

UMR, UMKC admitted to NASULGC

UMR and UMKC have been admitted to membership in the National Association of State Universities and Land-Grant Colleges, and President Ratchford has been elected secretary of the association.

At the NASULGC meeting next November, Ratchford will become chairman of the Council of Presidents and a member of the association's Executive Committee.

Evaluation of jobs winding up

The nine "functional" committees involved in the staff compensation study have almost completed evaluation of job classifications within their various areas, according to James A. Hughes, Jr., of Robert H. Hayes and Associates, Inc., the Chicago consulting firm directing the study.

The 90-odd staff members serving on the functional committees have been meeting two days a week for the last month, working with classification descriptions prepared from the position questionnaires filled out by UM employees.

"Using these descriptions and their general knowledge of the work being performed," said Hughes, "the committees have been evaluating these classifications using a proprietary point count system developed by Hayes and Associates for use in colleges and universities. The results of this evaluation phase will be a ranking of approximately 630 classifications. This phase is expected to be completed in early December."

After the committees have completed their evaluations, Hughes said, the results will be reviewed and grouped into salary grades.

"The details of the timing and extent of this review are now being worked out," Hughes said. "It will be recommended that as either part of the initial review or in the subsequent implementation of the program, each staff member involved will have an opportunity to request a review of his or her own status if he or she questions either their assignment to a classification or salary grade."

The committees include representatives from all four campuses and from all major functional classifications being studied. Names of committee members may be obtained from campus personnel departments.

Panel to seek reasons for fall in SAT scores

A blue-ribbon panel headed by Willard Wirtz, former Labor secretary, has been set up to investigate the continuing decline in the verbal and mathematical aptitude scores of college-bound high school seniors.

In announcing formation of the panel, Sidney P. Marland, Jr., president of the College Entrance Examination Board, said: "The SAT was not designed as a measure of school performance and should not be used that way. To single out the schools as being responsible for the decline is unwarranted, unfair and scientifically unfounded."

"The question of [the] SAT score decline, with all that it connotes...for the schools, colleges and individuals that it serves, remains a serious one that we are examining intensely but not with a sense of panic."

(A detailed story about the decline in SAT averages appeared in the Sept. 26th issue of *Spectrum*.)

Tiny manuscript by Bronte reflects fertile imagination

It was not out of perversity that Charlotte Bronte wrote her early tales in script so exquisitely minute that a powerful magnifying glass is needed to read it. She was in fact writing for imaginary beings who were only about 12 inches tall, beings who inhabited a fantasy world into which she frequently retreated.

In all, about 50 of these juvenile manuscripts are known to have survived. The one recently given to the University by the Symington family, after having been found among the papers of the late Mrs. Evelyn Symington, has been transcribed and is now being edited for publication by Dr. William Holtz, professor of English at UMC.

As Holtz will attest, the job of transcribing Charlotte's tiny handwriting was in itself no mean feat. The manuscript runs only 13 pages, the page size being 3% by 4½ inches, but it contains—incredibly—some 15,000 words. Holtz says he worked about an hour on each page. "But," he adds, "it's the kind of labor that involves working 10 minutes and then resting 10 minutes."

With the transcription completed, Holtz will prepare a reading version, with spelling and punctuation normalized. He plans to write a general introduction that will place the juvenile manuscripts for the general reader in the Bronte canon, then separate introductions to each of the two tales in the manuscript—"The Secret" and "Lily Hart."

The plots of the two tales do not merely defy concise summarization; they militate against it. At bay, Holtz will sigh with resignation and then run through a

20-minute, point-by-point recap—avoiding the sin of omission but damning the soul of wit. Suffice it to say that the tales are quiveringly romantic, replete with elements of the Gothic mode and mirroring Charlotte's fondness for the works of Byron and Scott.

"It's apparent," says Holtz, "that her years of juvenile writing form a rich seedbed out of which Charlotte's mature novels grew. The themes remain much the same. The characters are recognizably similar. Problems that she confronted in the juvenile manuscripts reappear in the novels, the difference being that the juvenile manuscripts are wildly romantic, the early ones infused with actual magic, with an air of the supernatural, whereas her later novels are disciplined by her sense of the novel being a realistic form, determined by probability, necessity and contemporary events."

"The male protagonist in the first tale, 'The Secret,' is her favorite hero, the Duke of Zamorna, who is an early study for Rochester in *Jane Eyre*. He is a figure who reappears again and again in these stories. His then-wife, Marian Hume, is a character whose situation reminds us of Jane Eyre and later of Lucy Snowe in *Villette*."

"Shifting to the second tale in this manuscript, 'Lily Hart,' we encounter John, Duke of Fidenia, who reappears in other juvenile manuscripts and is an early study for St. John Rivers, the religious fanatic of the later part of *Jane Eyre*. The consistency of interest in characters and themes runs right on throughout."

Holtz says the manuscript he is working on is dated 1833, when Charlotte was 17 years old. This places it in just about the middle of the cycle of juvenile writing.

"The early manuscripts," he says, "written when she was 14 or so, are quite childish—interesting, cute, but childish. The late ones, around 1838 and 1839, are very clearly early novelettes. Well beyond the juvenile stage, they are sort of apprentice novels. The manuscript of 'The Secret' and 'Lily Hart' comes somewhere in between. It shows a rich, fertile imagination, considerable talent, but the tales are not very severely disciplined in terms of probability and necessity."

For some time, Holtz explains, little was known about Charlotte's juvenile writings. At one point, he says, Charlotte alluded to them to a friend, but then would say no more.

"Apparently," Holtz says, "many of these juvenile manuscripts were saved, . . . and Charlotte's husband took them back with him to Ireland after her death. The manuscript we have apparently was known to Charlotte's first biographer, Mrs. Gaskell, who reproduced the first page of it in her biography of Charlotte, which was published in 1857. She had apparently seen them when she visited Charlotte's husband."

The story picks up again in 1892, when a scholar poking around in Brussels found a manuscript with Charlotte's name on it. Hearing of this, another scholar visited Charlotte's husband and obtained a number of juvenile manuscripts, which he sold to collectors. Records show that the manuscript of "The Secret" and "Lily Hart" was bought by a George D. Smith in New York in 1915, and nothing more was known about it until it turned up among Mrs. Symington's papers.

Holtz says he hopes to have completed his work by early next fall.



Prof. William Holtz

Med students to visit China

Thirty students and faculty members from UMKC's School of Medicine have been invited to visit the People's Republic of China for three weeks beginning next February 11.

The trip will cost \$2,200 per person. Dr. E. Grey Dimond, provost for health sciences at UMKC, said private sources would provide the money.

High court rejects appeal

The U.S. Supreme Court has refused to consider appeals by two former professors at UMR who contended that they had been dismissed without due process. The two are Joseph Victor Cusumano, who was an instructor in engineering mechanics, and Sidney M. Harmon, formerly an associate professor of mathematics. Neither was tenured.

Fellowship in reporting set up

UMC has received \$25,000 to establish a fellowship program in economics reporting in the name of Herbert J. Davenport, who was the first dean of UM's College of Business and Public Administration.

The program will bring mid-career journalists to UMC for four weeks of intensive economics study, paying their tuition and fees, along with room and board, and providing each fellow with a stipend of \$500.

Uffelmann emphasizes how, not what



Dr. Hans Uffelmann, chairman of UMKC's philosophy department.

—Photo by Jon Dunn

Curators to discuss Senate bill

Among the subjects coming before the Board of Curators is Senate Bill No. 58, which is effective Jan. 1, 1975. It requires that all rules and regulations affecting the general public be filed with the secretary of state of Missouri, and puts an effective 90-day waiting period on the implementation of any new rule affecting the public.

The University Cabinet approved the latest version of an affirmative-action plan, except for some questions about a grievance procedure. Those questions will be examined by Merl Baker, presidential special assistant, and the Office of the General Counsel. The next step is campus implementation procedures.

A system for evaluation of academic administrators is being developed under the guidance of A. G. Unklesbay, vice president for administration. Such a procedure was called for in the 1971 "Agenda for Action."

President Ratchford and Ray Bezoni, vice president for finance, have warned the University Cabinet that state withholding of three per cent of the current operations appropriation seems probable.

"Financial exigencies" is a term used in UM tenure regulations, but it is not defined. While President Ratchford says he does not see any immediate possibility of "financial exigency," which would require dismissal of tenured faculty, he endorses the initiative of Mel George, vice president for academic affairs, to develop a definition. George is working with the campus provosts for academic affairs. They have asked the chancellors to name two faculty from each campus to assist. At least one of the faculty from each campus is to be a full-time teaching faculty member.

Throughout the history of thinking man, various ethical, social and moral issues have surfaced again and again, yet they remain basically unresolved.

Dr. Hans Uffelmann, chairman of UMKC's philosophy department, in trying to deal with some of these issues, does not attempt to define right or wrong as a general approach, but tries to teach persons how best to deal with the issues in a way which is acceptable to the individual.

This is a natural procedure for Dr. Uffelmann, who, as a phenomenologist and existentialist, is part of a contemporary philosophical movement which focuses on the individual's free will and which emphasizes the primacy of human freedom and responsibility in regard to social and ethical concerns.

"My field of expertise is in value theory, particularly in medical ethics and biological ethics," the 42-year-old philosopher says. "In social issues, I am more concerned with the process than with predetermined ends. I present the problems, then explore different ways to approach a decision."

Constantly in demand as a lecturer not only by undergraduate and graduate students, but also by community organizations and continuing-education classes, Dr. Uffelmann also has been a popular teacher at the National Science Foundation's Chautauqua-type short courses.

He has an instinctive ability to judge his audience's interest level so that he can effectively present his philosophical views in terms to which people can relate. He uses contemporary issues and brilliant examples of direct concern to the individuals. Listeners have described him as

inspirational, stimulating, persuasive—and, of course, logical and thought-provoking.

The native German says there are generalized approaches to decision-making no matter what the issue. He says the extremist in decision-making is the absolutist, who has certain outlined rules and regulations that must be followed, and his opposite is the subjective relativist, who makes an emotional decision which he feels is as valid as any other. Dr. Uffelmann adds that individuals between these extremes are the ones who usually have the most difficulty making decisions. His approach for these persons is to help them reach a conclusion through a scientific approach which also considers emotional and other factors.

"I try to show there is a paradigm approach which is quite similar to a scientific method," he says. "The goal is to help the person become an objective relativist. The steps are first to sensitize the person to become aware that a problem exists beyond the realm of science, medicine or any other specific discipline. Next is to analyze the problem by considering as many aspects as possible in order to make an informed judgment. Then comes a synthesis of the facts to gain perspective. The final step is to make a decision."

He says that in a case such as that of Karen Quinlan, with life-sustaining machines keeping her alive while most autonomous body functions are failing, the paradigm also may be applied.

"I would advise the parents, on whom the decision must rest," he says, "to get all the expert and factual advice available in order to study all variables, put the evidence together, and then announce they have reached an informed freely chosen decision for which they accept responsibility. The choice of whether or not to take her off the respirator is not simply the prolonging or cessation of life, but the quality of life."

Dr. Uffelmann says he feels the decision-making process is the most important aspect of the approach.

"What is significant is not what the decision is, or if it is 'good' or 'bad,'" he adds. "What is important is how the decision was made and whether the person feels comfortable with the way it was made, for in such cases decisions are irreversible."

Because two individuals confronting similar issues with similar considerations may reach totally different conclusions, the paradigm may seem close to the relativist extreme. However, Dr. Uffelmann explains that the method has more similarities to a scientific method than

dissimilarities. He refers to it as objective relativism.

"The major differences between ethical decision-making and scientific decision-making are usually attitudinal," he says. "Scientific decisions are orderly with 'proof' while ethical decisions are opinion. You cannot make an ethical decision without some emotional commitment, but the scientific method would be a qualitatively better decision because it allows a logical ethical decision without total emotional commitment."

He says persons may have difficulty in various cases because of confusion of ideologies on ethics and morality.

"People often confuse ethics with etiquette, and think ethics is a designated list of do's and don't's for any given situation," he says. "The problem with morals is that it is a matter of conditioning, which often directs people what to do rather than how to go about doing it. Morality is customary behavior whose only justification often is age."

He adds that as with morality, some laws are justified only in that they do exist and have existed for a period of time. Or a law may be written with no intentions of enforcing it.

Dr. Uffelmann feels that legislation is meaningless unless it also encompasses other considerations.

"Legislation must be concerned with attitudinal changes in people," he says. "The way to change attitudes is through education. Many persons conceive of education in too narrow a sense. It is not for

Vacancies

The following vacancies were listed as of Nov. 12:

UMC—Asst. coordinator, Safety and Risk Management; assoc. supervisor, reactor; food service mgr.; info. spec. II; reactor engineer II; res. spec. (2); sr. fiscal analyst; chairman, department of child and family development.

UMC MED CENTER—Sr. fiscal analyst; staff nurse (22); staff nurse II (2).

UMKC—Acad. advisor; supervisor of career development.

UMR—Health physicist.

UMSL—Dir. of Alumni Activities.

Persons interested in a non-academic vacancy should contact the personnel office on the campus where the vacancy exists. Persons interested in an academic vacancy should contact the department or school in which the vacancy exists.

NOTE: Department chairmen wishing to place announcements of academic vacancies in Spectrum should write to Spectrum, 424 Lewis Hall, Columbia.

High-level vacancies

The University is seeking applicants for two high-level vacancies—administrative vice president and assistant to the president for state relations.

Responsibilities of the administrative vice president are as follows: Reporting directly to the president, he or she will serve as the primary fiscal and physical plant support officer, with overall responsibilities that include accounting; budget preparation and administration; financial administration of grants, research training and teaching contracts; personnel and fringe benefits; contractual relationships; purchasing; planning, construction, operation, maintenance and security of physical facilities; control of real estate; and other related activities.

Responsibilities of assistant to the president for state relations: Maintain liaison with the General Assembly and state agencies; keep the University community advised of actions in state government affecting the University, and assist in developing University policies as they relate to state government.

Lucas to head educ. studies body

Christopher J. Lucas, UMC professor of education, is the new president-elect of the American Educational Studies Association.

Lucas is area coordinator of social-philosophic foundations of education in the College of Education. He has been a member of the UM faculty since 1967.

children only. We should redouble our efforts in adult education, non-traditional education and experimentation."

He says it is futile to educate children in attitudinal changes if they go home and have other behavior enforced through their parents.

"Until we can make an impression at both ends, the adult and the child, we perpetuate a cycle that may never be broken," Dr. Uffelmann explains.

He says issues are much the same today as when Plato, Aristotle and Socrates first commented on the ills of society. When asked if students become depressed to see that so little progress has been made in this area, Dr. Uffelmann replies, "I hope so."

He quickly adds, "I think it is fair to say that we have made some progress, but this dissatisfaction often is with the actual progress made, and the pace."

Dr. Uffelmann, born in Kassel, Germany, came to the United States in June 1952. After attending Sacramento Junior College in California, he enlisted in the Army, serving three years as a surgical technician in the Medical Service Corps. He thus was permitted to bypass the five-year residency requirement for citizenship and obtained full citizenship in August 1955.

He received his A.A. degree in zoology at Sacramento City College in 1954, his B.A. in zoology and philosophy at the University of California-Davis in 1960, and his M.A. and Ph.D. in philosophy at Northwestern University.

He says the change in majors was inspired because he wanted to get as many intellectual perspectives as possible, and he felt science was too limited to satisfy his curiosity.

Dr. Uffelmann has taught at UMKC since 1963. He served as acting chairman of philosophy in the fall semester of 1969. He was named chairman in 1974. Previously he was a member of the philosophy faculty at Northwestern University as well as a research assistant, translator and copyreader for the editor of the Library of Living Philosophers.

A member of Omicron Delta Kappa, national honor society, he also was 1968 recipient of a Standard Oil Company Award for Excellence in Undergraduate Teaching and a nominee for the Harbison Award. He was recipient of a Faculty Research Grant in 1970.

Dr. Uffelmann's published works include "Behavior Control in the Classroom" in the 1972 Danforth Foundation Report as well as translations of "Martin Buber and Christianity," by Hans Urs von Balthasar, and "Replies to My Critics," by Martin Buber, both published in 1967 in "The Philosophy of Martin Buber."

He is currently presenting a course he designed entitled "Perspectives in Bio Ethics," which he was invited to teach for a Chautauqua-type short course for college teachers. The program is conducted by the American Association for the Advancement of Science with support from the National Science Foundation.

His course is on the Eastern Circuit and already has been held two days each at Hampshire College, the University of Maryland, Clark College and Syracuse University. He teaches about 30 participants at each campus and will return for follow-up sessions beginning in February.

The course utilizes case studies, film and demonstration to teach the instructors to apply the concepts for their own teaching purposes.

"My function as an educator in ethics is not particularly to tell people what they ought to do," he said. "My job is to be interested in these areas and to sensitize people to get them to think and work out their own conclusions in the most responsible way."

— Phillipa Mezile

UM grants 10,259 degrees

The University granted 10,259 degrees in 147 academic disciplines on its four campuses between July 1, 1974, and June 30, 1975, according to a report prepared by UM's Office of Institutional Research.

Included in the total are 6,777 bachelors', 2,376 masters', 364 doctoral and 672 first professional degrees (law, medicine, veterinary medicine, dentistry and pharmacy). In addition, the University conferred 64 graduate-level educational-specialist certificates, three professional-development degrees in post-baccalaureate engineering programs and three associate arts degrees in connection with a program assumed from Central Missouri State University at the Truman campus in Kansas City.

Degrees awarded at the individual campuses:

- Columbia: 5,112 (3,368 bachelors', 306 first professional, 1,108 masters', 290 doctoral and 40 intermediate).
- Kansas City: 2,249 (1,171 bachelors', 366 first professional, 653 masters', 32 doctoral, 24 intermediate and three associates').

- Rolla: 1,081 (762 bachelors', 274 masters', 42 doctoral and three professional-development).

- St. Louis: 1,817 (1,476 bachelors' and 341 masters').

For the first time in recent years, the number of degrees granted by the University is less than in the preceding year, and Joe Saupe, director of the Office of Institutional Research, says he has not yet been able to discover the reason for the decline.

"I believe one would be jumping to conclusions to assert that the cause is increased attrition," he said. "While we don't have the longitudinal data that would be necessary to state what attrition rates are or have been, the data we do have leads me to conclude that this easy answer to the question may well not be the correct one."

"The only hypothesis I can offer is that the 1974-75 decrease in degrees granted is some sort of happenstance result of the 'stop in/stop out' irregular attendance pattern which is not new and the increase in part-time attendance."

Spectrum

is published every other week during the academic year and monthly during the summer session by University Information Services in co-operation with the Columbia, Kansas City, Rolla and St. Louis Offices of Public Information. Editor: Harold V. Cordry, 882-4591. Campus Page Editors: UMC—Anne D. Robinson, 882-6211; UMKC—Phillippa Mezile, 276-1576; UMR—Sally White, 341-4259; UMMSL—Jill P. Bass, 453-5666.



Here and there

... Everett Walters and John P. Perry have been appointed vice chancellors at UMMSL.

... UMC agriculture researchers rank third in the nation — behind researchers at the universities of Georgia and Wisconsin — in the number of journal articles per person, according to a report from the Cooperative State Research Service.

... Gaylord V. Marr, assistant professor in communication studies at UMKC, and Eph Ehly, associate professor of music and chairman of choral activities at the UMKC Conservatory of Music, have received alumni awards for excellence in undergraduate teaching.

... George M. Vredevel, UMC assistant professor of economics, has been cited by the Council on Economic Education for his in-service training program in economics for teachers in secondary schools.

... Edward C. Lambert, UMC professor of journalism, has been honored by the Missouri Broadcasters Association with the Lifetime Membership Award for "outstanding service to broadcasting."

... Dr. Gladys Atkins Courtney, professor and head of the department of general nursing at the University of Illinois College of Nursing, has been named dean of UMC's School of Nursing. Her appointment will be effective June 1, 1976.



Booking agents showcase talent at conference of Association of College Unions-International, held recently at UMR.

UMC Calendar of Events

ACADEMIC SCHEDULE

Nov. 26: Thanksgiving Recess begins, 12:30 p.m.
 Dec. 1: Classwork resumes, 7:40 a.m.
 Dec. 9: Classwork first semester ends, 5:30 p.m.
 Dec. 10: Stop Day.
 Dec. 11: Final examinations begin.
 Dec. 18: First semester closes, 5:00 p.m.

ATHLETIC EVENTS

Nov. 29: Basketball: Fairleigh Dickinson vs UMC. Tipoff at 7:35 in Hearnes Multipurpose Bldg.
 Dec. 2: Basketball: Toledo vs UMC. Tipoff at 7:35 Hearnes Multipurpose Bldg.
 Dec. 5-6: Basketball: Show-Me Classic—Missouri, Oklahoma City, Baylor, and Cleveland State.
 Dec. 13: Basketball: South Dakota vs UMC. Tipoff at 7:35 in Hearnes Multipurpose Bldg.

CONCERTS, PLAYS

Nov. 21-22: "The Three Cuckolds", 7:30 p.m., University Theatre General Admissions—\$2.50.
 Nov. 20: Woodwind Ensemble, 8:15 p.m., Fine Arts Recital Hall.
 Nov. 23: Collegium Musicum Concert, 3:30 p.m., Fine Arts Recital Hall.
 Nov. 24: Stage and Studio Band in concert, 8:15 p.m., Jesse Aud.
 Nov. 23: Faculty Clarinet Recital: Richard L. Hills, 8:15 p.m., Fine Arts Recital Hall.
 Nov. 24: Graduate Viola Recital: Greg Savage, 8:15 p.m., Fine Arts Recital Hall.
 Dec. 1: St. Louis Brass Quintet Concert, 7:00 p.m., Fine Arts Recital Hall.
 Dec. 2: Men's and Women's Chorus, Vocal Jazz Ensemble Concert, 8:15 p.m., Jesse Aud.
 Dec. 2: Graduate Piano Recital: Nora Hulse, 8:15 p.m., Fine Arts Recital Hall.
 Dec. 4: University Chorus Concert, 8:15 p.m., Jesse Aud.
 Dec. 5: Faculty Cello Recital: Carleton Spotts, 8:15 p.m., Fine Arts Recital Hall.
 Dec. 6: Student Bassoon Recital: Pat Cumbie, 8:15 p.m., Fine Arts Recital Hall.
 Dec. 7: University Singers Concert, 3:15 p.m., Jesse Aud.
 Dec. 6: UMC Concert Series: James McCracken, tenor, and Sandra Warfield, mezzo-soprano, 8:15 p.m., Jesse Aud. Reserved seat tickets are \$3 and \$2.50 for faculty, staff and public.
 Dec. 7: Percussion Ensemble Recital, 8:15 p.m., Fine Arts Recital Hall.
 Dec. 8: Student Composition Recital, 8:15 p.m., Fine Arts Recital Hall.
 Dec. 10: Esterhazy String Quartet, 8:15 p.m., Jesse Aud.

CONFERENCES, SHORT COURSES

Nov. 16-21: Graduate Institute of Cooperative Leadership II at Stephens College.
 Nov. 21-22 & Dec. 1-2: Professionals in Youth at the Ramada Inn.
 Nov. 17-21: Office of Continuing Education & Extension sponsors Administrator in Training in the Memorial Student Union. Registration is at 9 a.m. Further information—882-2256.
 Nov. 21-22: Missouri Congress on the Female Offender on UMC campus and Stephens.
 Nov. 22: Cancer Detection and Early Diagnosis at 8:30 a.m. to 4 p.m. at the Hilton Inn.
 Dec. 4-5: Seminar in Agricultural Marketing, Union.
 Dec. 7-8: Changing Roles of Women and Men at Ramada Inn.

DEADLINES, OTHER EVENTS

Nov. 21, Dec. 5: Public Telescope Observing, 8:00 p.m., Laws Observatory atop Physics Building weather permitting.
 Nov. 24: Faculty Bulletin Deadline
 Nov. 25: Spectrum Deadline
 Dec. 3: A General Faculty Meeting, 3:40 p.m., Jesse Auditorium.
 Dec. 8: Campus Columns Deadline

FILMS, EXHIBITS

Until Nov. 28: Art Collectors of Columbia exhibition at Fine Arts Gallery.
 Nov. 21: Astronomical Film of the Week: "Exploring the Milky Way", 7 p.m., Room 114 Physics.
 Until Jan. 10: Stanley Hall Gallery: "Computer Aided Graphics" by Richard Helmick.
 Nov. 21: MSA Movie: "The Parallax View", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75¢ at MUTW; \$1 at door.
 Nov. 22: MSA Movie: Bloome In Love", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75¢ at MUTW; \$1 at door.
 Nov. 23: MSA Movie: "Le Roucher", 7 & 9:30 p.m., Jesse Aud.
 Nov. 30-Dec. 19: Graduate Students of UMC Art Dept. exhibition at Fine Arts Gallery.
 Nov. 30: MSA Movie: "Golden Voyage of Sinbad", 7 & 9:30 p.m., Jesse Aud.
 Dec. 3: College of General Studies: Ascent of Man film, "Generation Upon Generation," 7:15 & 8:30 p.m., 204 GCB.
 Dec. 3: MSA Movie: "No Way To Treat A Lady" and "In the Heat of The Night", 7 & 9:30 p.m., Jesse Aud.
 Dec. 5: Astronomical Film of the Week: "Realm of the Galaxies", 7 p.m., Room 114 Physics.
 Dec. 5: MSA Movie: "The Longest Yard", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75¢ at MUTW; \$1 at door.

Dec. 6: MSA Movie: "The New Land", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75¢ at MUTW; \$1 at door.
 Dec. 7: MSA Movie: "And Now For Something Completely Different", 7 & 9:30 p.m., Jesse Aud.
 Dec. 10: College of General Studies: Ascent of Man film, "Long Childhood," 7:15 & 8:30 p.m., 204 GCB.
 Dec. 10: MSA Movie: "Animal Crackers", 7 & 9:30 p.m., Jesse Aud.

LECTURERS, SPEAKERS

Nov. 21: University Assembly Lecture: Michael H. Middleton, "Architectural Conservation", 7:30 p.m., Memorial Union Auditorium.
 Nov. 21: Dr. Richard Russell, of California Institute of Technology, "The genetics of sensory behavior in Nematodes", 3:40 p.m., 219 Curtis Hall.
 Nov. 24: Lunchbag seminar: "Family Support System", Speakers Gerry & Mary Jo Westwood, and Keith & Jeannie Jochim, noon, basement of Gentry Hall.
 Nov. 24: English Lecture Series: Michael Holroyd, eminent British biographer, "My Lives: the Autobiography of a Biographer," 8 p.m., Small Ballroom of the Memorial Union.
 Nov. 25: John Kultgen, professor of philosophy, "Objectivity and Consensus", 3:30 p.m., Room 326, GCB.
 Nov. 25: Department of Chemical Engineering Seminar Series: Charles Dunlap, "Production of Single Cell Protein from Cellulose", 3:30 p.m., Room 37J of the Engineering Bldg.
 Dec. 1: Energy Issues and Perspectives Seminar: Warren Glimpse, "Policy Formulation and Energy Management in the Private Sector", 3:40 p.m. in Room S8 of Memorial Union. Advanced registration required. Further information available by calling 882-8256.
 Dec. 2: Department of Chemical Engineering Seminar Series: John Thomson, "Sulphur Dioxide Treatment of Cellulose", 3:30 p.m., Room 37J of the Engineering Bldg.
 Dec. 2: The Graduate School and the Department of Psychology sponsor "Psychology and the Environment in the 1980's." Fifty-minute presentations will be given at 9:40 a.m., 10:40 a.m., 1:40 p.m., 2:40 p.m., and a panel discussion at 3:40 p.m. in the Memorial Student Union Aud. It is free and open to the public.
 Dec. 4: Lunchbag Seminar: "Your Body—Not Your Doctor's", Dr. William Trumbower, noon, Women's Center.
 Dec. 9: University Club Christmas program, noon, N201-202 Memorial Union.
 Dec. 10: Engineering Seminar: F. E. Wisely, "Refuse Combustion for Power Generation", 7:30 p.m., S-204 Memorial Union.

Ceremonies honor Peck Nov. 22

A special presentation and tribute to Dr. Raymond Peck, professor emeritus of geology and former University vice president for research, will be given by John Hall Dalton, president of the University Board of Curators, in ceremonies at 9:30 a.m., Saturday, Nov. 22 at the Dalton Research Center.

The program will be preceded by an open house on Friday (Nov. 21) for faculty, students and general public at which visitors may tour the Center's laboratories from 9 a.m. to 5 p.m. and observe research in progress.

The Center and the Graduate School are joining in the Peck tribute which will be made before invited guests in recognition of his 41 years of service to the University as scientist and administrator. In addition to Dalton, speakers will include Lloyd E. Berry, dean of the Graduate School and X. J. Musacchia, director of the Center.

Olen R. Brown, associate director, said that the open house and recognition ceremony may become an annual affair as a means of granting recognition for outstanding service to the University and to allow the general public to become acquainted with research at the Center.

The Dalton Center, a unit of the UMC Graduate School, supports faculty research in 12 fields of biology and bioengineering, and promotes graduate studies including interdisciplinary research.

Around Campus

Menotti Festival set for Main Stage

The Playhouse and the Conservatory will jointly stage three opera works in English by Gian-Carlo Menotti during a Menotti Festival of Opera at the University Playhouse 12/4-14. The program will feature "The Medium" and "The Telephone" in the same program at 8 p.m. 12/4, 6, 9, and 11, while "Amahl and the Night Visitors" will be 2 p.m. 12/6, 7, 13, and 14. "Medium" is a two-act story of an imposter medium who perpetrates fraudulent seances and then is confronted with the supernatural. "Telephone" is a light comedy about a young girl addicted to talking on the phone and her lover who attempts to propose between calls. "Amahl" is a yuletide favorite which tells of a crippled boy visited by the Three Wise Men and his touching gift to the Christ Child. Dr. Paul B. Sommers, Voice professor, is musical director of all three productions. Francis J. Cullinan, Theatre assistant professor, directs "Medium" and "Telephone" while J. Morton Walker, Theatre associate professor, directs "Amahl". For ticket information and reservations contact the Ticket Office at Ext. 2705.

Law plans minority recruitment program

The Law School will sponsor a Minority Recruitment Program 10 a.m.-noon 11/24. Gwendolyn M. Wells, Law professor, will moderate a panel of distinguished area legal professionals during the program in the Westport Room of the University Center. Panelists include the Hon. Lewis W. Clymer, Jackson County Circuit Court judge; the Hon. Harold L. Holliday, Sr., state representative; the Hon. Leonard S. Hughes, Jr., Magistrate judge; Melvin Jenkins, U.S. Commission on Civil Rights attorney; Cenobio Lozano, Jackson County Public Defenders office attorney; and Henri Watson, assistant prosecuting attorney.

Chamber Series begins tomorrow

The first of seven concerts in the Conservatory's Chamber Music Series will feature the Volker String Quartet tomorrow at 8:15 p.m. in the All Souls Unitarian Church, 4500 Warwick Blvd. The group is composed of Tiberius Klausner, violin, Merton Shatzkin, violin, Hugh Brown, viola, and Sebe Morgullis Revitt, cello, all outstanding musicians of the Conservatory faculty. Other presentations on the schedule are the Klausner-Kemner Violin-Piano duo, 12/13; Richard Cass, pianist, 2/7; The Volker String Quartet with Nancy Cochran, French horn, on 2/28; The Philidor Trio, 3/27; The American Brass Quintet, 4/10; and The Volker String Quartet with Richard Cass, 4/24. Subscribers to the series will have the bonus option of seeing the Jose Limon Dance Company on 2/21. The first 300 subscribers may purchase an \$8 ticket for only \$4.50. Subscription rates are \$15 for adults and \$10 for students. For information contact the Ticket Office, Ext. 2705.

WRS plans all-day women's workshop

An all-day Advance Assertive Training Workshop will be sponsored 12/6 by Continuing Education. The workshop, for those who have had basic assertive training, will focus on guilt reactions, confronting fear, structuring time and other concerns. Training will include lecture, discussion, role playing and behavior rehearsal. Sharon Helm and Ruth Margolin, Women's Resource Service coordinator, will serve as instructors. The registration fee is \$16. For information contact Continuing Education at Ext. 1463.

Calendar

- 11/21 University Hour, noon, Med
 11/21 Long Weekend, Crown Center
 11/21 "Boys in the Band," 8, HHA
 11/22 Volker String Quartet, 8:15, 4500 Warwick Blvd.
 11/23 "Boys in the Band," 8, HHA
 11/24 Law Minority program, 10-noon, Center
 11/25 Minority Reception, 11-1, Center
 11/25 UMKC vs. Mo. Valley, 7:30, Swinney
 11/28-29 Thanksgiving Holiday
 11/28-29 UMKC Booster Club Tourney, 7:30, Swinney
 11/30 RFK Symposia, F. Lee Bailey, 8, Pierson
 12/1 College Recital, 11, noon, Con
 12/1 Graduate Recital, 8:15, Con
 12/2 College Recital, 11, Con
 12/3 College Recital, 11, noon, Con
 12/3 UMKC Percussion Ensemble, 8:15, Pierson
 12/4 College Recital, noon, Con
 12/4 Chemistry Colloquium, 4, SCB
 12/4 Musical Arts Recital, 7:15, 8:15, Con
 12/4 "Medium," "Telephone," 8, Playhouse
 12/5 College Recital, 11, Con
 12/5 Early Music Consort, noon, Con

Celona is artist for music festival

The Conservatory's Student Association is presenting the first annual Contemporary Music Festival 12/1-14. John Anthony Celona, assistant to the director of the Center for Music Experimentation of the University of California-San Diego, will serve as Composer-in-Residence. He and his works will be featured in the special series of lectures and concerts. Activities will begin with a Swinging Choralliers Concert 8:15 p.m. 12/1 in Pierson Hall; the UMKC Percussion Ensemble, 8:15 p.m. 12/3 in Pierson; UMKC Accordion Orchestra 6 p.m. 12/5, Epperson House; and the University Singers, 8:15 p.m. 12/5 in Stover Auditorium.

K-Roos cage season features tourney

The UMKC Fighting Kangaroos will open the 1975-76 season at home and will be host to the first annual UMKC Booster Club Tournament. The first game will be 11/25 against Missouri Valley, then will swing into Tournament play on 11/28 and 29. Invitations to the tournament have been accepted by Ottawa, Westminster, and Lincoln. The K-Roos then will hit the road for a 12/2 match against Westminster. All games will be broadcast on KBEA radio, 14.80 on the AM dial. Home games will begin 7:30 p.m. in Swinney Gymnasium.

Jewish Survival is topic of speaker

Rev. John Grauel, a commander of the ship Exodus, will speak on campus at 8 p.m. 12/3. He will talk on "Jewish Survival" in the Westport Room in the University Center. The lecture is sponsored by the UMKC Jewish College Students and the UJA University Department. Tickets, 50 cents each for faculty and students, may be purchased at the door.

Promotional Opportunities

If you are interested in any of the positions listed, telephone the designated person at Ext. 1621.

Contact Jane Quigley:
 Academic Advisor
 Certified Dental Asst.
 Laboratory Asst.
 Secretary
 Receptionist
 Supervisor-Career Development

Contact Mike Sweaney:
 Boiler Fireman
 Mechanical Tradesman

School and Department Notes

Chemistry

The next lecture in the Chemistry Colloquium Series will be 12/4 on "Physical Chemistry of Drug Action," by Dr. Beverly Sandman, Pharmacy assistant professor.

Medicine

University Hour will present two programs of "The Ascent of Man" series noon-2 p.m. at the Medical School. Today's film and topic will be "Music of the Spheres" by Dr. Norman N. Royall, Jr., Mathematics professor, as speaker. On 11/21, the topic will be "The Grain in the Stone," with Dr. Burton L. Dunbar, Art associate professor, as speaker.

Intensive pulmonary care and infectious diseases are subjects for the Medical School's Long Weekend, today and tomorrow in Crown Center Hotel. Dr. L. A. Hollinger, UMKC Clinical associate professor, will lead the 11/21 session and Dr. V. F. Burry, Medicine associate professor, will head the 11/22 session. For more information call 471-3876.

Geosciences

The Geosciences Museum has received a gift of two large cycads, fossilized remains of large trees that grew during the mesozoic era about 150 million years ago. They are the gift of Dr. Richard L. Sutton, Jr., adjunct Geosciences professor, and Dwight L. Sullivan, owner of a drugstore chain in Longmont, Colo. They were transported to Kansas City by Kenneth R. Canfield, English lecturer.

UMKC

The UMKC Minority Forum will sponsor a reception 11/25 to allow minority students, faculty and staff an opportunity to meet one another. The reception will be 11 a.m.-1 p.m. in the Plaza Room of the University Center.

Nineteen administrative personnel from UMKC are serving on nine different functional committees evaluating non-academic staff in a 4-campus study underway by Robert H. Hayes and Associates, a Chicago-based personnel consulting firm.

The study is reviewing titles of positions, consistencies of the titles among the campuses and salary equality for the same positions throughout the University system. The committees, which are looking into job classifications, and the UMKC representatives include the following:

Agriculture and educational media—George Phillips, director of audiovisual and instructional education; computer and research—Charles Volk, assistant director of Campus Computing Center; fiscal—Paul Roberts, senior fiscal officer (budget), and Jane Peterson, assistant manager, payroll and staff budgeting; general administrative—Jack Brooks, associate director of admissions and registrar, and Stan Dalen, assistant business officer; health services—Joan Rice, senior docent team assistant, Larry Harkness, director of administration and Office of Medical Education, Fred Karn, senior fiscal officer, Pharmacy, and Mike Sweaney, senior personnel assistant; information/development/library—Don Brackhahn, director of Alumni relations and development, and Richard Wallin, assistant director of libraries.

Also auxiliary activities/police/purchasing—Harvey Cottle, director of University police, and Dale Waller, director of business services; physical plant—Bob Obenland, superintendent of physical plant, and Don Anderson, supervisor of building services; and student services—Weldon Jolly, coordinator of veteran affairs, Gary Widmar, dean of students, and Linda Moore, assistant director of the Counseling Center.

UMKC

Professional Activities

Honors

Dr. Marvin R. Query, Physics, has been elected a Fellow of the Society by the Board of Directors of the Optical Society of America at its 10/20 meeting.

Meetings

Dr. Marvin E. Revzin, Dentistry Dean, participated in a workshop on Dental Roles in Primary Health Care Delivery presented by the Health Resources Administration in Washington, D.C. 10/10... Dr. Jack L. Stewart, Dentistry assistant dean, served as a student table clinic judge for Research and Basic Science and hosted the alumni reception at the annual meeting of the American Dental Association in Chicago 10/26-30... Dr. Rene Ruiz, Psychology professor, attended the board meeting of the Committee on Equality of Opportunity in Psychology in Washington, D.C. 9/24... Dr. Phillip M. Jones, Dentistry, served on the Executive Council during a meeting of the American Prosthodontic Society in Chicago 10/23-25... Joseph Cozad, Conservatory, was a panel member of the American String Teacher's Association meeting in Cleveland 10/24... Margaret North and Richard Cass, Conservatory, adjudicated the Missouri Music Teachers Association Competition at Central Missouri State University in Warrensburg 10/26... Paul Hilpman, Raymond Covey, and Dr. Eldon Parizek, Geosciences, attended the annual meeting and field trip of the Association of Missouri Geologists in Warrensburg 9/26... Dr. Patricia Brodsky, Jennifer Liebnitz, and Hedy Reeds, Foreign Languages, attended the International Rilke Symposium at KU 10/9-11.

Publications

Dr. Herman Hattaway, History, has published reviews of Kohl and Litt, "Urban Guerilla Warfare in Latin America," in The Americas (July, 1975), and of Connely and Jones, "The Politics of Command," in Louisiana History (Summer, 1975).

So you think you're busy --!

Dr. Harry J. "Hank" Sauer, Jr., professor of mechanical and aerospace engineering, appears to be a tall, rather casual, slow-moving individual with a typical Northwest Missouri (St. Joseph) drawl. He drives back and forth to campus in an old blue car that needs a paint job. Students who need to talk with him can generally find him in his office on the first floor of the ME Building without having to stand around in the halls for too long a time.

Typical professor one might think. Well, maybe so. But, here is just an idea of how this typical professor gets involved.

First of all he carries a full teaching load. During his teaching career (since 1957) he has taught courses related to the energy conversion and conservation aspects of mechanical engineering. His students range from the high school level (summer programs) through graduate level (advanced energy conversion, advanced thermodynamics, heat transfer courses, etc.). This semester he is teaching all undergraduate level classes. There are 120 freshmen in Introduction to Mechanical Engineering (required of all ME majors); 27 in the course on heat transfer and 11 in the course on environmental control. (In ME, environmental control means heating, refrigeration and air conditioning.)

In conjunction with the introduction to ME course, he is adviser for 54 freshmen students.

Dr. Sauer is also directing a number of research projects. One is actually two projects that are closely related. They involve a study of waste energy recovery and system design. The research teams are looking for ways to recover the energy lost (heat) when the furnace or air conditioner is operating. They think this machinery might also be operated more efficiently if its elements were put together differently, so they are looking into the design elements at the same time.

Another research project is a highly complicated study of boiling heat transfer, involving components of refrigeration systems. He is also directing a team of students who are developing a way of simulating the elements of all types of energy systems on a computer. With certain information added to this computer, any energy system may be evaluated by the machine. This would save a lot of the time and energy it takes to test individual systems.

Another project has students placing instruments in typical residential buildings. When read periodically, these can give an accurate account of the energy requirements of that particular household. The group now has enough instruments for five houses and are using the homes of faculty members. In the near future they hope to expand the program to include several more residences; preferably non-faculty. Any non-faculty families interested in participating in this research may volunteer by calling Dr. Sauer. An accurate measurement of energy used may establish some standards and even lead the way to discovery of new conservation methods.

Dr. Sauer has also submitted a proposal to the National Science Foundation for funds to conduct his fifth summer undergraduate research program. This program supports a certain number of undergraduate students during the summer while they concentrate on energy research problems which they initiate, figure out how to solve and then write a report on the results. (Most students are not able to work on a complete research project until they enroll in graduate school.)

Professional organization activity accounts for further involvement by Dr. Sauer. He is a member of four national committees of the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and chairman of two of them. He is also a member of two ASHRAE St. Louis section committees. In the national Society of



In his laboratory, Dr. Sauer contemplates ways to redesign elements of a refrigeration unit in order to improve the efficiency.

Automotive Engineers (SAE) he is a member of two activity groups (SAE's term for committees) and is secretary of the St. Louis section of that organization. He is also on two national committees of the American Society of Mechanical Engineers.

He is chairman of the engineering section of the Missouri Academy of Science which will hold its annual meeting on the UMR campus next April. And he is a member of the Building Technology Advisory Committee of the Missouri Energy Agency. Plans are in the mill for this latter group to begin recommending legislation delineating energy requirements for new buildings in Missouri and making recommendations, on request, on energy conservation to owners of older buildings. He is also faculty adviser for students affiliated with ASHRAE and a member of the research advisory board for UMR's Engineering Research Laboratory.

With all his many activities, Dr. Sauer is quick to point out that teaching is his main interest. "Engineering is both art and science," he says. "The science can be taught, but the art must be learned. An interest in the subject and a desire to learn more must be generated in the students. This aspect of being a 'professor' is what I find the most challenging, most difficult, most time-consuming, most frustrating, but--the most worthwhile, most enjoyable and most satisfying.

"All the other activities are mainly useful tools to keep abreast of developments in the field," he continues. "And they are not an individual effort but the result of teamwork with students and other faculty."

If all this weren't enough to keep a man busy, Dr. Sauer and his wife, Pat, are the parents of nine children. John, 18, is a freshman at Josephinum Seminary College in Columbus, Ohio. Elizabeth and Carl are students at Rolla High School and Robert, 8th grade, Kathy, Debbie, Vicki, and Valerie, 1st grade, attend St. Pat's parochial school. Only Joe, 4, is still at home all day.

The family lives in what started out to be a four-bedroom home and is now a five-bedroom home in College Hills. "There's never enough room when there are 11 in the

family," he says.

Last summer, everyone was healthy (usually, at least one kid is sick according to father) so they all loaded into the station wagon and took their first real family vacation. They spent two weeks visiting Boston, Philadelphia, Washington, D.C., and points in between.

Just to round out a busy career, Dr. Sauer is a member of the Rolla Optimist Club, the Parish Council of St. Pat's Church and helps run the scoreboard at UMR football games. Photography is a personal hobby.

Incidentally, that old blue car he drives to work just happens to be a classic 1948 DeSoto in mint condition except for the paint job. Just goes to show you. Some mechanical engineers also spend some time being good mechanics.

Chemistry seminar

Dr. Gary Long, associate professor of chemistry, will conduct a seminar Monday, Nov. 24, 4:30 p.m., Chemistry-Chemical Engineering 125, on "Magnetic Interactions in One-Dimensional Systems." Coffee will be served at 4 p.m.

Agenda deadline-- general faculty meeting

Items for the agenda of the next General Faculty meeting (Dec. 9) are due Monday, Dec. 1. Please send to Professor Ralph Schowalter, Mechanical Engineering 203.

Rolla

Calendar

November

21--Basic supervision courses, "Counseling Practice," 10 a.m. and 1 p.m., University Center 213

--Openhouse, 7 to 9 p.m., UMR Observatory

24--Basic supervision courses, "Interviewing the Potential Employee," 10 a.m., "Policy and Procedures," 11 a.m., "Management Guidelines," 1 p.m., "Summary," 2 p.m., University Center 213

--Chemistry seminar, Dr. Gary Long, 4:30 p.m., Chemistry-Chemical Engineering 125

25--Ascent of Man film series, "Knowledge or Certainty," 12:30 p.m., Humanities-Social Sciences G-5

26--Thanksgiving vacation begins for students, 7:30 a.m.

27-28--Official University holidays

December

1--Thanksgiving vacation ends, 7:30 a.m.

--Deadline for agenda items for General Faculty meeting, Prof. Ralph Schowalter, Mechanical Engineering 203



"This is a drive to save lives, all you donate is 5 minutes," reads an advertisement in Time magazine. The advertisement encouraging St. Louisans to "Give A Gift Of Life" resulted from the findings of a recent survey conducted by Dr. Dik Twedt, professor of marketing at UMSL.

Early in 1974 the Board of Directors of the Kidney Foundation of Eastern Missouri and Metro East decided there was a need for a study of attitudes about organ donation in the St. Louis area. A formal proposal was prepared by volunteer workers, and the proposal was approved in September 1974 by the Bi-State Regional Medical Program (Project #65). It was then that Dr. Twedt was retained as a consultant.

This was not a new experience for Dr. Twedt. He has held executive positions with leading advertising agencies handling the accounts of Colgate-Palmolive, Dr. Pepper, Gulf Oil, and Quaker Oats, and just before joining the UMSL faculty he served as a full-time expert consultant for the United States Postal Service.

His credentials for such an assignment are impressive. Dr. Twedt holds a B.A. in journalism, a master's degree in advertising and business management and a Ph.D. in psychology. His professional interests and publications are in the areas of marketing research and analysis, determination of public opinion, advertising strategy and research marketing experimentation. All of which would be beneficial in the study the kidney foundation wanted him to begin.

"The study was done under a grant supported by the Division of Regional Medical Programs as an assessment of public and professional attitudes regarding organ donation," says Twedt. "It is a fairly common marketing problem to find out which people are motivated, how they are motivated or what they will buy; or in this instance what things are important to them before they are willing to make the decision to become an organ donor. So the problem of running an effective consumer survey is one we in marketing are reasonably familiar with."

At the time Dr. Twedt began field work for this study, a bill was pending in the Missouri General Assembly which provided for a statement on the back of drivers licenses to be signed in the presence of two witnesses and permitting the gift of specified organs upon death. This bill was enacted into law in June 1975. Effective Sept. 28, all new Missouri drivers licenses now have such a statement. By administrative decision, the Missouri Department of Revenue also added two more elements to the drivers license form for optional completion: blood type of license holder and Med-Alert information.

I HEREBY MAKE AN ANATOMICAL GIFT TO TAKE EFFECT UPON MY DEATH. I GIVE:

ANY ORGAN SPECIFICALLY

DATE:	
SIGNATURE OF DONOR:	
WITNESS:	
WITNESS:	
MEDICAL ALERT:	BLOOD TYPE:

THIS GIFT IS INVALID UPON EXPIRATION, CANCELLATION, REVOCATION, OR SUSPENSION OF THE LICENSE AND THE GIFT MUST BE RENEWED WHEN THE LICENSE IS RENEWED OR RE-INSTATED.

Organ Donation and Med Alert form which now appears on the back of Mo. drivers licenses



Kidney patients can spend five or more years in dialysis waiting, because compatible donors are few and rare. In too many cases, the machine outlives the patient

"We recognized there was both an opportunity and a need to communicate to the citizens of Missouri why this change in their driver's license had occurred," explains Dr. Twedt. A visible campaign, an ad appearing in Time magazine, a form on the back of the driver's license, (if you choose to sign), gives everyone a chance to donate. Or in case of an automobile accident or an extreme emergency, the medical team knows where to find that card.

"Although the general idea of organ transplantation is familiar to the vast majority of St. Louisans, there is an obvious need to create greater awareness of the why and how of organ donation. Too few persons realize that their kidneys can serve others after their own death--and fewer still know how to take the necessary steps to make their organs available after death.

One of the things the survey did point out is that there's no great amount of negativity toward donating kidneys. It wasn't a controversial issue, such as abortion, where some people feel very strongly. In the case of organ donation most persons just haven't thought about it; and there were more persons by far who thought it was a good idea."

"The central theme of those who decided to donate their kidneys is if it will help someone live longer and I have no further need for it, there is simply no good reason not to give. Denying help to someone else in great need, particularly when the gift is no longer of use to the giver is inconsistent with one's preferred self-image," Dr. Twedt explains.

In determining which of several different ways of appealing to the public would be most convincing, Dr. Twedt's survey included six different promotional themes. Of the six themes tested, the strongest two were "Give the Gift Of Life" and "Someday A Stranger Could Save Your Life." The two themes receiving the most negative response were "Not All Of You Has To Die!" and "Transplant Kidneys--Don't Bury Them."

Dr. Twedt utilizes his knowledge of consumer psychology to explain the public's rationale in choosing their favorite and least favorite campaign themes:

"In planning themes and creative executions of specific programs for the recommended public education, it is quite apparent that it is much more effective to appeal to a sense of pure altruism (Give The Gift Of Life) or even enlightened self-interest (Someday A Stranger May Save Your Life) than to chide (Transplant Kidneys--Don't Bury Them!) or to exhort (Not all of You Has To Die).

Dr. Twedt's study revealed that one of the major obstacles to increased organ donation is that most people have no idea how to go about donating. Nor do physicians have a uniform or established awareness of what to do if they know a potential organ donor.

"When interviewing in the St. Louis metro area, I asked physicians the question, 'If you had a patient who was a potential kidney donor, whom would you contact?' Twenty-six physicians gave 11 different sources. All 11 were correct answers in that you could go to that source, but there was no major focus.

"This suggested an answer might lie in the establishment of a well-publicized national registry which would maintain instant access to a computerized data bank on organ needs to be matched on the basis of tissue typing, geographic location of donor, transportation schedules, and proximity to surgical teams. This isn't a new idea. Some European

countries already have local and regional medical networks that contain some of these elements.

"We have outcome registries in the U.S. for historical and research purposes. They help keep track of transplants that have been made, which can produce statistics on how long, what the likelihood of success of an adult transplant into children is and vice versa. It's a very useful and valuable thing; but it is not a distribution facility which would cut down on time between availability of organ and actual transplantation.

"Generally speaking the upper limit is about 48 hours between the time the organ is transplanted into the recipient. If you go much beyond the 48 hours, the less chance of a success."

Dr. Twedt emphasizes that the kidneys will not be taken from a donor until and unless there is place for them to go. There is a 90 per cent chance the kidney will be doing the job five years later, if the donated kidney comes from the mother father or sibling. However if the kidney comes from a cadaver donor the chances are not as good, about 50 per cent chance.

"A 50 per cent chance is a lot better than to continue on dialysis, plus the fact if your donor kidneys fail, that doesn't permit you from trying again," explains Dr. Twedt.

"The only person that can meaningfully talk about dialysis is someone who has had it. It is my impression from knowing several persons that were in dialysis is that it is a living hell," says Dr. Twedt. "It's preferable only to death, though not to everyone. But it is a very depressing thing to have happen. You don't live normally, and you're bound to the machine.

"There are two alternatives to dialysis for a person with kidney disease - transplantation or death. Since there are not enough organs to go around for transplantation, rather than let people die, the U.S. government now picks up the cost."

According to the Kidney Foundation there is a tremendous shortage of kidneys for transplantation in the United States; consequently thousands of men, women and children are forced to spend 18 hours or more every week attached to kidney machines. A Medicare program was established in 1973 to bear the high cost of artificial kidney machine treatments. When Congress created the program two years ago it was estimated that the cost this fiscal year would be \$198,000,000, but expenditure projections now call for \$300,000,000. Cost are expected to exceed a billion dollars a year by the mid-1980s.

When deciding if you want to "Give A Gift Of Life", it may be worth remembering that you have two kidneys, meaning you can alleviate the sufferings of two persons and the tax burden of millions



Dr. Dik Warren Twedt

Saint Louis

UMSL choruses perform two concerts

UMSL's Missouri Singers and the University Chorus, under the direction of Ronald Arnatt, will appear in two performances within the next two weeks.

Sunday, Nov. 23, the choruses present their annual Christmas concert. The concert, which begins at 8 p.m. in the J. C. Penney Auditorium, is free and open to the public.

The Missouri Singers will perform a contemporary Christmas composition, "The Miracle of Christmas," by Ned Rorem and shorter works by organists/composers Richard Dering and Diderik Buxtehude. The University Chorus will sing five choruses from "Handel's Messiah" to complete the program. (Note the Christmas program has been changed slightly from previously published announcements.)

The UMSL choruses appear with the St. Louis Symphony Orchestra Thursday, Dec. 4, and Saturday, Dec. 6, in Sir Michael Tippett's "A Child of Our Times."

The three-part composition for orchestra and chorus makes prominent use of American Negro spiritual music and styles. Tippett's work is dedicated to all individuals, minorities, classes or races who feel outside the ruling conventions.

Walter Susskind will conduct the Symphony. Both performances are at 8:30 p.m. in Powell Symphony Hall. For ticket information call the Powell Hall box office at 534-1700.