



Quality is important to the UM system's microfilm operation. Above, Eunice George, a senior lab technician, spot checks each microfilm the lab produces.

Microfilm operations saves UM system space, time, money

Ten years ago the floor of the UMC admissions office began to buckle from the weight of 58 file cabinets jammed full of records. The office was so crowded with cabinets the admissions staff had little place to work. The solution? Microfilm.

"When we got finished filming their records, they were down to two aperture card size file cabinets," says Wayne Duncan, manager of UM microfilm operations. An aperture card, which contains information equivalent to 20 documents, measures 7 inches by 3 inches.

The microfilm lab, located in the University Printing Services' building on the Columbia campus, is responsible for filming all records created within the UM system. On the average, 8 million source documents and about 12 million computer output microfilms are filmed each year. The microforms available from the UM lab include open spool and cartridge rolls, jackets, aperture cards and microfiche.

"We're in a sense offering our service to the entire University system," explains Duncan.

Duncan says the biggest advantages of microfilm are fast retrieval and storage space savings. "You can get a 500-page computer report on two or three microfiche."

He points out that microfilming also provides approximately a 98 percent space savings, and "filming is almost as cheap as photocopying, especially if you're making multiple copies."

The average image costs 2½¢ for filming, sending a duplicate microfilm to the department and storing the original microfilm, says Duncan.

Executive committee authorizes borrowing

UM is seeking to borrow \$31 million later this month to insure that the University has adequate working capital for the remainder of the fiscal year. On March 2 the Board of Curators' Executive Committee authorized UM Treasurer Don Holm Jr. to take bids on two series of appropriation anticipation notes, series A notes of \$27 million payable May 25 and series B notes of \$4 million payable June 29.

The committee's action calls for adver-

Only four or five other universities in the country have microfilm labs that are comparable to UM's operation. "At most colleges everyone does their own little thing when it comes to microfilming, says Duncan. "By having a centralized facility, we have less equipment and get maximum use out of it."

The UM microfilm operation is considered to be one of the top in the country. Attesting to that are the number of groups who visit the facility to learn how to set up their operations. On the average, eight groups visit each year, says Duncan. In December, a group from Egypt spent a week at the facility learning how it operated.

The microfilm lab was started in 1970 as a part of the UM system's records management program. At that time, the lab had three cameras, one full-time employee and three student employees. Today, the facility functions independently and has 17 cameras, 18 employees and all the processing and duplicating equipment needed to serve the four campuses.

Microfilm operations still works closely with the records management office. When records management develops a retention schedule for a department, a recommendation is made on which records should be microfilmed and kept longer.

Records usually put on microfilm include student records, personnel files, accounting records, engineering drawings, newspapers and historical manuscripts.

In addition to microfilming department records, the lab can do work for individual faculty members to aid in their teaching and research projects.

tising for bids on the proposed notes. Bids will be opened March 15 at which time the committee will meet again. The notes are not to exceed 10 percent interest with a 2 percent discount.

The action is being taken in order for the University to replenish its working capital for the remainder of the fiscal year. Reimbursements from the state on 1981-82 appropriated funds are expected to continue to be delayed because of the state's cash flow problem.

New curators appointed after redistricting delay

Doug Russell, Larry Robinson to replace C. R. Johnston, Wallace Stacey.

It looks like two new curators will take their seats at the next UM system Board of Curators meeting March 25-26 in St. Louis.

Gov. Christopher Bond has nominated Doug Russell, vice president of a Lebanon manufacturing firm, and Larry Robinson, owner of a Springfield electrical contracting company, to replace C. R. Johnston and Wallace Stacey, whose terms expired more than 14 months ago.

Russell and Robinson, whose terms will last only five of the usual six years because of the redistricting delay, now face Senate confirmation hearings. Russell represents the new 4th Congressional District and Robinson is in the 7th District.

Bond still must nominate a third new curator to replace Rex Z. Williams of Rolla, whose term also expired Jan. 1, 1981. That appointment will come from the newly established 2nd Congressional District, the only one without a curator appointee.

Russell is a 1977 UMC graduate with a B.S. degree in business administration. His

father is Republican state Sen. John Russell of Lebanon, who sits on the Senate's education committee.

At 29, Russell will be the youngest board member and the second youngest ever appointed. Only William Thompson of St. Louis, 27 years old when Bond appointed him in 1973, was younger.

Robinson, 40, graduated from UMR in 1966 with an electrical engineering degree. He is chairman of the governor's task force on low-level radioactive waste.

UM President James C. Olson said, "We are deeply indebted to Dr. Stacey and Mr. Johnston for their countless hours of volunteer service to the University. While their appointments have been fulfilled as curators, I know that we can continue to count on their loyalty to the institution in which both have given so much.

"We, of course, look forward to working with the new curators once their appointments are confirmed by the Senate," Olson said.

UMSL faculty to vote on resolution calling for chancellor's resignation

The UMSL faculty will be voting in the next two weeks on a faculty council resolution that asks UMSL Chancellor Arnold B. Grobman to resign.

The request for resignation stems from disenchantment by some faculty with the procedures used on the campus for budget reallocations to support compensation improvements and the funding of new professional programs in optometry and nursing at the expense of existing programs.

Grobman responded to the faculty charges last month by saying he intended to continue serving as chancellor of the UMSL campus during these times of unprecedented economic pressures.

"I recognize that concerned people may disagree on procedures, objectives and the results of difficult decisions that we are obligated to make. I wish this process could be pursued without divisiveness, but that may not be possible," said Grobman.

In response to charges that faculty were not involved in the reallocation process, Grobman stressed that until reallocation plans are accepted by the UM president and approved by the Board of Curators, they are subject to review, comments, suggestions and recommendations from anyone who wishes to participate.

The issue of new program development, Grobman said, represents a major philosophical division. Grobman said he felt strongly that the campus' major strength lies in the core programs in the liberal arts and sciences, but at the same time, "this campus simply must do a more effective job of providing additional professional programs for its current and future students."

At the present time, no new programs will be implemented until the funding situation changes, he said.

"I know there are tensions on the campus," UM President James C. Olson told the UMSL faculty in a Feb. 23 meeting. "And I know it is virtually impossible for a chancellor to be popular these days."

Olson said he did not need to remind faculty that these are difficult times in higher education, especially in Missouri with the decline in state revenues.

The UM president acknowledged that there has been confusion at UMSL over the budget reduction process, but that he hoped continuing discussions with faculty would enable the campus administration to work effectively toward a solution of a financial problem that won't go away in the near future.

CENTRAL ADMINISTRATION
HAVENER JR., RALPH S
701 LEWIS HALL

HJR 113 could give UM capital funds

House Joint Resolution 113, formerly called HJR 30, has been passed by the Missouri House and is under consideration by the Senate. If approved by the General Assembly and the governor, the capital fund proposal will go to the voters in August.

The \$600 million bond issue is designed to boost capital project funding, which all but disappeared when federal revenue sharing ended. The funds would be used to maintain and renovate state buildings as well as provide for new facilities.

If the measure gets on the ballot and is approved by the voters, how will it affect the University? The table below indicates how

UM might fare, assuming its share of state capital funding compares with previous allocation trends. The precise amounts listed depend upon final appropriation decisions by the legislature, once bond funding becomes available. The funds would be allocated over a five-year period.

University officials have identified the need for \$261 million in capital improvements by mid-1983. Of that total, \$150 million is needed for deferred maintenance, \$10.5 million would be used for preservation, \$10.5 million is needed for renovation or replacement, and \$90 million has already been requested for new facilities.

ESTIMATED EFFECT OF HJR 113 ON UM (over 5-year period)

Allocation of bond issue	Maximum Allocation	Impact on UM
Repair and Replacement Funds	\$120 million	\$20 million
Stimulate Economic Development	90 million	—
Capital Projects	390 million	
A. Approximately 50% of Higher Education's allocation		71 million
B. 5% to Board of Public Buildings for planning		unknown
TOTAL	\$600 million	\$91 million

Farmers offer advice on agriculture programs

Most Missouri farmers want and need local research and extension programs. Research conducted at a national or regional level too often doesn't fill local needs.

These were points made by producers attending a series of public hearings intended to provide guidance for the UMC College of Agriculture.

Producers, agribusinessmen and educators were invited to attend the eight meetings held throughout the state.

According to Max Lennon, dean of the

agriculture college, the series of meetings were important in planning for the future. "The College has already been forced to cut its budget and the money picture is not expected to improve soon."

Lennon said the public hearings may very well have an important impact on the future of Missouri agricultural research and extension programs. "It was a real opportunity for farmers to tell us what they think is important, and that information will be clearly considered in our planning for the future."



Don Daso

Alumni awards—Receiving the first presidential awards for outstanding service to the University during Alumni Alliance Legislative Day at the state capital were: from left, James A. Finch Jr., UMC alumnus; Lois Brockmeier Schoemehl, UMSL alumna; and Horace W. Kimbrell, UMKC alumnus. James W. Stephens, UMR alumnus recipient, is not pictured.

The awards, which UM plans to present annually, were given to outstanding alumni from each UM campus.

The UM Alumni Alliance, formed in 1968, is composed of representatives from the four campuses in support of the UM system. The organization holds an annual Legislative Day to meet with state legislators on issues affecting the University. The organization is funded by voluntary contributions from the four campus alumni associations.

Fraudulent credentials: no problem at UM

Despite reports of widespread deception by job applicants nationally, UM registrars say few UM students are misrepresenting their academic credentials



Regina Setser

Employers of the nation's college graduates have become more aware of fraudulent credentials since last year when a *Washington Post* reporter confessed that the subject of her Pulitzer Prize-winning story was not true. She also admitted that she had lied about the academic credentials listed on her resume.

Deceptions by job applicants is becoming more widespread, according to some national reports. A survey of UM registrars and placement officials, however, indicates no significant problem at the University—as far as they are aware.

"When you read something like this, the thing you always ask yourself is are there cases occurring which you don't know about?" confesses Gary Smith, UMC director of admissions and registrar.

"There have always been isolated cases of fraudulent credentials," he says, admitting a slight increase at UMC but attributing it to a greater number of students and graduates. UMC annually processes approximately 80,000 transcript requests and 50,000 requests for certification of attendance or degree receipt.

Smith and officials on other UM campuses point out that, although the University has a responsibility to protect the value of its degrees by preventing misrepresentation and fraudulent claims, there is little that they can do if an employer does not verify the credentials.

UMKC's Leo J. Sweeney, director of admissions and registrar, attributes the apparent national upswing in fraud to a "deteriorating mentality" of society.

"If people would cheat on their income tax, why wouldn't they cheat on a job application. I think increasing competition for jobs and promotions puts pressure on people. They think this is an easy way out of it. I guess I am constantly surprised we don't discover more cheating. I wonder if we don't see just the tip of the iceberg."

At UMSL, the number of requests for certification of degrees and attendance has doubled over the past five years, estimates H. E. Mueller, director of admissions and registrar. He surmises the cases of fraud have increased the same amount. Mueller agrees with Sweeney that a decline in moral attitudes has contributed to the increase in the number of cases of fraud. "Certainly there's been an increase, but it happened long before the tight job situation."

The registrar's office at UMR handles about 20,000 credential checks annually, with about 14,000 related to employment.

Registrar Paul E. Ponder says he has not found any great evidence of fraud.

"Over the past 20 to 25 years I could count the known cases of false academic claims on the fingers of both hands. It's not easy to bluff your way through engineering and physical sciences."

Of the few cases of false credentials Ponder is aware of, most did not involve entry-level positions. In a typical situation he recalls, "We had a company manager from out of state claim he had earned an M.S. degree in engineering administration from UMR in 1941. We did not offer that type of degree here at that time. We discovered that this person had only attended a short course."

Sweeney says the most common kind of fraud he has discovered at UMKC involves similar cases, where people claim they have an advanced degree when they really only received an undergraduate degree.

Most cases Smith has seen at UMC occur among former students who have been away from the University 10 years or more. Most discrepancy, he says, is with people who attended the University but did not earn a degree.

Thom Rakes, placement coordinator in UMC's Career Planning and Placement Center, says he finds that most companies check

past work experience and references more closely than they do an academic record.

It's up to employers to check on an applicant's qualifications, but at the same time student advisers and faculty members have a responsibility to teach students to give "the best representation of themselves, but not a misrepresentation," says Rakes.

Ron King, assistant dean and placement director for the UMC business school, agrees.

"The only thing we can do is point out to students the dangers of misrepresenting information about their credentials. It's up to them. But they need to be aware that the consequences can be severe."

Under the 1974 federal privacy act, the University can not release student information—except for directory information—without the student's written authorization. A student's signature allows the release of transcripts to employers or other institutions.

If a student makes a request for release of records in person, all four UM campuses require additional verification of identity, such as a driver's license or social security number. The University's policy is for any transcript issued directly to the student to be stamped as such. This alerts employers and other institutions that the records did not come directly from the University.

Koplar professorship in engineering management set up at UMR

The Robert B. Koplar Professorship in Engineering Management has been established at UMR by Harold Koplar, St. Louis businessman.

The professorship, named in honor of Koplar's son, will provide an annual supplement to the regular salary of a professor in the department of engineering management. The first Robert B. Koplar professor will be named later this year.

Harold Koplar is chairman of the board and president of Koplar Enterprises Inc. The Koplar group owns the Lodge of the Four Seasons at the Lake of the Ozarks, Four Seasons U.S.A. (a land development corporation), KPLR-TV, St. Louis, and KRBK-TV in Sacramento, Calif. Koplar was

for many years owner of the Chase Park Plaza Hotel in St. Louis.

In establishing the professorship, Harold Koplar said, "We don't know of a finer tribute to the memory of my son than the establishment of this professorship. Robert and I held a mutual admiration for UMR and were particularly impressed with UMR's high quality of teaching. Before he passed away suddenly in 1977, he had an active part in the management of Koplar Enterprises. We are perpetuating his name in a way Robert would have liked."

Dr. Robert L. Davis, dean of UMR's School of Engineering, said, "The endowment of the Koplar Professorship in Engineering Management is a very

real asset to the School of Engineering. It is most important that our senior faculty members be given the added support and recognition that is afforded by such professorships, and we are very appreciative of the Koplar family's generosity."

Professor B. R. Sarchet of the engineering management department said that the professorship has special significance since it is UMR's first named professorship endowed by an individual. "Koplar's son, Robert, who was especially interested in management and economics, was known to have exemplified many of the attributes we wish to instill in our engineering management students," he added.

Appointments

Carolyn A. Dorsey, UMC coordinator of black studies and associate professor of education, has been appointed to the national convention program committee of the Association for the Study of Afro-American Life and History, Inc.

Paul D. Proctor, UMR professor of geology and geological engineering, has been selected to serve on the mineral resources committee of the National Research Council. The committee was organized to conduct a study on informational requirements for evaluation of mineral resource potential to support decision making in the Bureau of Land Management, U.S. Department of the Interior.

Walter J. Cegelka, UMSL associate professor of behavior studies, has been named as associate editor of the professional education journal *Exceptional Children*.

A. E. Daniel, UMC assistant professor of child psychiatry, recently was appointed to the editorial board of the *American Journal of Forensic Psychiatry*, a new journal focusing on the interface of psychiatry and law.

Walter C. Daniel, UMC director of the College of General Studies and professor of English, has been appointed to a third two-year term on the National Architectural Accrediting Board.

He will serve as an academic generalist and chairman of site visit teams to programs in architecture throughout the United States.

Lawrence Barton, UMSL associate professor and chairman of chemistry, has been appointed to a three-person team to review the chemistry department and medical school's biochemistry program at Southern Illinois University at Carbondale.

Mary F. Lenox, UMC associate professor of library and informational science, has been appointed to the site visitation team of the American Library Association accreditation committee. She also was appointed to the research committee for the association's young adult services division.

In addition, Lenox was re-elected chairman of the library educators committee of the Missouri Library Association.

Michael Mahler, manager of the UMSL language laboratory, attended the recent meeting of the governor's advisory council on Hispanic affairs. He was appointed to the council in September.

Awards & Honors

John F. Simonds, UMC professor of child psychiatry, was among experts invited to present papers at the fifth Belinson symposium on illness behavior in diabetic adolescents, held recently in Tel Aviv, Israel.

James M. Zahnd, director of the UMKC university communications office, and **Robert O. Manthe**, UMKC director of development and planned giving, recently received distinguished service awards from the Council for Advancement and Support of Education District VI.

Both Manthe and Zahnd have held offices and been active in CASE affairs for many years.



Clark Watts, UMC professor and chief of neurological surgery, recently presented a paper based on work done with **Don York**, UMC associate professor of physiology, at the annual meeting of the American Academy of Neurological Surgery.

The research demonstrates for the first time a noninvasive means of accurately estimating intracranial pressure in both children with hydrocephalus and patients with cerebral edema following head injury.

A research paper co-authored by **Jack B. Beckett**, UMC assistant professor of agronomy, has been named a "Citation Classic" by the Institute for Scientific Information. The paper, which pinpointed the types of corn lines resistant to southern corn leaf blight, has been cited 120 times in various research papers since it was published in 1970.

David Garin, UMSL associate professor of chemistry, is participating in an evaluation of the "Second Five-year Outlook on Science and Technology." The report, prepared by the National Science Foundation and mandated by Congress, attempts "to identify and assess emerging and future areas in which science and technology can be used."

Patrick Atkinson, UMC assistant professor of speech and dramatic art, has been honored by the U.S. Institute for Theatre Technology for his set design for "The Misanthrope."

Design drawings and photographs of "The Misanthrope" set will be included in the institute's 1982 scenography exposition, which will travel throughout the United States. The design also will appear at the Prague Quadrennial, an international exhibit to be held in 1983.

Atkinson designed the set for the 1981 UMC Summer Repertory Theatre.

The work of **Louis Cicotello** and **Stephen Gosnell**, UMKC associate professors of art, has been chosen to appear in a traveling exhibition organized by the Mid-American Arts Alliance.

Titled "Visions '83," the exhibit will contain the work of 10 artists from five midwest states. The 10 participants, who also received a \$1,000 grant, were selected by the director of the Chicago Contemporary Arts Museum.

Richard Hagni, UMR professor of geology, has received an award of \$1,500 for his entry in a paper competition sponsored by the International Association on the Genesis of Ore Deposits.

The award will be used toward meeting his expenses in attending the association's sixth quadrennial symposium in Tbilisi, the Soviet Union.

Hagni is one of 10 geologists in the country to receive the award. He will present two papers during the symposium.

The book, "No Place for Grace: Anti-modernism and the Transformation of American Culture, 1880-1920," written by **Jackson Lears**, UMC assistant professor of U.S. cultural and intellectual history, was nominated for the National Book Critics Circle Award in non-fiction.

Konrad Jarausch, UMC professor of European history, was one of the organizers of the first international conference on quantitative history held in Washington, D.C. last week.

James O. Davis, UMC professor and chairman of the physiology department, pre-

sided over the annual meetings of the International Society of Hypertension held in Mexico City.

Approximately 1,000 scientists from around the world were present at the meetings, which focused on research efforts and treatment of hypertension. Davis is president of the worldwide group.

Michele Hoyman, UMSL visiting assistant professor in political science, chaired a panel discussion on "Developments in Equal Employment for the 1980s," at the Industrial Relations Association national meeting in Washington, D.C.

Stephen Churchill, UMKC associate professor of pediatrics, was the keynote speaker at the International Association of Pupil Personnel Workers annual meeting in Kansas City.

John W. Massey, UMC professor of animal science and extension livestock specialist, has been presented the "Show Me Industry Award" by the Missouri Cattleman's Association. He was cited for his leadership in livestock improvement, particularly for Missouri's nationally known beef cattle performance testing program.

David Ronen, UMSL assistant professor of management sciences, participated in the recent symposium on cargo ship routing and scheduling, in Washington, D.C. The symposium was organized by the Office of Naval Research, the Military Sealift Command and George Washington University. Ronen reviewed cargo ships' routing and scheduling models and problems.

A. Nancy Avakian, UMSL assistant vice chancellor, has reviewed papers for the annual Association for Institutional Research convention to be held in May. She will also serve as a facilitator for discussing various topics at the association's annual forum.

Topics include market factors, faculty salaries, faculty stress, a legislative faculty salary model and a national base to analyze institutional salaries.

Robert W. Murray, UMSL professor of chemistry, recently presented papers at two universities in Germany.

Thomas J. Murray, UMSL associate professor of information systems, recently presented a paper at the International Conference on Systems Sciences in Honolulu, Hawaii.

Pierrette Daly, UMSL instructor in French, recently presented a paper at the Modern Language Association of America's 1981 convention in New York.

Gary L. Trick, UMSL assistant professor of optometry, and **William F. Long**, UMSL associate professor of optometry, recently presented papers at the American Academy of Optometrists' meeting. Trick also participated in a symposium on visual electrodiagnosis at the meeting.

Elections

Mark A. Burkholder, UMSL professor of history and associate dean of arts and sciences, has been elected to a two-year term on the general committee of the Conference on Latin American History, the national organization of Latin American historians. The general committee is the conference's executive committee.

House begins debate on UM appropriations

In an executive hearing March 1, the House Budget Committee recommended \$167.2 million for the UM system in 1982-83 state appropriations.

The full House began floor debate on the appropriations bill this week.

UM originally submitted a request for \$199.5 million in state funds. The Coordinating Board for Higher Education recommended \$189.8 million, and Gov. Christopher Bond recommended \$170.4 million.

The Senate appropriations committee will make a recommendation for higher education after the bill leaves the House. The General Assembly will decide on the appropriations before its session ends April 30.

Temporary UM liaison named in Washington

Heather K. Dillinger, formerly an education program specialist at the U.S. Department of Education, will serve temporarily as UM's liaison in Washington, D.C. beginning March 1.

She will be available to assist University faculty and staff during Sandra Moody's leave of absence.

Dillinger has been a staff member in the education department's graduate programs branch and has helped draft legislation and conduct studies on higher education. She also previously worked in the UMKC chancellor's office. She is a graduate of Southern Illinois University at Carbondale where she received both her bachelor's and master's degrees.

The UM liaison's office phone number will remain (202) 638-6277. She will be available to assist with Washington matters pertaining to the University.

Faculty to be given nine-month pay option

The University Cabinet and UM President James C. Olson have approved a proposal that will allow faculty members employed on a nine-month basis to receive their pay on a nine-month basis instead of 12 payments. The option will become effective Sept. 1, 1983.

R. Kenneth Hutchinson, UM assistant vice president for personnel services and staff relations, said faculty who choose the nine-month option will have payroll deductions—such as staff benefits, parking and social security—normally spread over a 12-month period deducted in nine months.

The option was approved after a review

of practices at other universities. Hutchinson said UM's new payroll system will allow the changeover more easily than the old system. The cost to modify the system will be approximately \$10,000.

Public hearings set for '83-84 budget

Planning for the 1983-84 fiscal year is already underway on each of the four campuses even though the state has yet to finalize an appropriation for next year, and won't until the General Assembly approval in April and after the governor has signed the bill.

Nevertheless, because of the Oct. 1 deadline for submitting a request for 1983-84, the Board of Curators has approved planning guidelines, and President James C. Olson and his staff have scheduled public hearings on campus requests.

The schedule for hearings:

- UMC, April 14, 9-11 a.m.
- UMKC, April 30, 9-11 a.m.
- UMR, April 29, 9-11 a.m.
- UMSL, April 29, 2-4 p.m.

The curators will consider the request on July 30 after next year's budget is approved.

Employee holidays set during campus breaks

UM will observe an official holiday during the Friday of campus spring breaks. Holidays for the four campuses and central administration are:

- UMC, UMca—Friday, March 19;
- UMKC, dentistry, nursing and pharmacy schools—Fri., March 12;
- UMKC, all other schools divisions and departments—Fri., March 19;
- UMR—Fri., April 9;
- UMSL—Fri., March 12.

Cultural heritage center to preserve state's past

A new Missouri Cultural Heritage Center at UMC promises to help preserve the state's past for future residents.

The center, which received start-up funds from the University's 1981-82 Weldon Spring Fund, will draw together the work of specialists in a variety of academic disciplines already pursuing Missouri research and will provide a clearinghouse for information both for researchers and for the public.

Susan Flader, chairwoman of the steering committee now directing the center, says the center was needed to provide an administrative and coordinating mechanism for projects already in progress at UMC. Since

Undergraduate charges compared

A recent study published by the National Association of State Universities and Land-Grant Colleges compared the annual resident undergraduate charges—including activity fees, incidental fees and room and board charges—for 1981-82 at state universities and land-grant colleges. The comparison places charges at

UMC and UMKC below the national average and charges at UMR slightly above the average. UMSL, which has no campus housing, is below the NASULGC average for undergraduate incidental and activity fees.

Actual comparison of UM campus charges and the national average follows.

Annual Charges at UM Campuses and NASULGC Average

	<i>Undergraduate Activity, Incidental Fees</i>	<i>Room and Board</i>	<i>Total Charges</i>
National Average	\$ 975	\$1,989	\$2,964
UMC	918	1,515	2,433
UMKC	952	1,718	2,670
UMR	1,015	2,000	3,015
UMSL	940	N/A	940

most of the projects involve faculty from many different academic areas, the center provides one place for researchers and the public to go to receive information. The center also plans to prepare exhibits, publications and programs for Missouri communities and schools.

"The Missouri Cultural Heritage Center gives us an opportunity to provide a focus for the research already started in several areas of the campus and also serves the people of the state by recognizing their own rich heritage," said UMC Chancellor Barbara Uehling.

Miller to chair UM press committee

Howard S. Miller, UMSL associate professor of history, has been elected to a two-year term as chairman of the UM Press editorial committee.

The editorial committee is composed of 14 faculty members from the four campuses, one alumnus and a director.

The UM press, established in 1958, has 350 titles in print. The press plans to publish 16 titles this spring, five of them authored by UM faculty.

Miller, an editorial committee member since 1975, says he would like to see more faculty submissions from all UM campuses.

UMR student group wins national award

The UMR student chapter of Eta Kappa Nu, electrical engineering honor society, has been voted the national winner of the Outstanding Chapter-Activities Award for the 1980-81 academic year.

The group will receive an engraved silver award plaque.

The chapter has been honored numerous times previously. Among their activities during 1980-81 were conducting a "phonathon" to electrical engineering alumni and updating alumni records, administering an electrical engineering hobby club, providing a stage crew and lighting for the Phelps County Junior Miss Contest, sponsoring an electrical engineering career day, and providing guides for University Day and Parents Day.

Elderhostels scheduled on 3 UM campuses

"Meet Us in Missouri" is the theme for elderhostel programs scheduled on university and college campuses throughout Missouri this summer.

Elderhostels will be offered at UMKC June 6-12, at UMSL June 20-26 and at UMR June 13-19, June 20-26 and June 27-July 3.

Elderhostel, an innovative travel and education program for persons over the age of 60, offers participants an opportunity to experience a residential academic program on a college or university campus. Participants sample college life by living in a dormitory, eating in the dining hall, taking college-level courses and using the libraries and other campus facilities.

Elderhostel courses include a variety of topics in history, literature, art and music ranging from the development of the English language to a history of St. Louis baseball.

For information on state or national elderhostels, call (314) 553-5862, or write: Missouri Elderhostel State Office, % Mary Randlett, 542 Lucas Hall, UMSL.

Jobs

The following administrative/professional and academic vacancies were listed with *Spectrum* as of March 5. Those interested in a position should contact the appropriate department or personnel office.

UMC: asst. professors, art history and archaeology, neurology, child health (2), anatomy, accountancy, educational and counseling psychology, medicine-dermatology; asst./assoc. professors, finance, advertising, child health; assoc. professor, medicine-nephrology; asst./assoc./full professors, electrical engineering (3); professor, marketing; librarian II/newspaper reference librarian; technical services law librarian; admissions/records coordinator, medicine; computer programmer/analyst II; manager, training and development; manager, utilities; manuscript specialist; microbiologist; nurse practitioner; registered medical technologist; sr. fiscal analyst; social worker; **UMca:**

computer programmer/analyst;

UMC Hospital: administrative nurse I; asst. director of pharmacy; asst. hospital plant engineer; clinical nurse (4); education nurse I (3); manager, patient accounts; nurse anesthetist (5);

UMKC: asst. instructor, law-trial practice; instructor, business operation and analysis; instructor/asst. professor, medicine; asst. professors, physics, marketing-quantitative analysis, education, psychology; visiting/asst. professor, sociology; asst./assoc. professors, dental hygiene, removable prosthodontics, music; assoc. professor, theater-design; asst./assoc./full professors, accounting, fixed prosthodontics; visiting professors, theater, medicine; coordinator-asst./assoc./full professor, biomedical sciences; adjunct faculty, theater; clinical faculty, dentistry; clinical instructor/asst., dental hygiene; asst. dean for clinical affairs-asst./assoc./full professor, dentistry; professorial lecturer, law; research

assoc., medicine, family study center; research asst., community studies; research analyst, medicine; sr. research asst., community studies; professor, pedodontics/chairman Mercy Hospital dental program; research specialist; sr. personnel associate;

UMR: asst. professors, economics, physics, electrical engineering, rock mechanics and explosive research; assoc. professor, electrical engineering; faculty/teaching assoc., mechanical and aerospace engineering; teaching/research assoc., electrical engineering; director, renewable resources research center; reactor maintenance engineer;

UMSL: asst. professors, special education, mathematics (2), accounting, finance, marketing; asst./assoc./full professors, management behavior (2), accounting; assoc./full professor, finance; instructor/asst./assoc./full professor, quantitative management; community health nursing; medical-surgical nursing.

SPECTRUM

is published every other week during the academic year and monthly during the summer session by UMca University Relations, 400 Lewis Hall, Columbia, in cooperation with the Columbia, Kansas City, Rolla and St. Louis information offices.

Editor: Cathy Bien
Ph. 882-4591

