the University are also delayed because the federal administration wants to reduce the funds available to students, and UM does not know the final amount of its awards in these programs. Campus-based funds are the Supplemental Education Opportunity Grants, National Direct Student Loans and the College Work-Study Program.



Appointments

Fred L. Mann, assistant director of international programs in the UMC College of Agriculture, will serve as executive secretary of the U.S. Presidential Mission to Peru this month. The high-level agricultural technical mission is at the request of Peru in response to President Ronald Reagan's offer to less-developed countries during the recent Cancun Conference in Mexico.

Patricia L. M. Plummer, UMR associate professor of physics and senior research investigator in cloud physics, has been appointed to the advisory board of the *Journal of Colloid and Interface Science*.

Alice G. Brand, UMSL professor of English, has been appointed to the editorial board of the *WPA Writing Program Administration*, a journal of the Council of Writing Program Administrators.

Awards & Honors

Larry Levis, UMC associate professor of English, has been awarded a Guggenheim Fellowship for 1982. The Guggenheim Fellowship is one of the oldest and most distinguished of academic honors. Levis is one of only 277 U.S. and Canadian fellows appointed by the foundation this year.

J. Donald Easton, UMC professor and chairman of the neurology department, was chairman of the seventh International Joint Conference on Stroke and Cerebral Circulation, sponsored by the American Heart Association.

James D. Dexter, UMC professor of neurology, was chairman of a meeting of the American Association for the Study of Headache held recently. Dexter also presented a paper at the meeting.

An article by **David Atkinson**, UMKC professor of law, on Justice Cardozo has been recommended in a *National Law Journal* weekly index to legal literature. This bibliography is a highly selected one used by many successful professionals to keep abreast of the important trends in their field.

Colored pencil drawings by **William A. Berry**, UMC professor of art, were recently featured in two national exhibitions.

Ronald A. Kohser, UMR associate professor of metallurgical engineering, is one of 25 educators in the country who are recipients of 1982 Ralph R. Teeter education awards from the Society of Automotive Engineers.

Anita D. McDonald, assistant dean of the UMSL College of Arts and Sciences, was co-presenter of a half-day preconference institute on "Computers for Developmental Instruction and Management," at the sixth national conference on Remedial Developmental Studies in Postsecondary Education.

Alice G. Brand, UMSL professor of English, is a finalist in the Signpost Press poetry competition.

Harriet H. Werley, associate dean for research at the UMC nursing school, is editor of "Nursing Information Systems," which has been named book of the year by the *American Journal of Nursing*. The book received the award in two categories—nursing education and nursing service.

Gail Imig, director of UM Extension home economics programs, co-chaired the coordinating committee of a recent national workshop for state leaders of home economics and 4-H. More than 120 state leaders attended the meeting in Washington, D.C.

Brian Vandenberg, UMSL assistant professor of psychology, gave the keynote address at the annual meeting of the Association for the Care of Children in Hospitals.

Richard Watson, UMC professor of political science, was selected as the first holder of the Wayne N. Aspinall Chair of History, Political Science and Public Affairs at Mesa College, Grand Junction, Colo. Watson is in Grand Junction for five weeks, teaching a course on the presidency and speaking to community groups and the general public. He is currently on sabbatical.

Jean Tucker, research fellow in the UMSL Center for Metropolitan Studies, spoke at the Society for Photographic Education's national conference on UMSL's photographic studies minor. She reports that it is the only minor of its kind and that others wish to use it as a model.

Nancy Marlin and **Martha McKinzie** of UMR are listed in the 1981 edition of *The Outstanding Young Women of America*. Marlin is assistant professor of psychology and McKinzie is a senior information specialist in the public information office. The outstanding young women of America program honors exceptional young women between the ages of 21 and 36 who have distinguished themselves in their homes, their professions and their communities.

Joyce M. Mushaben, UMSL assistant professor of political science, has been awarded a summer research fellowship by the German Academic Exchange Service which will include travel to Berlin, London and Zurich from May to August. Her project is "New Dimensions of Youth Protest in Western Europe."

Bobby Wixson, UMR professor of environmental health and director of the Center for International Programs, is president-elect of the Society for Geochemistry and Health and has joined the editorial board of the international journal, *Minerals and the Environment*.

The UMKC Conservatory of Music recently hosted the 1982 convention of the Music Teachers National Association. The Conservatory Orchestra participated in the competition finals concert and conservatory faculty presented several educational sessions during the convention week. Presenting sessions were: Dean **Lindsey Merrill**; professors **Wanda Lathom** and **Joanne Baker**; and assistant professors **John Obetz** and **Linda Ross**.

Screen prints by **Lawrence Rugolo**, UMC professor of art, have been selected by jurors to be included in two national print exhibitions.

Winifred Horner, UMC associate professor of English, is vice president of the National Council of Writing Program Administrators and serves as co-director of the Writing Program Evaluation and Consulting Service, which is funded by a grant from the Exxon Corporation. The service provides consultation visits to universities and colleges by experts in rhetoric and composition theory who have experience administering writing programs.

UMR's noon-hour Women-at-Work series received a second place award for creative programming from the National University Continuing Education Association in the women's education division. The series was developed by **Martha K. Fort**, coordinator continuing education; **Catherine Riordan**, assistant professor of psychology; and **Elizabeth Cogell**, instructor in humanities.

T. D. Luckey, UMC biochemistry professor, recently gave an invited lecture at Reuti, Switzerland, at a workshop on "Regulation and Modulation of Immune Activities." He also lectured at the Radiation Laboratory of the Austrian Academy of Sciences in Salzburg.

Truman Stauffer, UMKC geosciences professor and director of the Center for Underground Space Studies, recently received an achievement award from the UMKC Alumni Association. Stauffer is recognized as an international authority on the use of underground space and has worked as a consultant to Union Carbide, the National Science Foundation and the city of Kansas City, Mo.

William F. McMahl, assistant director of continuing engineering education at UMC, has been named "Educator of the Year" by the St. Louis chapter of the Society of Manufacturing Engineers. McMahl has been instrumental in establishing an advisory council of St. Louis engineering executives to advise the UMC College of Engineering on professional education needs of practicing engineers in the St. Louis area. He is also serving on the career guidance committee and committee for career guidance for the disadvantaged student within the American Institute of Chemical Engineers.

Fred Willman, UMSL associate professor of music, served as organizing chairman for all general music sessions held at the recent Music Educator's Association convention. **John Hylton**, assistant professor of music, presented a paper at the convention.

The dissertation by **Joyce Marie Mushaben**, UMSL assistant professor of political science, has been ranked third in the country by the Association for the Study of Higher Education Review Committee in the National Outstanding Dissertation Awards Competition.

Diane Toulitos-Banker, UMSL assistant professor of music, has been awarded a National Endowment of the Humanities Summer Stipend for research at the Vatican Biblioteca Apostolica in Rome, Italy. The award will be used in researching her second book.

Elections

Mary Lago, UMC professor of English, has been elected a senior member of the College of Fellows of St. Edmund's House, a postgraduate college of Cambridge University. She has also been selected as an observer of the Bach-Handel course in July at the Britten-Pears School in England.

Kathleen Haywood, UMSL assistant professor of physical education, has been elected a fellow of the research consortium of the American Alliance for Health, Physical Education, Recreation and Dance.

Gale C. Hankins, assistant dean for business affairs in the UMKC dental school, was elected president of the National Association of Educational Buyers. The National Association of Educational Buyers is a professional association of over 2,100 colleges, universities and hospitals and is one of the largest associations serving the business side of higher education.

Mel Zelenak, UMC assistant professor of family economics and management, has been elected to a three-year term on the board of directors for Consumer Federation of America, a national organization of more than 200 consumer groups.

Ed Metzen, UMC chairman of family economics and management, has been elected a distinguished fellow in the American Council on Consumer Interest. Metzen is one of only 16 individuals who have received fellow status in the UMC-headquartered group, which represents professionals who support consumer education and research.

Melvin D. George, UM vice president for academic affairs, and UMKC Chancellor **George A. Russell**, have been elected to the international advisory council of InterFuture. They will help the non-profit educational organization shape its program of crosscultural research for U.S. and foreign undergraduate students. Forty colleges and universities are cooperating institutions of InterFuture, which operates in 11 countries.

Herwig Zauchenberger, dean of the UMKC graduate school, has been elected president of the Graduate Deans of the Mid-America State Universities Association.

Kristin K. Offutt, promotion manager for UMC radio station KBIA-FM, has been elected to serve a two-year term on National Public Radio's public information advisory committee. The committee represents the more than 200 member stations across the country in advising NPR's public information department in Washington, D. C.

Gary N. Onofry, UMC manager of patient accounts for the University Physicians, was recently elected vice president/president elect of the Medical Group Management Association of Missouri. The association is committed to improving the management of medical group practice in the state.

Gary Smith, UMC registrar and director of admissions, has been chosen president elect by the Missouri High School-College Relations Commission. Smith will take office in the fall of 1983.



VIENNESE FESTIVAL
SPRING 1982

APRIL IN VIENNA—in Kansas City is a month-long celebration of Viennese music, films, lectures, exhibitions and musical performances. Above, Ingrid Ketterman, UMKC acquisitions librarian, arranges items in an exhibit for the Viennese celebration.

Capital improvements bill on ballot in June

The \$600 million capital improvements legislation, HJR 113, has passed the General Assembly and will be placed on a statewide ballot in a special June 8 election once the bill is signed by Gov. Christopher Bond, who supported its passage.

The bond issue is designed to boost capital project funding, which all but disappeared when federal revenue sharing ended. If approved by Missouri voters, funds would be used to maintain and renovate state buildings as well as provide for new facilities.

UM officials estimate that the University system could receive around \$91 million from the bond issue over a five-year period. University officials have identified the need for \$261 million in capital improvements.

Hearings on request for '83-84 funds begin

Compensation remains the top priority in the preliminary state appropriations request for 1983-84 being discussed at public hearings on the four UM campuses.

At the first hearing in Columbia April 14, Vice President James Buchholz indicated that UM is considering a requested increase of \$23.1 million more than is now being proposed by the General Assembly for 1982-83. Buchholz said this 13.5 percent increase represents adjustments for inflation and some program improvements. For capital improvements, the request under review totals \$78.4 million in state support.

The hearings are being held to seek responses from faculty, students, staff and public on the development of the request to this point, Buchholz said. A final recommendation goes to the Board of Curators in July and to the state officials in September.

Other hearings will be held 9-11 a.m. April 29 at UMR, 2-4 p.m. April 29 at UMSL and 9-11 a.m. April 30 at UMKC.

New personnel policy allows direct promotion

The University Cabinet and UM President James C. Olson have approved a new personnel policy that allows direct promotion of academic/professional and office/technical employees within a department or unit where a vacancy exists. The policy is separate from UM's regular promotion policy which follows conventional recruitment practices.

Use of the direct promotion policy may not be allowed if underutilization of minorities exists within certain affirmative action categories in a particular department.

The policy will soon be published in the *Business Policy and Procedure Manual*. Meanwhile, contact the appropriate campus personnel office for detailed information about the policy.

Olson says graduate level needs evaluation

In a recent appearance before the Midwest Association of Graduate Schools' annual conference in Chicago, UM President James C. Olson called for a national policy on graduate education that would help American graduate schools wrestle with the dilemma of maintaining quality programs in the face of declining resources.

On the individual institutional level, Olson suggested that all graduate programs undergo self-evaluation to identify and eliminate ineffective programs, a process similar to the one currently being undertaken by the four UM campuses.

In calling for a national policy on graduate education, such as other developed nations have already established, Olson suggested that it might stress the following points: recognize the relationship between graduate education and research by establishing special research fellowships and grants; establish guidelines regarding the enrollment of foreign students; improve national manpower shortages in science and engineering by creating incentives to attract faculty and the better students; and create a solution to the oversupply of Ph.D.'s in the humanities and social sciences.

"These are extraordinary times for higher education," he said, "and they call for extraordinarily creative solutions to our problems."

Law professor visits as Edgar Snow scholar

Han Depei, professor of law and dean of the law faculty at Wuhan University in the

People's Republic of China, will be in Kansas City for three months as the Edgar Snow Professor of Law and Fulbright Asian Scholar-in-Residence.

Han, a graduate of the National Central University in Nanyang, won the Sino-British Indemnity Fund Scholarship in 1939 for study in Canada. He received his M.A. degree in 1942 from the University of Toronto and then continued his studies for two years at the Harvard Law School.

A distinguished scholar of international law, Han will lecture at several U.S. law schools and before area and regional law associations, as well as teaching and conducting research at UMKC.

In a recent interview published in the *Kansas City Times*, Han said China made the mistake in the past of not paying enough attention to legal education. "In the past few decades, the people have learned that we must strengthen the legal system or even socialism cannot be carried out."

Chinese books donated to St. Louis campus

UMSL is the new home of a special collection of Chinese books thanks to the Republic of China and the efforts of Winston Hsieh, UMSL associate professor of history.

The special collection presented to UMSL in a recent campus ceremony is from the National Central Library of the Republic of China. The 276 volumes "go beyond Taiwan or China and represent the pinnacles of human culture," according to Hsieh.

The books' subjects include Chinese history, art, language, politics and cuisine, as well as children's books. Several volumes are currently on display on the campus.

New research facilities open on UMC campus

The first of two new research facilities for sophisticated molecular analysis has begun operation on the UMC campus, assuring researchers access to the latest technology in their search for answers to complex scientific questions.

The UMC nuclear magnetic resonance facility began operation last month, and the new interdisciplinary chromatography-mass spectrometry facility will be completed later this year. The two research facilities are complementary, with nuclear magnetic resonance providing three-dimensional information about whole molecules without disrupting them and chromatography-mass spectrometry separating molecules and giving them detailed structural composition from minute amounts of samples.

Funding for both facilities is being provided by grants from the National Science Foundation.

The establishment of these two research facilities advances the concept of libraries of scientific instruments pioneered by UMC biochemistry professor Charles W. Gehrke in the early 1960s. "Much as the libraries of books are used by an academic community, these libraries of scientific instruments make available to all researchers equipment that would be impossible for a single scientist to purchase and maintain," Gehrke notes.

The new facility will be used by research scientists in chemistry, biology, biochemistry, physics, geology, engineering, physiology, agriculture and other fields.

Group examines women in development projects

The Women in Development representatives of the Mid-America International Agriculture Consortium met in Manhattan, Kan., recently to evaluate the role of women from the land-grant universities in Nebraska, Kansas, Oklahoma, Iowa and Missouri in projects designed for developing countries. Ruth Baldwin, professor of food science and nutrition, represented UMC.

The group has scheduled a meeting this month to consider available resources, current projects and ways of increasing the contribution of women. According to Baldwin, it is expected that a project will be developed to provide appropriate channels for women to participate effectively in work with developing countries.

Representatives from the various universities are from diverse disciplines including sociology, agricultural economics and food and nutrition. The University of Nebraska is the lead institution in the organization.

UMR reaches limit set for fall enrollment

Freshman admissions for the 1982 fall semester officially closed at UMR earlier this month when first-time high school admissions reached 1,700, following the plan for enrollment management approved in February by the Board of Curators.

The admissions office is recommending applicants look into community colleges or four-year universities that participate in UMR's model transfer program.

The enrollment management experiment was adopted because UMR's resources have not kept pace with the 40 percent increase in campus enrollment over the last five years. Because of limitations of both faculty and facilities, enrollment management was determined necessary to insure academic quality.

SPECTRUM

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Jobs

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

UMC: asst. professors, child health (2), anatomy, accountancy, educational and counseling psychology, medicine-dermatology; asst./assoc. professors, advertising, child health; assoc. professor, medicine-nephrology; librarian II/newspaper reference librarian; postdoctoral fellow, biochemistry; asst. vice chancellor, development; manager, utilities; microbiologist; sr. accountant; residence hall coordinator (2); **UMca:** computer engineer; computer programmer/analyst I;

UMC Hospital: administrative nurse I; asst. manager, pharmacy; clinical nurse I (3); manager, cafeteria; manager, patient accounts;

nurse anesthetist (4); senior computer programmer/analyst;

UMKC: instructors, communication studies, orthodontics; asst. professors, marketing-quantitative analysis, communication studies, psychology, education; adjunct asst. professor, administration of justice; visiting asst. professor, sociology; asst./assoc. professors, mathematics, computer science, music (2); asst./assoc./full professor, fixed prosthodontics; faculty positions, accounting; adjunct faculty, biology; immunologist, biology; clinical faculty, dentistry; professor/chairman, Mercy Hospital dental program; research asst., chemistry, community studies; research assoc., family study center; sr. research, community studies; registered medical technologist;

UMR: asst. professors, English, speech, civil engineering (2), visiting asst. professor, mechanical engineering; visiting professor,

electrical engineering; lecturers, engineering graphics, mechanical engineering, engineering technology; teaching assoc., mechanical engineering; assoc. professor, chemical engineering; faculty positions, physics, geological engineering, engineering mechanics; faculty, engineering mechanics/research investigator, rock mechanics and explosive research; director, student financial aid; manager, FM radio promotions; reactor maintenance engineer; reactor manager;

UMSL: asst. professors, mathematics (2), accounting, marketing, special education; asst./assoc./full professors, accounting, management; assoc./full professor, finance; instructor/asst./assoc./full professor, quantitative management; community health nursing; medical-surgical nursing; computer programmer/analyst I; food service supervisor; human resource specialist; sr. fiscal analyst.