



GROUND-BREAKING CEREMONIES—UMR broke ground for the Thomas Jefferson Residence Hall addition Nov. 14. Construction is scheduled to start later this month.

Participating in the ceremonies were UM Curator Rex Z. Williams, shown above with the shovel, and, from left, Gary Davison, president of the Thomas Jefferson Housing Association; Joseph M. Rosenauer, representing the UMR Parents' Association; Paul T. Dowling, representing the alumni and development; and Melvin D. George, UM system vice president for academic affairs.

In action Nov. 13, the UM system Board of Curators authorized the issuance of revenue bond anticipation notes in the principal amount of \$7 million to provide interim financing for the construction of the addition.

Olson appoints new committee to study employee leave policies

An ad hoc committee to study vacation, sick leave and holiday policies for administrative, service and support staff has been appointed by UM President James C. Olson.

Olson named R. Kenneth Hutchinson, UM system assistant vice president for personnel services and staff relations, to chair the committee. He asked that the committee make a report to the University Cabinet by April 1982.

"The highest priority of the University remains that of achieving appropriate levels of compensation," Olson wrote to Hutchinson. He noted that recently a major study helped UM improve the position of indirect compensation relating to staff benefits of an insurance nature such as the retirement plan, medical plan and long-term disability plan.

"Another significant component of indirect compensation for administrative, service and support staff deals with vacation, sick leave and holiday policy and other select benefits," the president said.

Olson asked that the Personnel Direc-

tors' Advisory Council, along with one additional designate from each campus, constitute an ad hoc committee to undertake a comprehensive self-study of these areas.

"The committee should concentrate its efforts on the policy trends in higher education and the most efficient use of money expended for these programs," the president said.

Other members of the committee are Don Hatch, assistant director, physical plant, UMKC; Robert Proffer, manager, budget, UMSL; Ria Frijters, vice chancellor for administrative services, UMC; Howard Kincaid, associate director, Hospital and Clinics, UMC; and Joseph Wollard, executive director for administrative services, UMR.

Members of the Personnel Directors' Advisory Council who will serve on the committee are Connie Wood, UMC; Marilyn Reynolds, Hospital and Clinics, UMC; Harkless Cupp, UMKC; John Molchan, UMR; Wyndel Hill, UMSL; and Mike Reese, Jackie McClain and Forest Benedict, all of UMea.

Curators approve degree programs in computer science, general studies

The UM system Board of Curators approved a bachelor of general studies degree program at the Kansas City campus and a B.S. degree in computer science at St. Louis.

Although the B.G.S. program at UMKC will be a new degree in the College of Arts and Sciences, it isn't new to the UM system. It is now offered at UMC and UMSL.

The general studies program has no

emphasis area. It provides students a thorough, interdisciplinary foundation in the sciences, social sciences and humanities, equal to or in excess of requirements for the traditional B.A. and B.S. degrees.

The UMKC program offers flexibility for persons with full-time jobs and families in the urban area. One delivery mode is designed to accommodate students who want to take courses on campus either through the traditional day program or through the night degree program. The second delivery mode, designated as the Program for Adult College Education (PACE), consists of early morning television courses, a four-hour class one or two evenings per week, and one weekend class per month. PACE courses are organized in 12-hour credit blocks because of the interdisciplinary nature of the curricula.

The proposed computer science degree at UMSL will replace the current option in computer science under the B.S. degree in applied mathematics. Degree requirements would remain the same, however. They include at least 24 hours in computer science and at least 27 hours in mathematics.

The new program makes UMSL the only public four-year institution offering such a program in the metropolitan St. Louis area.

According to the UMSL admissions office, 10 percent of the students inquiring about UMSL programs last year asked about a program in computer science. Prospective students, however, tended to lose interest when told that the bachelor's degree was in applied mathematics rather than in computer science.

Day Named UMR Curator's Professor

Delbert E. Day, UMR professor of ceramic engineering and senior investigator for UMR's Graduate Center for Materials Research, was named a Curator's Professor by the UM system Board of Curators effective Jan. 1.

The professorships were established in 1968 by the board to attract and retain outstanding scholars with established reputations in their professions. Day is the third UMR faculty member to receive the honor.

Day, who received a B.S. in ceramic engineering at UMR in 1958, joined the Rolla faculty in 1961 after obtaining M.S. and Ph.D. degrees in ceramic technology from Pennsylvania State University.

In addition to teaching undergraduate and graduate courses in ceramic engineering, Day has been involved in research on a wide range of topics and has held several UMR administrative posts including chairman of UM's Intercampus Faculty Council and member of the University Cabinet.

A major portion of his research has been devoted to obtaining a better understanding of the relationship between the properties, structure and chemical composition of glasses. His work has ranged from fundamental ceramic engineering research to biomaterials, energy and processing of materials in space. Much of it has involved other fields of engineering and science.

Day regards himself primarily as a teacher, with research an integral part of his profession.



Delbert E. Day

"It keeps me technically up to date, with fresh ideas to bring before my classes," he says. "On the other hand, I get research ideas from my classes. One of these was Glasphalt, a mixture of crushed glass and asphalt, developed in cooperation with faculty from the civil engineering department. This evolved from a special assignment given to an undergraduate class for ideas for disposing of waste glass. Many of the test strips installed in this

country, Canada, Japan and Europe are still providing satisfactory service after 10 years of use."

He recently completed research on developing and evaluating refractories for use in coal gasification vessels. He is currently investigating the mechanical properties of aluminum oxide used for dental implants and hip joints.

Day is the author or co-author of 85 technical papers and two books and holds one U.S. patent. An internationally recognized authority on glass, he has been technical program director for three international conferences on glass.

He has been a consultant to numerous companies and since 1974 has been an adviser to the National Aeronautics and Space Administration (NASA) concerning materials processing experiments for the space shuttle program.

CENTRAL ADMINISTRATION
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701 LEWIS HALL

Rolla property donated

A gift of property from Rex Z. Williams to UMR was announced at the UM system Board of Curators meeting Nov. 13.

The property, located at 1306 Pine St., includes a six-bedroom house currently used for student rentals.

Williams is a UMR alumnus and former faculty member and a member of the Board of Curators.

Joseph D. Wollard, UMR executive director, administrative services, said, "We are pleased to receive this gift and are grateful to Mr. Williams, who has always been a staunch supporter of the University. The property is a valuable addition to UMR's real estate inventory."

Russell reelected Argonne chairman

UMKC Chancellor George A. Russell has been reelected chairman of the Board of Trustees of the Argonne Universities Association for the fifth consecutive year.

Association President Henry V. Bohm noted that during Chancellor Russell's tenure, "the board has accomplished more, served better and made more substantive decisions than in any previous time since the organization of AUA in 1965."

The association is an organization of 30 major mid-American universities. Its purposes are to foster scientific research by formulating, approving and reviewing policies, programs and budgets of the Argonne National Laboratory and to promote mutually beneficial relationships between the educational community and the Laboratory.

Curators hear reports

The UM system Board of Curators' Academic Affairs Committee heard a report about major changes at the UMC medical school and completed presentations on campus FM radio station operations which started at the October meeting.

Dean Charles Lobeck told the curators that Columbia campus' medical school is facing more than \$2 million in program reductions because of reduced federal and state funding. He said the school plans to eliminate certain programs rather than apply across-the-board cuts. Lobeck said he has appointed task forces to review and to establish priorities in the school's program. Reports are due in January.

The committee also concluded discussion of campus radio station operations with a continuation of a presentation about the St.

Louis campus' KWMU. Curator Oldham said the committee was responding to criticism of station operations made by local citizens and in a series of articles in the *St. Louis Post-Dispatch*.

Blair Farrell, director of university relations, and Rainer Steinhoff, station manager, answered the curators' questions. Specific complaints about the station suggest that it plays too much classical music, does not subscribe to Public Broadcasting Service's *All Things Considered* program and does not use enough student announcers.

"There is a perception among some people in St. Louis that the silk-stocking group controls the station," Oldham said. "I would like for us to figure out a way to eradicate that perception."

Aetna selected carrier for UM dental insurance

Aetna Life Insurance Co. was approved by the UM system Board of Curators as the carrier for the new dental plan for UM employees.

Aetna, of Hartford, Conn., submitted the lowest of six proposals received for the plan, which becomes effective Jan. 1 for UM employees who desire to participate.

Aetna submitted an annual rate of \$1,155,180. The other five proposals ranged upward to a high of \$1,589,338.

Other qualifications of the Aetna firm include its extensive program in dental insurance, claims processing provided by the Kansas City office and experience in higher education with dental insurance programs for the University of Nebraska and the University of Texas.

Curators authorize equipment transactions

The UM system Board of Curators approved several equipment transactions at their meeting Nov. 13. Items approved were:

- Lease of IBM 4331 computing equipment from IBM Corp. of Columbia for \$6,270.25 per month and a total of \$150,486 for furnishing, delivery and installation of the equipment. By taking advantage of declining cost in computer technology, UMC will be getting more function at the same cost. This equipment replaces an out-dated IBM 360-22 and will be used in support of research and computer science instruction.

- Purchase of 20 new disk storage devices for the UMea computer network from Storage Technical Corp. of St. Louis for \$663,320 plus \$67,824 annual maintenance cost. The new disk storage devices add 27 percent more

capacity and will use less floor space in a crowded computer room. The purchase is keeping with plans for improving computing capacity presented to the Board of Curators last April. The purchase will also result in capital funds coming back to the University. The existing 19 storage devices will be sold to the highest bidder. Advertised bids are due Nov. 25. Storage Technology Corp. has already made a trade-in offer that would pay UM more than the new equipment will cost, but other bids may exceed the corporation's offer due to a nation-wide shortage of disk equipment.

- Replacement of the computer system for UMC Hospital and Clinics for a monthly cost of \$39,581.26 for the system and \$1,461.15 a month for the software to be purchased from IBM Corp. of Jefferson City under a lease/purchase agreement. The equipment will replace system processors currently supporting the Hospital and Clinics' registration system and allow the hospital to have its own hardware and software. The cost of the monthly lease will be paid from hospital computer center operating funds.

- Purchase of copier equipment for the UMKC business services department for a five-year contract in the estimated amount of \$297,496.95 from Xerox Corp. of Overland Park, Kan. The Xerox equipment will be used by the campus' business services department to replace two other machines.

Olson outlines efforts to increase UM funding

UM President James C. Olson told the Board of Curators that efforts are underway nationally to make the Reagan administration and Congress aware of the serious impact additional federal funding reductions will have upon higher education.

Last month he and four other university

presidents appeared before the House Subcommittee on Postsecondary Education.

Olson said major research universities face the dilemma of the federal government wanting the states to assume a larger role in financing higher education at a time when state revenues are down. "We are in a very critical situation in this country in terms of financing," Olson said.

The task before UM at the state level, Olson said, is to "develop a broad public understanding for increased support by Missourians for their institutions."

Olson said he believes Missourians want a strong University, and "we must keep telling them what it takes to have such a University."

Retirees' benefits raised

The UM system Board of Curators has approved a 4.66 percent increase in retirement benefits for retirees who began receiving retirement benefits prior to Sept. 1, 1979.

The increase is effective Jan. 1, 1982 and will be reflected in the Jan. 31 retirement benefit check.

Emeritus title awarded

Upon recommendation of UMKC Chancellor George Russell and approval of UM President James C. Olson, the Board of Curators awarded the title of professor emeritus of dentistry to Charles C. Schooler, effective July 1, 1981.

Schooler retired in July, after serving as assistant dean of clinical affairs in the UMKC School of Dentistry for 11 years. Prior to that he was director of clinics for the dental school.

Changes made in Collected Rules and Regulations

At the UM system Board of Curators' Nov. 13 meeting, the following changes in the *Collected Rules and Regulations* were approved:

Section 5.0229. Funeral leave:	The change adds "grandchildren" as member of immediate family.
Section 5.0210.04. Holidays:	Minor word change to make section read: "When a holiday falls on Sunday, the following Monday is observed as the holiday. When a holiday falls on a Saturday, the preceding Friday will be observed as the holiday."
Section 5:	Delete reference to "Employee Relations Manual" throughout section. The publication no longer exists.
Section 5.0215. Shift Differential:	This action removes from the policy specific hourly amounts paid for shift differential work.

Jobs

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

UMC: asst. professors, English, sociology, chemistry, art history and archaeology, veterinary medicine, French, neurology, biochemistry, geology (3), psychology, speech pathology/audiology; assoc. professor, economics; asst./assoc. professors, psychology, statistics (2), computer science; asst./assoc./full professor, electrical engineering (2), mechanical and aerospace engineering (2); director/assoc. professor, Missouri cultural heritage center; research associates, rural sociology (2); instructor, physical therapy; administrative associate I; asst. manager, programs and promotions-KOMU-TV; asst. supervisor, custodial; computer programmer/analyst II (2); director, news services; food service supervisor I; food service supervisor II; spectrometrist; sr. computer programmer/

analyst (2); sr. information specialist; sr. research specialist; **UMca:** asst. editor; interior designer; manager, human resource development;

UMC Hospital: asst. director, nursing; asst. hospital plant engineer; dietitian; managers, hospital promotions and development, medical records; nurse anesthetist (4); patient care managers (7); pharmacist; safety coordinator; supervisors, building trades, credit and collections - MPIP, housekeeping;

UMKC: research assts., biology, English, community studies institute; sr. research asst., community studies institute; research assoc., medicine; instructors, communication studies, business operations and analysis; research analyst, medicine; asst. instructor, law-trial practice; instructor/asst. professor, medicine; asst. professors, physics (part-time), marketing-quantitative analysis, education; visiting/asst. professor, sociology; assoc. professor, design; visiting professor, medicine; asst./assoc. professors, dental hygiene, music (2), removable prosthodontics;

asst./assoc./full professors, accounting, fixed prosthodontics; clinical faculty, dentistry; coordinator-asst./assoc./full professor, biomedical sciences; clinical instructor/asst., dental hygiene; asst. dean for clinical affairs-asst./assoc./full professor, dentistry; professorial lecturer, law; accountant; radio news director;

UMR: asst. professors, history, computer science, math (2), asst./assoc. professors, graduate center for materials research, psychology, economics; professor, computer science; lecturers, English (2); research asst. professor, chemistry; postdoctoral research associate, ceramic engineering; manager, rock mechanics and explosive research; accountant; supervisor, technical laboratories;

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

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