

June 8 bond could ease physical plant needs



Construction of a new agricultural engineering building with classrooms to replace the one above, left, replacement of worn-out dental equipment for the UMKC dental school, above, and repairs to campus roof tops, such as the one on the 45-year-old general classroom building at UMKC, left, are all much-needed projects for which UM needs funds.

Financial aid offices prepare to battle government delays

Processing and delivery of student financial aid for this fall continues to be delayed at the federal level, but financial aid officers on the UM campuses are prepared to make awards to students as soon as they find out how much money can be awarded, says Phillip Rokicki, UM director of scholarships and student financial aid.

UM is caught in a position, along with most public institutions, of not being able to commit dollars for student aid which it is uncertain of receiving from the federal government, says Rokicki.

"We can give a student an estimate of his or her award, but you can't pay fees with estimations," he says.

The government's delay in providing campuses with the Pell grant payment schedule for the 1982-83 academic year is one obstacle in the delivery system. The payment schedule allows the financial aid officer to determine Pell grant amounts for students based on family contribution and cost of attendance.

In addition, the government has not told the campuses how much they will be given for campus-based programs—National Direct Student Loans, work-study programs and supplemental grants. UM financial aid officers cannot grant awards until they know the amount they are working with, a figure that may not be available for 30-60 days.

One bright spot in the picture for the fall

is that the need's test for guaranteed student loans has been released and schools can now accept and process those applications. Also, congressional legislation appropriated \$1.3 billion to the GSL program to maintain it at its current level through Oct. 1. GSL's totaled \$30 million and went to 12,000 students in the UM system in 1980-81.

"We're trying to encourage students to get their applications for guaranteed student loans in now rather than wait until Aug. 1 when we may be flooded with applications for the programs which have been delayed," says Rokicki.

Funds will be tighter, and awards may be smaller, but once the hurdles of the delays are cleared, needy students will get assistance for this year, says Rokicki. But, funding for the 1983-84 academic year is still up in the air.

The Reagan administration has proposed drastic reductions in funding for several aid programs in the 1983 fiscal year. According to the National Association of State Universities and Land-Grant Colleges, a freeze on funding levels for discretionary student aid programs at the 1982 fiscal year level is possible.

Meanwhile, the University is exploring new ways to aid needy students. Institutional funds, as well as funds from the private sector, may help alleviate reductions in federal funds, Rokicki says.

Curators borrow more working capital

In a telephone conference call May 18, the UM system Board of Curators' executive committee accepted the low bid of 8.0916 percent by Merrill Lynch White Weld Capital Markets Group of New York for \$24 million in appropriation anticipation notes.

UM is borrowing money to insure adequate working capital during the remainder of the fiscal year. The University's receipt of 1981-82 state appropriations has fluctuated

this year because of the state revenue situation, causing a shortage of operating capital.

UM received two bids on the short-term notes which mature June 29, just prior to the end of the fiscal year.

The board authorized UM Treasurer Don Holm Jr. to take similar action in March by borrowing \$27 million over a 60-day period and \$4 million over a 100-day period.

By Carol Baskin

Imagine yourself the owner of a home with a few problems. You need a new roof. Exterior paint is peeling. Caulk around the windows has long since dried up. The concrete window wells are caving in, so water trickles into the basement when it rains. And when it pours, watch out. A lot of fixing needs to be done. But you can't afford it.

So you fret.

In the meantime, water comes through the deteriorating roof and begins to ruin the ceilings and rot the attic joists. The wood siding starts to warp. From the drafts coming in around the windows, you know you're heating part of the great outdoors. The camping gear stored in the basement is covered with mildew and the furnace is rusting out. You still can't afford the repairs, and now there's a lot more wrong.

Your house contains an average of 2,500 square feet. But imagine your plight if you had 12 million square feet to worry about. That's Tom Hussey's problem. As UM assistant vice president for business affairs, he has the headache of watching the biggest single physical plant in the state edge ever nearer to serious disrepair.

Hussey hopes Missourians will approve the constitutional amendment June 8 that would authorize the state to issue \$600 million in general revenue bonds without raising taxes. The proposal, billed as a "Build Missouri" economic recovery program, would address several pressing needs. One of them is the decay of state buildings and the need for some new ones. That's where UM comes in.

If voters give the bond issue a simple majority approval, the UM system expects to receive about \$91 million over a five-year period. About \$71 million would be used for new construction; the rest would pay for building preservation, renovation and rehabilitation.

"That would give us a tremendous start toward what needs to be done," says Hussey. He notes, however, that a thorough survey of UM buildings used for educational purposes shows that another \$151 million would be required to bring facilities up to contemporary teaching levels. About 3 million square feet need work.

"We're not talking about redecorating," explains Hussey, thumbing through a thick computer report that lists every building in the UM system and what needs to be done to it. "We are talking about obtaining the maximum useful life of our buildings and the integral, continuous process of improvements to fulfill the role they play in the academic mission. It's hard to teach modern chemistry,

engineering or biology in 1920-era laboratories."

Over the decades, the public has invested substantially in UM buildings. Replacing them at current prices would cost more than \$1 billion, says Hussey.

Until this year, UM has been able to spend the accepted standard of one percent of replacement cost per year for building preservation. But it's been many years since the University has had adequate funding to spend another one percent—again the accepted norm—for renovation and rehabilitation. "Not much romantic appeal here," Hussey laments.

"We're not talking about redecorating. We are talking about obtaining the maximum useful life of our buildings and the integral, continuous process of improvements . . . It's hard to teach modern chemistry, engineering or biology in 1920-era laboratories."

Legislative appropriations have given UM its share of new buildings until last year, says Hussey. "That's when the bottom fell out of federal revenue sharing. Capital for new construction has dried up completely."

Among suggested uses for UM's share of the bond issue funds:

- A new agricultural engineering building at UMC. "With agriculture the largest industry in the state, it's especially sad to see agricultural engineering taught in six different locations, including a 'temporary' structure built in 1947 and another built in 1902 as a livestock pavilion," says Hussey.

- A new mineral engineering building at UMR. It would allow teaching and related research programs to be housed in one location instead of the present eight obsolete facilities.

- Facilities for the new optometry program at UMSL. The program needs further adaptation of space assigned to it in the Marillac complex.

- Replacement of worn-out laboratory and clinic equipment in the dental school at UMKC.

CENTRAL ADMINISTRATION
HAVENER JR., RALPH S.
701 LEWIS HALL

Commencement 1982



UM honored nearly 7,000 graduates in commencement ceremonies held on each of the four campuses in May.

Speaking on the UMSL campus, UM President James C. Olson told the graduates they would be facing ambiguities and uncertainties in the years ahead, but he hoped their studies had given them "a capacity to make sophisticated judgments that go beyond mere either/or choices."

Olson also urged the graduates to continue to support the University and public higher education which is itself facing uncertain conditions.

Honorary degrees presented during this year's ceremonies were:

- doctor of laws to James William Fulbright, former U.S. Senator from Arkansas, at UMC;
- doctor of science degree to Robert B. Shira, consultant to the president of Tufts University in Boston, during ceremonies for dentistry and dental hygiene students at UMKC;
- doctor of engineering to John H. Lyons, general president of the International Association of Bridge, Structural and Ornamental Iron Workers, at UMR;
- doctor of engineering to E. Jefferson Crum, consultant in the metals field, at UMR;
- doctor of humane letters to Howard Nemerov, professor of English at Washington University and 1978 Pulitzer Prize winner for poetry, at UMSL.



"Our history is ambiguous; it has prepared us either to follow the traditional course of empires or to make our society an example of intelligence, decency and humanity. As a democratic, self-governing polity, the choice is ours—it is yours to make."

UMC commencement speaker J. William Fulbright, 30-year veteran of the U.S. Senate from Arkansas



"Our nation over the years has attained most of its achievements through a balanced approach made within the framework of the principle of fairness. . . . You have a particular role to play in continuing and expanding that concept of fairness."

UMR commencement speaker John H. Lyons, general president of the International Association of Bridge, Structural and Ornamental Iron Workers



During UMKC graduation exercises, John M. Brooks, administrative manager of student affairs, center, and Donald B. Hatch, assistant director of the physical plant, right, received the first outstanding administrative service awards from Chancellor George A. Russell.



UMC pathology professor Marie Vorbeck and UM President James C. Olson



Mr. and Mrs. Eugene DePriest accepted a juris doctor degree which was conferred posthumously on their daughter Christine, a UMKC law student who was killed when the Hyatt Regency skywalks collapsed last July.



"Higher education leads you into something else, a succession of beautiful landscapes of the mind's eye, to enjoy on your pilgrimage through life. Our exposure to new subjects, to the creative processes of authors, artists and philosophers helps to expand our mental horizons beyond the wisdom and hairstyles of the TV news."

UMSL commencement speaker, Stuart Symington Jr., a St. Louis attorney



Appointments

Mary Lenox, UMC associate professor of library science and education, and **Jeanne Nolan**, UMC assistant program director of home economics extension, were among 50 people named to the 1982 national fellowship program of the W.K. Kellogg Foundation. The program is designed to increase participants' skills and insights into areas outside their particular disciplines.

Stanley J. Hille, dean of the UMC College of Business and Public Administration, has become a member of the Department of Commerce's District Export Council of the St. Louis area.

Established in the 1960s, export councils work to expand the United States' exports. Hille was invited to join the council by U.S. Secretary of Commerce Malcolm Baldrige.

William F. Long, UMSL associate professor of optometry, has been appointed as a consultant item writer for the National Board of Examiners in Optometry.

David M. Compton, chairman of the UMC recreation and park administration department, is one of 10 U.S. delegates invited to participate in the Netherlands Sports Council conference in September. The conference marks the 200th anniversary of diplomatic relations between the U.S. and the Netherlands.

Compton's invitation was based on his knowledge of Special Olympics, and experience in task analysis, sports and recreation activities, according to Eunice Kennedy Shriver, president of the Special Olympics, Inc., who extended his invitation.

Awards & Honors

William R. Kimel, dean of the UMC College of Engineering, has been selected as the winner of the prestigious Bliss Award for 1982 by the Society of American Military Engineers. The award is given annually to an engineering professor or instructor of a college or university where a ROTC unit is established who has made the most outstanding contribution to military engineering education. Kimel is honored for serving to promote recognition of the importance of technical leadership to the national defense.

W. Ray Rhine, UMSL associate professor of behavioral studies, will be participating in a new action research program funded by the W. T. Grant Foundation in New York. The program is intended to emphasize the value of sustained interaction between researchers and practitioners who work in human service programs.

The foundation wants to identify and create social innovations for children and youth that help them to better cope with the debilitating stresses of life. Rhine will serve both as an adviser for the program and as a reviewer of proposals submitted for funding.

J. Wendell McKinsey, assistant dean of the UMC College of Agriculture, recently received a 1982 international honor award from the U.S. Department of Agriculture. McKinsey, who administers UMC's international agriculture programs, was recognized

for his contributions to international agricultural development.

W. Nicholas Knight, UMR professor of English, was one of 12 university professors selected nationwide to participate in a National Endowment for the Humanities seminar this summer. Knight's work in the seminar will focus on "Equity in Shakespeare for King James."

Robin A. Remington, UMC professor of political science, was a recent participant in an international conference on the principles of non-alignment. She was an invited participant from the International Progress Organization with headquarters in Austria.

Stig E. Friberg, UMR Curators' Professor of Chemistry, recently presented a short course at the national American Chemical Society meeting. **John A. Schreifels**, UMSL assistant professor of chemistry, is co-author of a paper presented at the meeting.

Ilene G. Wittels, UMSL visiting assistant professor in management, recently led a panel discussion on how to select a consultant at the American Society of Training and Development meeting.

Warren A. Thompson, UMC professor of health services management, has been accepted for fellowship in the American College of Hospital Administrators. Founded in 1933, the college is an international professional society of men and women who are making a career of hospital and health services administration. The fellowship status attained by Thompson is the final and most prestigious level of affiliation in the organization.

Eric J. Bransby, UMKC professor of art and art history, has won a four-state competition to design and execute a mural for the new city hall of Liberty, Mo. Forty-one competitors in Iowa, Nebraska, Kansas and Missouri were invited to submit designs. Bransby's was the unanimous final choice.

Lance T. LeLoup, UMSL associate professor of political science, recently led a roundtable discussion at the Western Political Science Association meeting in San Diego.

Joyce M. Mushaben, UMSL assistant professor of political science, was a panel discussant at the annual meeting of the Council for European Studies in Washington, D. C.

George Schowengerdt, acting director of the UMR counseling and testing center, and **Debra Robinson**, assistant director of the center, presented programs at the annual convention of the American Personnel and Guidance Association.

David L. Garin, UMSL associate professor of chemistry, was one of three evaluators of the Environmental Studies Program at William Paterson College of New Jersey under a National Science Foundation Grant. Garin also participated in the organizational meeting for a national science/public policy forum to be held in September.

Chris J. Johannsen, UMC professor of agronomy, recently presented an invited seminar on remote sensing applications for

source management at the University of Rhode Island as part of a seminar series on key resource issues of the 1980s.

Turan Gonen, UMR associate professor of engineering management, served as a session chairman and presented a paper at the 1982 Modeling and Simulation conference. Gonen also presented a paper at the 1982 American Institute for Decision Sciences conference.

Louis Buenger Robbert, adjunct UMSL associate professor of history, recently presented papers at the annual meeting of the American Catholic Historical Association and at the president's forum at Concordia College.

Bill Westhoff Jr., UMC coordinator of fire training, recently returned from instructing a fire training program in Green River, Wyo. The National Fire Academy requested Westhoff to instruct the class for fire service personnel from Wyoming and Colorado which is part of the fire academy's field program for 1982. Westhoff will conduct a similar class in Iowa in June.

Wei-Wen Yu, UMR professor of civil engineering, attended the American Society for Metals conference on automotive applications of high strength steel in Detroit. He also attended an American Iron and Steel Institute committee meeting to discuss the new UMR research project on the structural design of automotive components.

Shamsher Prakash, UMR professor of civil engineering, recently visited the People's Republic of China at the invitation of several universities and research institutes in Peking. Prakash conducted seminars and met with faculty members and researchers in China.

A visit to China last fall by nine geologists, including UMC professor emeritus **Walter D. Keller**, is the subject of an article in the May issue of *Geotimes* magazine. During the three-week trip, Keller lectured in Peking and Nanjing and met with three of his former students who attended UMC in the 1940s.

David L. Butler, coordinator of education and registrar of the UMC Museum of Art and Archaeology, has been selected one of 13 participants in a six-week professional development seminar in West Africa.

The seminar, organized by the African Studies Program at Indiana University and funded by a grant from the U.S. Office of Education, will include visits to a variety of African museums and places of cultural and historic interest.

The purpose of the seminar is to acquaint non-specialists with African art and culture and lay the groundwork for future exchanges of ideas and information between American and African museum professionals.

Jennifer L. Randisi, UMSL English instructor, chaired a panel discussion on writers of the modern South at the Northeast Modern Language Association's meeting recently. She also presented a paper at the meeting.

Donald Phares, UMSL associate professor of economics and acting director of the Center for Metropolitan Studies, held a workshop recently on the Economic Recovery Act

for the Union-Sarah Economic Development Corporation. He also presented a paper and chaired a session at the 46th annual meeting of the Midwest Economics Association.

James Neal Primm, UMSL professor of history, has been awarded the Missouri Conference of History distinguished book award for 1981 for *Lion in the Valley*.

Elections

James O. Davis, UMC professor and chairman of the medical school's department of physiology, is one of 60 new members elected to the National Academy of Sciences in recognition of his "distinguished and continuing achievements in original research."

Election to the 1,386 member academy is considered one of the highest honors that can be accorded an American scientist or engineer.

James E. Westbrook, interim dean of the UMC law school, was recently elected president of the Central States Law School Association, an organization of 15 law schools in Arkansas, Oklahoma, Missouri, Kansas, Nebraska and Iowa. **William B. Anderson**, associate dean of the UMKC law school, was elected vice president of the association.

Westbrook also recently served as a member of an inspection team for the Association of American Law Schools. An inspection is conducted when a law school applies for membership in the association.

David A. Summers, UMR Curators' Professor of Mining and director of the Rock Mechanics and Explosives Research Center, has been elected an honorary member of the British Hydromechanics Research Association. The association is an international center of expertise in fluid engineering.

Don H. Blount, UMC graduate dean and vice provost for research, has been elected president of the Mid-West Association of Graduate Schools.

Leo J. Sweeney, UMKC registrar and director of admissions, has been elected president-elect of the American Association of Collegiate Registrars and Admissions Officers. The association, founded in 1908, has more than 4,000 members in nearly 2,000 institutions in the United States, Canada and several foreign countries.

Everett E. Adam Jr., UMC management professor, has been elected 1982 vice president of the Operations Management Association. The international organization's membership includes academics who teach and conduct research on operations management, as well as upper-level production and operations executives.

William H. Taft, UMC professor emeritus of journalism, has been re-elected national treasurer and chief of the central office of Kappa Tau Alpha, a society honoring scholarship in journalism.

Taft first was named to the office in 1962. He recently represented the organiza-

continued on back

UMKC theatre program gains Hallmark foundation support

UMKC has received a six-year grant of more than \$1 million from the Hallmark Educational Foundation to strengthen its academic theatre program.

A pioneer in integrating academic and professional theatre, the UMKC program offers undergraduate and graduate students opportunities to work with theater professionals affiliated with Missouri Repertory Theatre.

The grant will enable the University to continue to attract nationally renowned acting and designing specialists. Master teachers in acting and design will be added to the faculty to enhance the school's national reputation, and graduate assistantships will be added to allow UMKC to attract the nation's top theater students.

Grobman asks community to continue supporting UMSL

Presenting his annual report to the community, UMSL Chancellor Arnold B. Grobman challenged local citizens to support public higher education so that in the future Missouri and the nation would be prepared to participate in what he called the age of high technology.

In his speech before 400 business and institutional leaders, Grobman predicted that the dominant position in the world will belong to the nation that is the leader in high technology.

"The challenge now is to . . . promote a major higher educational advance comparable to the movement that helped transform America from an agricultural society to an industrial society. We must now materially assist our universities as they contribute to the coming transformation from an industrial society to a high technology society," Grobman said.

Since the responsibility for education is reserved to the states, the UMSL chancellor asked Missourians to review their sponsorship of public higher education. Although Missouri is 26th among the 50 states in per capita income, it is 50th in taxes collected per capita. The difficult revenue situation for the state has brought hardship to the University, the chancellor said.

UM's purchasing power derived from state sources was 27 percent less in 1982 than just two years earlier, Grobman said. Such declining support has caused severe financial stresses on the institution's invested funds, the necessity to raise student fees substantial-

Clarification

The R. A. Bloch Cancer Management Center, located on the UMKC campus, will be operated in cooperation with the UMKC medical school under the direction of a board of directors composed of one representative from each hospital in the area. The medical school will not be running the center as an earlier *Spectrum* story indicated.

SPECTRUM

is published every other week during the academic year and monthly during the summer session by UMSL 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



ly, and the decline in services and opportunities for students.

Grobman said UMSL faces two primary problems—low faculty salaries and a lack of diversity in academic programs—in maintaining a quality public institution for the state's largest metropolitan area.

He also acknowledged the private sector's growing support of UMSL.

"Such support is necessary," he said, "because when added to the state appropriations and student fees, it is the difference that transforms an adequate institution into a great one."

Endowed chair established at UMC journalism school

A new professorship designed to help television executives strengthen the ability of local TV stations to serve their communities has been established at the UMC journalism school.

The Leonard H. Goldenson Endowed Chair of Broadcasting, named in honor of the chairman of American Broadcasting Companies, Inc., will be the nation's first center for mid-career education of local television stations' professional and managerial staffs, says Roy M. Fisher, dean of the journalism school.

"The new chair will provide educational programs, including professional courses, conferences, seminars, workshops and research activities in broadcasting and communications," Fisher says.

Some \$500,000 has already been pledged to support the chair, according to Martin Umansky, president of KAKE-TV, Wichita, Kan., who helped spearhead the project. The money came from ABC affiliated stations, other stations and foundations.

UMKC, BkMk Press sponsor Florida writers' conference

John Ciardi, one of America's foremost poets, and novelists Kathrin Perutz and George Cuomo, will be among 14 authors who will share their expertise at a writers' conference sponsored by UMKC in cooperation with BkMk Press. The conference will be held Aug. 9-13 at the Longboat Key Hilton Inn, Longboat Key, on the Gulf of Mexico near Sarasota, Fla.

The conference, which is designed for both advanced and beginning writers, will consist of lectures, seminars, readings, workshops and individual discussions. Professional manuscript evaluation will be available for a reading fee of \$25.

The registration fee for the conference is \$300, with a \$50 discount for faculty and staff from any of the four UM campuses.

Dan Jaffe, professor of English at

UMKC, poet and editor-in-chief of BkMk Press, will direct the conference. For information or to register by Visa or Mastercard, call UMKC at (816) 276-2736 ext. 60.



Donna Albro

Albro appointed director of UM affirmative action

Donna Albro has been named UM director of employee relations and affirmative action, announces R. Kenneth Hutchinson, assistant vice president for personnel services and staff relations.

Albro replaces Jackie McClain who left the University last fall to take a position with the city of Lawrence, Kan.

Albro has held positions in labor and personnel relations at City University of New York, the New York Department of State, the New Jersey State Department of Higher Education and State University of New York.

She has a law degree from Syracuse University and a B.A. degree in political science from Russell Sage College in Troy, N.Y.

Albro will provide direction for employee relations and affirmative action on the four UM campuses and in central administration.

Two curators receive honors for outstanding contributions

Curator Marian Oldham of St. Louis was recently honored by her alma mater, Harris-Stowe State College in St. Louis, with a distinguished alumni award.

Oldham was recognized for her contributions to the cause of higher education as a former teacher and member of the UM system Board of Curators.

Earlier this spring, Curator Daniel L.

Brenner, a Kansas City attorney, received the distinguished non-alumni award from the UMC law school. The award recognized Brenner's outstanding contributions to his profession and to the law school.

Laurels

continued from inside

tion in New Orleans at the annual meeting of the American Association of College Honor Societies.

Richard C. Waring, UMKC associate professor of physics, has been elected president of Sigma Pi Sigma, national society of physics students for a two-year term. Waring has been active in the organization for many years and has just completed a six-year term as a councillor.

Hugh E. Stephenson Jr., UMC professor and chief of the division of general surgery in the department of surgery, was elected to represent Missouri physicians as one of five state delegates to the American Medical Association.

Stephenson was elected to the two-year term during the annual meeting of the Missouri State Medical Association.

Roger P. Bey, UMC associate professor of finance, has been elected director of the Midwest Finance Association for a three-year term. The announcement was made recently during the annual meeting in Chicago. The Midwest Finance Association is the oldest regional academic finance association in the United States.

William B. Bondeson, UMC professor of philosophy and medicine and co-director of the program in health care and human values, has been elected chairman of the professional review committee for the Missouri State Department of Mental Health.

The committee reports to the division director on all matters concerning the design and implementation of research projects which use clients of the department as subjects. Scholars and researchers from many institutions around the state make up the committee.

W. Robert Brazelton, UMKC professor of economics, has been elected vice president of the Missouri Valley Economic Association. The organization, which has members from Ohio to Colorado and Michigan to Texas, plus several in Western Europe, holds annual meetings and publishes *The Journal of Economics*.

Lon Pearson, UMR associate professor of Spanish, was elected to the delegate assembly of the Modern Language Association of America for 1982-84. He will represent the Midwest and Rocky Mountain states.

Jobs

The following administrative/professional and academic vacancies were listed with *Spectrum* as of May 28. Those interested in a position should contact the appropriate department or personnel office.

UMC: dean, arts and science; asst. professors, anatomy, accountancy, education and counseling psychology, medicine-dermatology; asst./assoc. professors, advertising, medicine; research assoc., special education; administrative assoc. I; asst. director, western historical manuscript collection; clinical specialist, nursing; continuing education coordinator; coordinator special assignments; director, news service; manager, technical services; research specialist (2); training associate; **UMca:** asst. director, university relations/extension information officer; computer engineer; insurance manager; reactor maintenance engineer;

UMC Hospital: administrative nurse I (5); asst. director, nursing; asst. manager,

pharmacy-IV therapy; assoc. hospital director-professional services; clinical nurse I; education nurse (2); IV nurse (3); managers, cafeteria, food service, nutrition and dietetics, patient accounts, speech & hearing, financial reporting, financial planning; nurse anesthetist; nurse practitioner;

UMKC: lecturers, marketing, statistics and quantitative business analysis, finance, production operations management, computer programming, administration of justice, biology, economics, foreign languages; instructors, communication studies, continuing education; sr. instructor, continuing education; asst. professors, marketing-quantitative analysis, communications studies, psychology, education; visiting/asst. professor, sociology; adjunct asst. professor, administration of justice; asst./assoc. professors, mathematics, computer science, dental hygiene, periodontics; assoc./full professor-chairman, oral radiology; faculty position, music therapy;

adjunct faculty, theatre; visiting professor, theatre; clinical faculty, dentistry; research assts., biology, community studies; research assoc., family study center; sr. research asst., community studies; immunologist, biology; registered medical technologist;

UMR: lecturer, engineering technology; asst./assoc. professor, rock mechanics and explosives research center; research asst. professor, ceramic engineering; assoc. research engineer, chemistry; administrative assoc. I; asst. manager, housing; manager, FM radio promotions; senior buyer;

UMSL: asst. professors, accounting, marketing; asst./assoc./full professors, management, accounting; assoc./full professor, finance; instructor/asst./assoc./full professor, quantitative management; lecturer/coordinator, mathematics-center for academic development; community health nursing; medical-surgical nursing; administrative associate II; computer programmer/analyst I.