

Spectrum

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President Russell reports progress on FY97 appropriations request

As the General Assembly was completing its work on appropriations bills for the University of Missouri, UM President George Russell reported to the Board of Curators Apr. 25 that approval by both houses and the Governor would result in "the largest inflation-adjusted percentage change in more than a decade."

Exclusive of special Curators' programs, the University's appropriations request for general operations totaled \$360.7 million in recurring funds, including \$4 million for the matching funds endowed chairs program.

Action taken as of April 25 by the General Assembly had followed the Governor's recommendations with the exception of the legislators' addition of \$100,000 to the budget of the Veterinary Diagnostic Clinic at UM-Columbia, a service provided for animal owners throughout the state.

Russell indicated that the General Assembly had also recommended that the \$4 million for endowed chairs be made part of the University's recurring budget. If the Governor were to agree, "we will have a permanent infusion of new funds to continue a truly outstanding endowment matching program," Russell said.

Appropriations to related University of Missouri programs were at the amounts recommended by the Governor, except for a \$69,000 increase proposed by lawmakers for a modest expansion of services at the State Historical Society.

The Governor and General Assembly also supported all funds requested in compliance with the Curators' instructions to maintain state support at a level to allow the University to operate the Missouri Rehabilitation Center (MRC) at Mt. Vernon without affecting funding for existing University programs. (see related article below.)

The General Assembly had also followed the Governor's recommendations on appropriation of one-time funds. The House had acted on the appropriations and Senate action was expected soon.

Russell said that funds allocated for salary and wage increases for the fiscal year will provide for a minimum of 3.8 percent for each employee group. Salary and wage principles distributed at the meeting stated, "With the exception of represented service and support staff, all salary adjustments will be on the basis of quality of performance and/or market circumstances."

Governor signs legislation to transfer Rehab Center

Gov. Mel Carnahan April 1 signed legislation that officially transfers operation of the Missouri Rehabilitation Center in Mount Vernon from the Missouri Department of Health to the University of Missouri Health Sciences Center.

The 136-bed rehabilitation hospital will become part of the UM-Columbia Health Sciences Center effective July 1, 1996. "The administration of the MU Health Sciences Center has done a tremendous job of revitalizing Ellis Fischel Cancer Center, another former state hospital that we placed in the University's care five years ago," Carnahan said. "Based on that experience, I am confident that the Health Sciences Center, under the leadership of Lester Bryant, will keep the Missouri Rehabilitation Center strong and thriving."

Fred Hall of Springfield, president of the UM System Board of Curators, said that both institutions will benefit from the transfer. "The Board of Curators is gratified that Governor Carnahan and the General Assembly provided for a transfer that makes educational and economic sense for the University and for the residents of Missouri," Hall said.

The measure that Carnahan signed authorizes the transfer of \$14.1 million in general revenue appropriations to the University during the upcoming fiscal year. Of that, \$4.1 million is a one-time allocation to cover transition costs that include: \$800,000 to establish a telemedicine link and other associated computer linkages between the Mount Vernon and Columbia facilities; \$2.5 million for repair and maintenance of the hospital's physical plant; \$669,000 to cover accrued employee vacation, holiday and compensation time; and \$189,000 to cover retirement benefits. The remaining \$9.9 million is a recurring general revenue appropriation that UM will receive annually to support the state-mandated services of brain injury and tuberculosis treatment provided at MRC.

After July 1, all MRC employees will become University of Missouri employees. Prior to that date, each employee will be given the one-time option of keeping the state of Missouri's benefit plan (Moser's retirement, health, life and disability) or transferring to the University's benefit plan.

"The Missouri Rehabilitation Center has a proud history of serving the people of Missouri, and we want to continue to build on that tradition," said Lester R. Bryant, M.D., Sc.D., dean of the MU School of Medicine.

MRC serves patients who need therapy and medical treatment following illness or injury. Home to the largest brain injury rehabilitation program in the state, the center also serves those recovering from strokes, spinal cord injury, orthopedic conditions, neurological diseases and other disabling conditions.

The center focuses on weaning pulmonary patients from their dependency on ventilators. Outpatient cardiac and pulmonary rehabilitation programs and primary-care clinics are also available at the center. Founded in 1907 as a tuberculosis sanatorium, MRC still serves the needs of TB patients with an inpatient unit and the state TB reference laboratory.

Consultants recommend social work programs

Four deans of nationally-recognized social work programs, retained by the University of Missouri to assess the need for social work programs in the state, have recommended new offerings at UM-St. Louis and UM-Kansas City, emphasis on the master's degree at UM-Columbia, broad collaboration with other Missouri institutions and use of technology to improve access to master's programs in social work.

A report on the consultants' recommendations was made by President George Russell to the Board of Curators April 25.

The consultants concluded that there is a growing demand for social workers in Missouri, especially for those equipped to meet more advanced and more specialized needs. The continuing demand is amplified, they said, because of high turnover in the field -- a national phenomenon.

They concluded that the 10 existing programs in Missouri that offer the bachelor's degree (BSW) can respond to current and foreseeable needs. There are only three accredited programs at the master's (MSW) level. One is at UM-Columbia and the other two are private universities: Washington University and St. Louis University, both in St. Louis. Another such program has been approved by the Coordinating Board for Higher Education for Southwest Missouri State University. MSW students may be enrolled at Southwest as early as next fall.

The consultants recommended:

- That the existing MSW program at UMC be strengthened by reallocating resources resulting from the reduction or elimination of the BSW program.
- That MSW programs be provided in some way at the University's campuses in St. Louis and Kansas City. (These programs could serve individuals already employed in human service organizations.)
- That the University explore a public/private collaboration with the MSW programs at the private universities in St. Louis.
- That, if new programs are established at UMKC and UMSL, the University create a committee of the directors of the three social work programs in the system. The committee's goal would be to foster collaboration within the UM System and with other programs in the state. Its membership could be expanded with the addition of directors of other programs willing to work in collaboration.
- That the University use interactive video to enhance quality and contain costs of improved access to undergraduate and graduate courses in social work.
- That UMC's School of Social Work develop a collaborative arrangement with Southeast Missouri State University's Department of Social Work to serve prospective MSW students in southeastern Missouri.

Russell reported agreement with the recommendation to establish new programs at Kansas City and St. Louis from the UM chancellors Eleanor Schwartz and Blanche Touhill, respectively on those campuses. Charles Kiesler, UMC chancellor, "is carefully considering the recommendation

that the BSW be eliminated on the Columbia campus and that the MSW be strengthened," Russell said.

CBHE Commissioner Kala Stroup and presidents at both Southwest and Southeast Missouri State Universities welcome consideration of collaboration via telecommunications, he said, and Missouri Western and Northwest Missouri State have expressed their interest.

"The chancellor of Washington University and the president of St. Louis University have expressed serious concerns about the establishment of another MSW program in the St. Louis area," Russell reported. "I am giving serious consideration to these concerns and am continuing to gather information related to needs in St. Louis," he said.

UM Health benefit plans examined

Following a general presentation on the University's benefits program at the February meeting of the Board of Curators, UM Executive Vice President Jim McGill reported to the Board Apr. 25 on possible outcomes for employee health insurance programs for the year beginning Jan. 1, 1997.

The health care and health insurance landscape, he said, continues to shift rapidly; and circumstances today are different from three years ago when the University was designing new health insurance programs for faculty and staff.

"First," he said, "the level of HMO penetration is much higher today." That means that the number of lives covered by the University's medical insurance, although large, is a smaller fraction of total business for insurers today. "In a phrase," he said, "we do not have the same market clout today."

McGill noted, however, that University Hospital and University Physicians are in a stronger position in working with managed care contracts. "University employees, state employees, Medicaid patients in mid-Missouri and several private employers contract for managed care services with UM-Columbia providers," McGill reported.

Third, the University's faculty and staff are better acquainted with, and more attuned to, managed care insurance. "We know, from employee surveys and industry bench marking, where we have problems in the implementation of managed care. In short, we are all smarter than we were three years ago," he asserted.

McGill credited "a very good University-wide faculty and staff benefits committee" with working to formulate a managed care plan for the next three years.

The committee recommends offering fewer programs. The current UM System-wide array in part reflects the University's geographic diversity and in part reflects the University's desire to provide substantial diversity of choice at the outset.

A wrenching part of the shift to managed care was the need for some employees to shift their care from one physician to another to benefit fully from the cost savings, McGill noted. For that reason, the benefits committee is suggesting that the University attempt to negotiate an extension with the existing insurance companies, rather than put the business out to the market for new bids for another three-year plan.

The University is in the early stages of negotiation with GenCare. McGill said that the University assumes that next year's subsidy of insurance programs should cost no more than this year's program, plus a medical inflation factor of about 5 percent.

The plan for the University of Missouri-Columbia may look different from the plan for the remainder of the University because University Hospital and University Physicians are the key providers for University employees in Columbia. "We are proposing a strong, long-term relationship between the University as a buyer of health insurance, on the one hand, and University Hospital and University Physicians as providers, on the other hand," McGill said.

Russell discusses UM competition with businesses

Board of Curators President Fred Hall has expressed concern with the perception that the University of Missouri may be competing unfairly with private enterprise in the provision of certain goods and services. In his report to the Board April 25, UM President George Russell said he shared Hall's uneasiness because, in travels throughout the state, he hears similar observations.

"The prospect of a public institution using tax money to subsidize enterprises in competition with businesses whose owners and employees pay those taxes seems patently unfair," Russell said. "The issue, however, is often more complex than it may appear to be."

The University of Missouri, he noted, along with most other institutions of higher education, provides food service and lodging for a large number of students. "I suspect many students and parents would want it no other way," he said.

He suggested that the most conspicuous example of the University's competition with the private sector is the University of Missouri-Columbia's Hospital and Clinics. "That enterprise, however, is the centerpiece of MU's excellent educational programs in medicine, nursing and health-related professions," he said.

The University owns bookstores, hires police, manages investments, produces video, prints publications and operates mail services, telephone systems, auto maintenance shops and soil testing laboratories, he said. "Our University also operates several radio stations and newspapers. In addition, the University of Missouri is the only public university in the nation that owns a commercial television station. There is no question, on the other hand, that the station, as well as KBIA, and *The Columbia Missourian* all contribute to the stature of MU's nationally-recognized School of Journalism," Russell stated.

He indicated that Board members had again received copies of the University's annual report on "Enterprise-Like Operations" within the UM System and their financial results for the fiscal year ended June 30, 1995.

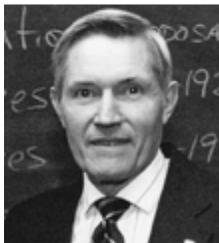
UM to sponsor state-wide Pew Higher Ed Roundtables

The University of Missouri will sponsor two Higher Education Roundtables next fall, sponsored by the Pew Charitable Trusts, and will invite teams of all public colleges and universities in the state to participate.

In March, Russell invited a senior member of the Roundtable staff to visit Missouri. "As a result of that exploratory discussion, I have contracted with the Pew organization to host two Roundtable sessions at the University in the Fall," he said.

The emphasis in those sessions will be on collaborative approaches to extending access to higher education programs. Russell said the Roundtable will involve approximately 90 participants.

Leuthold wins 1996 Jefferson Award



David Leuthold, professor emeritus of political science at the University of Missouri-Columbia, has won the University of Missouri System's 1996 Thomas Jefferson Award.

The annual award, funded through a grant from the Robert Earll McConnell Foundation, carries a \$5,000 stipend and goes to a faculty member who "through personal influence and performance of duty in teaching, writing and scholarship, character and influence, devotion and loyalty to the University best exemplifies the principles and ideals of Thomas Jefferson." A committee of faculty members from each of the UM System's four campuses selects the winner.

Leuthold received his bachelor's degree (1954) and master's degree (1960) from the University of Montana, and earned his Ph.D. from the University of California, Berkeley, in 1965. He joined the UM-Columbia faculty in 1963 and has served as the political science department's chair, director of its honors program, and director of its undergraduate education program. He also coordinated from 130 to 150 internships a year, offering political science students critical experience in state offices.

Leuthold has received numerous honors and awards. On campus, he has received the Shutz Award for distinguished teaching, the Alumni Association Faculty Award, and the Blue Chalk Award for outstanding advising. He also was named a Fulbright Fellow to India in 1988. He is the author of more than 100 publications ranging from refereed academic articles to University Extension offerings to videotapes. He is the author of three books: *Electioneering in a Democracy: Congressional Election Campaigns, Campaign Missouri 1992*, and *Missouri Government and Politics* (co-editor with Richard Hardy and Richard Dohm).

He also has been a popular teacher and adviser. In a letter nominating Leuthold for the award, political science chairman Birol Yesilada wrote, "His teaching philosophy emphasizes the principles of freedom of inquiry, diversity of views, the basic individual civil and political rights, and democratic civic culture. He spent an enormous amount of time each semester advising undergraduate students. There was a constant line of undergraduates in front of his office waiting to see him."

Leuthold recently coordinated research studies on the National Assembly elections held in Korea. This research is part of a larger project in which MU faculty are studying 1996 elections in six countries.

"David Leuthold's life work has been a constant inquiry into the workings of democracy, and he has helped all of us better understand our country and our politics," said UM President Russell. "His dedication to the truth, and to his students, makes him an excellent choice for an award in Thomas Jefferson's name."

Freeman named Outstanding Teacher



Tom Freeman, professor of geological sciences at the University of Missouri-Columbia, has won the University of Missouri System's 1996 Presidential Award for Outstanding Teaching.

The award honors long-term achievement in teaching at the UM System. It carries a \$15,000 stipend and is given to a faculty member who has served his or her campus for at least 10 years. Each UM campus nominates a candidate, and a systemwide committee considers teaching evaluations, peer reviews, course syllabi and other evidence of outstanding and innovative teaching in selecting the winner.

Freeman received his bachelor's degree (1956) and master's degree (1957) in geology from the University of Arkansas, and earned his Ph.D. (1962) from the University of Texas. After

working with the Sohio Petroleum Company and the Arkansas Geological Commission, he joined the Mizzou faculty in 1964, serving as chairman of the geology department three times.

Freeman's teaching excellence has been recognized throughout his more than 30 years at Mizzou. He has been selected the 1996 winner of the Neil Miner Award, from all geoscience teachers in the country, by the National Association of Geoscience Teachers. In addition to his undergraduate teaching load and supervision of graduate students, he leads public school children on tours of the campus geology museum and makes visits to elementary and secondary classrooms.

As a result of his efforts, he has won the College of Education's Influential American Educator Award (1974), the Amoco Foundation's Undergraduate Teaching Award (1976), the College of Arts and Science's Purple Chalk Award for Teaching Excellence (1979), the College of Agriculture's Gamma Sigma Delta Award of Merit (1980), a special citation from geology students for "enhancing the academic environment" (1988), and the Graduate-Professional Student Council's Gold Chalk Award (1993). In 1994, he was named William T. Kemper Fellow for Excellence in Teaching.

In the nomination process, Mizzou alumni were asked to comment on Freeman's teaching skills. One wrote, "He exhibits those rare and special qualities that only exceptional teachers and mentors possess. ... He is a leader and mentor by example, always demonstrating to his students that persistence and hard work are the keys to a successful education and career."

Another student of Freeman's wrote, "Dr. Freeman ... makes learning fun and makes thinking mandatory. ... I want to do well in college to better myself and to make my family proud, but I also want to do well in my classes because of Dr. Freeman. This probably sounds crazy, but I do not want to disappoint him."

"Tom Freeman's dedication to his students, and his students' dedication to him, have long been recognized on this campus," said MU Chancellor Charles Kiesler.

"He has been committed to making the undergraduate experience the best that it can be, and all of us here take great pride in the recognition he has received."

UMR's Day honored for Research and Creativity



Delbert Day, Curators' Professor of Ceramic Engineering at the University of Missouri-Rolla, has won the University of Missouri System's 1996 Presidential Award for Research and Creativity.

The award, which includes a \$15,000 stipend for research, is intended to recognize a UM faculty member for a sustained record of nationally and internationally prominent research or creativity.

Day earned his bachelor's degree from the Missouri School of Mines and Metallurgy (now UMR) in 1958, and his master's degree (1960) and Ph.D. (1961) from Pennsylvania State University. He joined the UMR faculty in 1961.

Day is an internationally recognized expert on the structure and properties of inorganic glasses, a renowned engineering educator, and a business entrepreneur. He is co-founder of a multimillion-dollar corporation with world-wide sales of specialty glasses, laser fusion targets, optical composites, and improved refractories for steel making.

Day might be best known in Missouri, however, for two scientific contributions. He conceived, along with Dr. Gary Ehrhardt of UM-Columbia, the idea of using glass microspheres to irradiate malignant tumors in humans. Day is also co-inventor of "glasphalt," a road paving substance that includes waste glass and is used throughout the world.

UMSL's Carroll wins Curators' Book Award



Joseph Carroll, professor of English at the University of Missouri-St. Louis, has won the annual Curators' Award for Scholarly Excellence for his book *Evolution and Literary Theory*.

The award, which includes a stipend of \$2,500, is given each year for the most outstanding book by a UM faculty member published by the University of Missouri Press.

Carroll's book vigorously attacks the principles of poststructuralism and offers a new theory that situates literary criticism within evolutionary theory.

Carroll earned his bachelor's degree in English (1974), and master's (1976) and doctoral degree (1981) in comparative literature, all from the University of California-Berkeley. He taught at the University of Denver before joining the UM-St. Louis faculty in 1985.

"*Evolution and Literary Theory* is indeed a work of considerable erudition, ... partly because of the quality of the author's openness of mind, reasonableness of argument, and clarity of writing," said Carl N. Degler, a distinguished professor of history at Stanford University.

Institute for Instructional Development announces grants for technology use

The Institute for Instructional Development, a systemwide panel of faculty members working to improve the quality of teaching and learning through appropriate applications of technology, has awarded more than \$1.3 million in grants to UM System faculty through three competitions

In its Fall 1995 and Winter 1996 competitions, the IID received a total of 70 proposals requesting more than \$2.7 million and granted support to 15.

The grants ranged from \$92,219 for "Enhancing Outreach Programs Using Multimedia Technology" in nursing, to \$28,512 for "A Multimedia Alternative to Costly Manufacturing Laboratories."

Proposals received by the institute were required to meet at least one of three criteria. They must be directed at:

- creation of educational materials and interactive instructional software needed to support intercampus, campus, or outreach and extension programs offered via information technologies;
- integration of instruction and technology to improve teaching and learning at the undergraduate, graduate and professional levels; or
- use of technologies in the offering of dual-credit courses designed to serve the needs of Missouri's secondary students.

For information on the grant procedure or the Institute for Instructional Development, contact J. Russell Wilson, interim executive secretary, (816) 235-5575. His electronic mail address is wilsonr@smtpgate.umkc.edu.

Fall 1995 IID Awards:

Jack Jules Bourquin, *UMR*, "Basic Engineering Software for Teaching" (BEST) Circuits, \$49,435

Edward Everett Brent, *UMC*, "Making It: A Sociological Simulation of Adolescence," \$49,985

Rex Campbell, *UMC*, "Breaking New Pathways: Converting an MU-SMSU Course," \$40,846

Thomas J. Crowe, *UMC*, "A Multimedia Alternative to Costly Manufacturing Laboratories," \$28,512

Joel Epstein, *UMC*, "Multimedia Neuropsychology Course," \$74,785

Robert Nauss, *UMSL*, "Computer/Video Technology to Enhance Knowledge Transfer," \$53,570

Tina Marie Niemi, *UMKC*, "A Computer-Based Introductory Environmental Science Lab," \$47,215

Michael W. Prewitt, *UMC*, "Virtual Human Intubation Simulation," \$58,750

Charles Slivinsky, *UMC*, "Cybercourse in Multimedia Systems: Prototype and Evaluation," \$35,930

Winter 1996 IID Awards:

Jean A. Bachman, *UMSL*, "Enhancing Outreach Using Multimedia Technology," \$97,219

Ralph E. Flori, Jr., *UMR*, "BEST: A learning environment for Engineering Dynamics," \$62,900

James C. Mobberley, *UMKC*, "CD-ROMS for Music Composition, MIDI, and College Prep," \$45,824

David B. Oglesby, *UMR*, "BEST Statics," \$58,395

R. Lee Peyton, *UMC*, "Environmental M.S. Degree via the Internet," \$49,648

Curators push timetable for UMC athletic facilities improvements

The Board of Curators, in its meeting April 25 in Rolla, approved an accelerated timetable for construction of two large projects for the UM-Columbia athletic department.

The proposal passed by the board calls for the university president to "proceed immediately to take all steps necessary to construct, as soon as possible, both the expansion to the Dutton Brookfield/Tom N. Taylor Athletic Building and the new Daniel J. Devine Pavilion, each estimated to cost \$6 million."

The motion also requires President George Russell to recommend architects to the board by June 1, and to present a plan for financing the buildings at the time construction contracts are awarded.

Curators also approved the hiring of design consultants Ellerbe Becket Inc. of Kansas City for the projects. After designs are approved in August, construction awards are expected to be ready for approval by the Board in April 1997 for the Daniel J. Devine Pavilion, and in May 1997 for the Dutton Brookfield/Tom N. Taylor expansion. Construction for both projects is scheduled to

be completed in July 1998.

The Brookfield/Taylor project will expand the existing 34,000-square-foot facility to approximately 69,000 square feet, providing more space for sports medicine, locker facilities, office and conference space, dining, and storage. The Daniel J. Devine Pavilion will be a 90,000-square-foot indoor practice facility for football, baseball, softball, soccer, volleyball, golf, and gymnastics. The facility will be an addition to the south side of the Hearn Center, and will feature a full 100-yard football field.

In other action, the board:

- Discussed the schematic design for a new 119,600-square-foot business and public administration building at UMC. Action was tabled on the the \$22 million building, to be located south of the Donald W. Reynolds Alumni Center on the southwest corner of the new quadrangle.
- Hired the design firm of Gastinger Walker Harden Architects of Kansas City for design services related to the renovation of Haag Hall, Royall Hall and the Geosciences Building, all at UM-Kansas City.
- Approved the schematic design for the \$3 million expansion of Brady Commons at UMC. The money for the expansion will come from the bookstore reserve funds.
- Authorized a construction contract for the Southwestern Bell Telephone Tele-Community Center at UM-St. Louis. The project is a renovation and expansion of part of the Blue Metal Office Building.

South African Exchange Program Invites Proposals

The University of Missouri South African Education Program (UMSAEP) committee invites proposals from UM faculty members who are interested in participating in the University's academic exchange program with the University of the Western Cape, located in Bellville (Cape Town), South Africa. The University of the Western Cape is organized around faculties in Arts and Philosophy, Science and Mathematics, Education, Community Health Sciences, Business and Economics, Law, Theology, and Dentistry.

Since the program was established in 1986, a total of 221 faculty exchanges have taken place between the two universities. Proposals are now being accepted from faculty interested in participating in the exchange program during calendar year 1997.

The UMSAEP program will support: long-term visits, including research or teaching all or part of regular courses at UWC; collaborative projects involving faculty members from both UM and UWC especially those focusing on curriculum development, joint research and publication, or professional training; and short-term visits expected to lead to collaborative projects.

Proposals that identify matching funding will be given priority consideration. Application forms and other requirements are available from campus coordinators listed below. The deadline for

applications is June 1, 1996.

UMC:

John Heyl, director

The International Center

S-16 Memorial Union

Phone: (573)882-6008 Fax: (573)884-5079

Internet: cipsjh@mizzou1.missouri.edu

UMKC:

Joseph B. Hughey, associate professor of psychology

5301 Holmes

Phone: (816)235-1088 Fax: (816)235-1062

Internet: jhughey@cctr.umkc.edu

Judith McCormick, assistant dean

Arts & Sciences

313 Scofield Hall

Phone: (816)235-1147, Fax: (816)235-5191

Internet: none

UMR:

Eunice French, director

International Studies and Programs

108 Norwood Hall

Phone: (573)341-4208 Fax: (573)341-6333

Internet: efrench@umr.edu

UMSL:

Joel Glassman, director

International Studies

366 SSB

Phone: (314)516-5755 Fax: (314)516-6757

Internet: instlstud.@umslvma.umsl.ed

Correction

The address for Ernie Cornford, UMSL campus travel coordinator, was incorrect in the March issue of *Spectrum*. The correct address is 324 Woods Hall, phone: (314)516-5092.