

## Retirement fund report

The performance of UM's retirement fund is examined in a new publication entitled "Supplement to the Financial Report for the Fiscal Year 1973-74." Copies are available on each campus at the Office of Public Information,

the library, the staff benefits office and the business office.

A summary of the report appeared in the Jan. 17 issue of *Spectrum*, and reprints were mailed to campus addresses.



## New techniques transform 'problem child'

Nine-year-old Tamara and 10-year-old James, side by side at a small table, are engrossed in completing a jigsaw puzzle. To a classroom visitor they look like typical fourth-graders finishing a class project.

But, says their teacher, only a month ago Tamara ran around the room almost continually, spat at everyone and refused to sit down. James would do nothing except watch television all day and scream frantically if someone tried to turn it off. Neither child possessed regular speech patterns and often wouldn't talk at all.

"But now James watches only one program and turns it off himself in time for afternoon class," says Mrs. Debra Sears, who trains teachers of severe behavior disordered children at the Herbert Wheeler State School for the handicapped in St. Louis, "and Tamara now will sit down and attempt to do work."

**Results like these** are common in the new training program financed by the Missouri Department of Elementary and Secondary Education and directed by Dr. George Yard, assistant professor of education at UMSL. Dr. Yard, who has been involved with the problems of the behavior disordered child since 1967, received the \$28,615 grant last December and initiated the training program about a month ago.

He and Mrs. Sears, who holds a master's degree from UMSL, have established a Special Project Center at the Herbert Wheeler school. They have been working with several teachers in St. Louis and one from Springfield, and they hope to work with several in Kansas City, so that their training techniques may be applied throughout the state.

"The teaching of the severe behavior disordered child is an area that has not been dealt with by the public schools," Dr. Yard says. "But because of House bill 474 (passed two years ago), public schools in Missouri were mandated to provide education for all handicapped children in the state of Missouri—all the way from the mildly handicapped to the severely handicapped."

Prior to the legislation, Dr. Yard says, educable children often stayed home or were sent to state hospitals and institutions.

Since the bill was passed, public schools

have been required to identify and educate the handicapped in their districts. Many schools have neither the staff nor facilities necessary in the education of certain types of handicapped children, so they have been allowed to seek help from private agencies.

Dr. Yard maintains that any child, no matter what the physical or mental disability, can be trained and perhaps function independently in society.

**Dr. Yard**, who has held positions at Woodhaven Christian Home in Columbia and St. Louis State Hospital, became interested in children with severe behavior disorders several years ago. "I felt that this population of children can benefit from education in the public schools," he says.

Dr. Yard and Mrs. Sears are working with about 15 children, ages 5 to 12. In a typical session, Mrs. Sears remains outside the classroom and uses sound equipment to give instructions to the teachers and aides as they conduct class. The two classrooms are equipped with two-way mirrors and the children don't know they're being observed.

The children have all made considerable progress in the few weeks of training, Mrs. Sears says. Most of them are able to concentrate on activities, which usually run about five minutes each, and many are learning that disruptive behavior does not produce the same results it used to.

"These children are not classified as brain-damaged and there's no physical reason why they're not learning," Mrs. Sears explains. "They often sit by themselves and if you touch them they withdraw. They don't give you any eye contact and often have delayed speech or no speech at all; screaming and tantrum-throwing are other characteristics."

**The theory** behind the Yard-Sears training sessions is that if inappropriate behavior is ignored, negatives are avoided and children are constantly given positive reinforcement, behavior patterns will change and improve.

"Instead of saying 'Don't hit me,' we say 'We keep our hands to ourselves,'" Mrs. Sears explains. "When a child has been screaming and is now quiet I say 'That's good being quiet,' and give him some sort of physical reinforcement, ruffle his hair or hold his hand. Our philosophy is that we are going to love each child and talk to him whether he likes it or not."

Mrs. Sears described an incident when a little girl hit her several times. "I sat still until she quit and I said, 'That's good sitting still,' and now she sits all the time."

The children are encouraged, but not forced, to participate in all activities. They learn that if they do work, a pleasant or fun experience will usually follow. Teachers frequently tell them, "Those people who work will get milk and crackers," or "Those people who sit down will get to play with puppets."

**Since there** is no physical reason for these children's behavior disorders, it is often difficult to understand how their bizarre behavior patterns are formed. "Some people say it's caused by an organic or chemical imbalance," Mrs. Sears says, "but they used to say it was the parents' fault. Parents can perpetuate and unknowingly encourage these behaviors, but there is no acknowledged theory as to why severe behavior disorders occur."

Dr. Yard says that many of the children, since they can't communicate or make their wishes known, express their emotions through physical action, such as screaming, throwing things or twirling their hands. "It's a reaction to feeling stifled," he says.

"Five years ago Tamara and James probably would have sat in a corner of an institution for the rest of their lives," says Dr. Yard. "But now they have the possibility of sheltered workshops, group homes, learning basic skills and becoming functional members of society. But without this training program and the concern and help of the Department of Education, it couldn't have happened."

—Vicki P. Liberman



"Our philosophy," says Mrs. Debra Sears (top), "is that we are going to love each child and talk to him whether he likes it or not." Techniques based on this philosophy are helping severe behavior disordered children in a new program directed by Dr. George Yard (bottom), assistant professor of education, UMSL.

## Briefly

### Disability program enrollment

A special five-week open-enrollment period will begin March 31 to allow enrollment of full-time University employees not now participating in the long-term disability program.

The open period, which will extend through May 2, will allow employees to enroll without having to provide proof of good health.

Employees not now enrolled will receive a letter telling them of campus meetings to be held regarding the open-enrollment period. University representatives will be present to explain the program. Administrators and supervisors are being asked to arrange work schedules so that employees may attend a meeting.

### Army education program

A new educational program set up by the Army will enable GI's to earn up to two years of college credit during a three-year enlistment.

The program, Army Help for Education and Development, will be conducted in cooperation with more than 800 colleges and universities. According to Dr. A. G. Unklesbay, vice president for administration, UM officials are considering participating.

### Copyright ruling stands

A tie vote by the Supreme Court has in effect upheld a lower-court ruling which allowed reproduction of copyrighted material without compensation to the publisher.

The Williams & Wilkins Co., a publisher of small-circulation medical

and scientific journals, originally brought the suit in 1968, charging that the National Library of Medicine and the National Institutes of Health library had infringed its copyrights by unauthorized photocopying of eight articles. A commissioner of

the Court of Claims ruled in the company's favor in 1972, but the full U.S. Court of Claims overturned that decision in 1973 on the grounds that the company had failed to prove it had suffered financial loss as a result of the copying.

### Award to KBIA

UMC's FM radio station, KBIA, has received a citation of excellence from the Institute for Education by Radio-Television of Ohio State University.

The award is for an investigative series entitled "The Meat Squeeze."

## Alumni ranking

UM ranks fifth in the U.S. in number of alumni, according to information from HEW and the Council for Financial Aid to Education.

The top 10:

Univ. of Mich., Ann Arbor (286,305); Univ. of

Calif., Berkeley (210,000); Univ. of Illinois (210,000); Ohio State Univ. (172,400); Univ. of Missouri (169,230); Harvard Univ. (168,025); New York Univ. (165,000); Univ. of Wisc., Madison (156,943); Univ. of Utah (151,386); Univ. of Pa. (146,490).

## New committee investigating library crisis

*The world of books and libraries was once thrown into an uproar by a new technological device which, it was feared, threatened the very existence and future of all libraries. Jobs would be lost, confusion created and quiet serenity turned to noisy disaster.*

*The device was the typewriter.*

Coping with technological change in libraries is no less fearsome now than ever, and UM is right in the middle of facing up to problems in its own library system.

Faculty representatives from each of the four campuses have been added to the Library Directors' Committee studying major improvements for the UM library system. The expanded committee—now known as the UM Committee on Library Resources—met March 5 for the first time.

Because the committee has been broadened to include faculty representatives, recommendations which the precursor group had been preparing for the Board of Curators have been delayed. Faculty representatives will be integrated into the group and will participate in the preparation of a final set of recommendations which will go to the president and to the board.

**The group's pro tem chairman, Dr. Ardath Emmons, research vice president, said the first meeting was intended to bring the new members of the group up to date on information-gathering by the library directors' committee and on the sort of problems that would need solution. At the next meeting, set for April 9 in Columbia, the group will organize into subgroups to approach the problems, propose solutions and to formulate a timetable to accompany recommendations.**

President Ratchford told the group at the opening of the session that UM should play a leadership role in library development in Missouri, and pointed out that the Board of Curators and the legislature are on record indicating an interest in improvements and increased efficiency. A subcommittee of the House Appropriations Committee has already suggested there should be consideration of a single library system for all members of the state college and university system, Dr. Ratchford said. For all these reasons, he said, the more communication about the library committee's deliberations, the healthier the effect upon the University.

The group reviewed the preliminary report to the curators, submitted in March 1974, which advocated an automated library management system for UM, a central lending facility for little-used books and a long-range plan for library development. The second item in the plan has created the most controversy since March. The committee discussed the fact that some 80,000 books are in storage on the Columbia campus with space very tight in the law, engineering and medical libraries. Dr. Emmons reviewed faculty concerns expressed to him over the past months, particularly those relating to the central lending facility. Recommendations on size, location, cost to maintain and operate, browsability, criteria for thinning and the problems of retaining availability of materials will be made by the expanded committee.

**A discussion of ever-increasing budget problems raised the specter of library space becoming less of a problem if funds are not available to purchase books and serials. The consensus was that UM's library**

system will maintain a strong priority position since, in one member's words, "an academic library can't be sacrificed to budget problems."

Two library automation systems, BIBNET and OCLC, seem to be the likeliest candidates for UM adoption. The systems make massive bibliographic data bases available via computer and communications networks to libraries over wide geographic areas. The former is a for-profit system, while the latter is not. The functions, costs and number of libraries using each were reviewed. Some relative problems with them: BIBNET'S data base is not so complete as OCLC's, although there is some overlap in each. The latter is less usable by the layperson, yet it is also less expensive and has numerous enthusiastic users. BIBNET is currently used only by the State of New Mexico.

An automated library management system, it was emphasized, cannot be expected to reduce substantially a library's budget. But because it performs functions more quickly with less human intervention, it frees staff to catch up with a backlog of unprocessed books and to provide better service to patrons in a variety of other ways.

Currently UMC's Ellis Library is spending about \$120,000 for its automated acquisition, card cataloging and circulation control. Each is a package operating independently. The evolution of automation in Ellis Library has been complicated by repeated conversions of established systems to new computers. Some aspects of the acquisitions and card cataloging procedures need further changes.

**Automated card cataloging allows a set of cards on a new item to be microfilmed directly from the computer and copies sent to each of the other campuses.**

Several studies of UM's library system have been carried out in the last few years. Copies of reports generated by these studies were given to committee members. A set has also been mailed to each campus library director for review by interested persons. They include:

- Number of Books Not Immediately Available for Use;
- December 1974 Library Automation Conference at UM;
- Summary of Information on Some Library Storage Facilities;
- Technique for Evaluating Library System Effectiveness;
- Cooperative Library Automation, Summer 1974 Report;
- Synopsis on BIBNET Automation System.

In addition, a new reference service will soon be available to faculty on all campuses. The University of Georgia has a data base search service, and UM has made arrangements for its reference librarians to be trained to use the service, which retrieves bibliographic citations in various disciplines. (Further details will be found in an upcoming issue of *Spectrum*.)

Faculty are urged to visit with their library representatives to express opinions or to seek further information.

### Committee on Library Resources

- UMC—Dwight Tuckwood, William M. Jones, Owen Koeppel and John Murdock.
- UMKC—Kenneth LaBudde, Ross A. Shepherd, Wesley J. Dale and Thomas E. Miller.
- UMSL—Richard Miller, E. Terrance Jones, Everett Walters and Muriel Pumphrey.
- UMR—Earl J. Randolph, Michael D. Patrick, James C. Pogue and Gary K. Patterson.

### Dr. Grobman prepared for challenge

For Dr. Arnold B. Grobman, UMSL's new chancellor, the problems of an urban university are familiar ones.

As vice chancellor for academic affairs and special assistant to the president at the University of Illinois-Chicago Circle,

Dr. Grobman became well acquainted with the higher-education problems of a metropolitan area. The Chicago Circle campus is very similar to UMSL, he observed recently, and its problems, though greater, are in essence similar to UMSL's.

"Both campuses represent efforts on the part of the major state university to provide quality public higher education in the largest urban area of the respective states," Dr. Grobman said. "There is a good deal of comparability in the mission of both

institutions."

Dr. Grobman, whose appointment will be effective April 1, said one of the major missions of an urban university should be to provide a quality liberal arts and preprofessional education. "Commuting students deserve just as

## Student privacy:

Guidelines for handling student records in accordance with the provisions of the Family Educational Rights and Privacy Act of 1974 have been approved by the Board of Curators.

The guidelines appear on the facing page, except for the statement of purpose and the section on definitions, which follow:

### Purpose (6.0401).

The purpose of this regulation is to set forth the guidelines governing the protection of the privacy of student records and to implement The Family Educational Rights and Privacy Act of 1974. (Buckley Amendment; Pub. L. 93-380, as amended.)

### Definitions (.0402).

"Directory Information/Public Information" means a student's name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received and the most recent previous educational agency or institution attended by the student (.0402.01).

"Eligible Student" means a student who is attending the University of Missouri (.0402.02).

"Education Records" are those records, files, documents and other materials which contain information directly related to a student and are maintained by the University. "Education Records" do not include (.0402.03):

Records of instructional, supervisory and administrative personnel and educational personnel ancillary thereto which are in the sole possession of the maker thereof and which are not accessible or revealed to any other person except a substitute (.0402.0301).

The records and documents of the University of Missouri Police Department that are maintained solely for law enforcement purposes and are not available to persons other than law enforcement officials of the same jurisdiction (.0402.0302).

In the case of persons who are employed by the University but who

are not in attendance at the University, records made and maintained in the normal course of business which relate exclusively to such person and that person's capacity as an employee where the records are not available for any other purpose. (.0402.0303).

All records on any University student which are created and maintained by a physician, psychiatrist, psychologist or other recognized professional or para-professional acting in his professional or para-professional capacity, or assisting in that capacity, and which are created, maintained or used only in connection with the provision of treatment to the student, and are not available to anyone other than persons providing such treatment, provided, however, that such records can be personally reviewed by a physician or other appropriate professional of the student's choice (.0402.0304).

"Parent" means a natural parent, an adoptive parent or the legal guardian of the student (.0402.04).

"Party" means an individual, agency or organization (.0402.05).

"Personally Identifiable" means that the data or information includes the name of a student, the student's parent or other family member, the address of the student, a personal identifier such as the student's Social Security number or student number, a list of personal characteristics which would make it possible to identify the student with reasonable certainty, or other information which would make it possible to identify the student with reasonable certainty (.0402.06).

"Record" means information or data recorded in any medium, including, but not limited to, handwriting, print, tapes, film, microfilm and microfiche (.0402.07).

"Student" means any person who is attending or has attended the University where the University maintains education records or personally identifiable information on such person. However, the term does not include a person who has not been in attendance at the University of Missouri (.0402.08).

# University adopts policy on 'education records'

## Notification by the University (6.0403).

The University shall inform its eligible students, annually, by including in each campus information manual, or other publication reasonably calculated to give actual notice of the following:

- The types of education records and information currently maintained by the University (.0403.01).
- The name and position of the official currently responsible for the maintenance of each type of record, the persons who have access to those records and the purpose for which they have access (.0403.02).
- The current University policy for reviewing and expunging education records (.0403.03).
- The current University procedure established for providing student access to education records (.0403.04).
- The University procedure for requesting a hearing to challenge the content of education records (.0403.05).
- The cost which will be charged to the student for reproducing copies of the education record (.0403.06).
- The categories of information which the University had designated as directory information/public information (.0403.07).

The University shall not require eligible students to waive their right to access to their education records, however, a student or person applying for admission may waive his or her right to access to confidential statements on admission, employment or honorary recognition by complying with the procedures set forth in paragraph 6 except that such waiver shall apply to recommendations only if the student is, upon request, notified of the names of all persons making confidential recommendations and such recommendations are used solely for the purpose for which they were specifically intended. Waivers will not be required as a condition for admission, receipt of financial aid or receipt of any other services or benefits offered by the University (.0404).

The University shall provide students who are or have been in attendance at the University access to their educational records except as provided in 6.0406 (.0405).

## Limitations on Access (.0406).

The University will not make available to students the following materials:

- Financial records of the parents of students or any information contained therein (.0406.01).
- Confidential letters and statements of recommendation which were placed in the education records prior to January 1, 1975, if such letters or statements are not used for the purpose other than those for which they were specifically intended (.0406.02).

- Confidential recommendations respecting admission to the University, application for employment and receipt of an honor or honorary recognition, where the student has signed a waiver of the student's rights of access as provided in 6.0404 (.0406.03).

## Access Rights (.0407).

The right to access as specified in 6.0405 shall include:

- The right to be provided a list of the types of education records which are maintained by the institution and are directly related to students (.0407.01).
  - The right to inspect and review the content of those records (.0407.02).
  - The right to obtain copies of those records which may be at the expense of the student but not to exceed the actual cost of reproduction (.0407.03).
  - The right to a response to reasonable requests for explanations and interpretations of the education records (.0407.04).
  - The right to an opportunity for a hearing to challenge the content of those records (.0407.05).
- If any material or document in the

education record of a student includes information on more than one student, the right to inspect and review only such part of such material or document as relates to such student or to be informed of the specific information contained in such part of such material (.0407.06).

## Destruction of Records (.0408).

The University may destroy any records if not otherwise precluded by law, provided, that if a student has requested access to such records prior to the University making its decision to destroy the record, the student shall be provided a copy of such record prior to their destruction.

Students who are or have been in attendance at a University may have an opportunity for a hearing to challenge the content of such student's education records in order to insure that the records are not inaccurate, misleading or otherwise in violation of the privacy or other rights of such student, and to provide an opportunity for the correction or deletion of any such inaccurate, misleading or otherwise inappropriate data contained therein and to insert into such records a written explanation respecting the content of such records (.0409).

## Informal Proceedings (.0410).

The University official charged with custody of the records will attempt to settle informally any disputes with any student regarding the content of the University's educational records through informal meetings and discussions with the student.

## Formal Proceedings (.0411).

Upon the request of the University official charged with custody of the records or the student the hearing required by 6.0409 shall be conducted.

The request for a hearing shall be submitted in writing to the campus chancellor who will appoint a hearing officer or a hearing committee to conduct the hearing (.0411.01).

The hearing shall be conducted and decided within a reasonable period of time following the request for the hearing. The parties shall be entitled to 10 days prior written notice of the time and place of the hearing (.0411.02).

The hearing shall be conducted and the decision rendered by an appointed hearing official or officials who shall not have a direct interest in the outcome of the hearing (.0411.03).

The student shall be afforded a full and fair opportunity to present evidence relevant to the hearing (.0411.04).

The decision shall be rendered in writing within a reasonable period of time after the conclusion of the hearing (.0411.05).

Either party may appeal the decision of the hearing official or officials to the campus chancellor. Appeal from the chancellor's decision is to the president. Appeal from the president is to the Board of Curators (.0411.06).

## Consent (.0412).

The University shall not permit access to or the release of education records or personally identifiable information contained therein (other than directory information/public information) without the written consent of the student, to any party other than the following:

- Other school officials, including teachers within the educational institution or local educational agency who have been determined by such agency or institution to have legitimate educational interests (.0412.01).
- Officials of other schools or school systems in which the student seeks or intends to enroll, upon condition that the student is notified of the transfer, receives a copy of the record if requested and has an opportunity for a hearing to challenge the content of the record (.0412.02).
- The Comptroller General of the United States, the Secretary of Health, Education and Welfare, the Commissioner, the Director of the National Institute of Education or the Assistant Secretary for Education (.0412.03).

- In connection with a student's application for, or receipt of, financial aid (.0412.04).
- State and local officials or authorities to which such information is specifically required to be reported or disclosed pursuant to a state statute adopted prior to November 19, 1974 (.0412.05).
- Organizations conducting studies for, or on behalf of, educational agencies or institutions for the purpose of developing, validating or administering predictive tests, administering student aid programs and improving instruction, if such studies are conducted in such a manner as will not permit the personal identification of students and their parents by persons other than representatives of such organizations and such information will be destroyed when no longer needed for the purpose for which the study is conducted (.0412.06).

- Accrediting organizations in order to carry out their accrediting functions (.0412.07).
- Parents of a dependent student of such parents, as defined in Section 152 of the Internal Revenue Code of 1954 (.0412.08).

- In compliance with the judicial order, or pursuant to any lawfully issued subpoena, upon condition that the student is notified of all such orders or subpoenas in advance of the compliance therewith by the University (.0412.09).

## Content of Consent (.0413).

Where the consent of an eligible student is required for the release of education records, it shall be in writing, be signed and dated by the student and shall include (a) a specification of the records to be released, (b) the reason for such release, (c) the names of the parties to whom such records will be released, (d) a copy of the records released shall be provided to the student on the student's request.

## Release of information for health or safety emergencies (.0414).

The University may release information from the education records to appropriate persons in connection with an emergency if the knowledge of such information is necessary to protect the health or safety of a student or other persons. The factors which will be taken into account in determining whether the records may be released under this section include the following:

- The seriousness of the threat to the health or safety of the student or other persons (.0414.01);
- The need for such records to meet the emergency (.0414.02);
- Whether the persons to whom such records are released are in a position to deal with the emergency (.0414.03);
- The extent to which time is of the essence in dealing with the emergency (.0414.04).

## Record of Access (.0415).

The University shall maintain a record kept with the education records of each student, which will indicate all parties except University officials who have requested or obtained access to a student's education records maintained by the University and such record will indicate specifically the legitimate interest that each party has in obtaining the information.

This record of access shall be available only to the student, to the school official and his or her assistant who are responsible for the custody of the records and to University officials who have a legitimate educational interest and to those charged with responsibility of auditing the operation of the system.

## Transfer of Information by Third Parties (.0416).

The University should not release personal information on a student except on condition that the party to which such information is being transferred will not permit any other party to have access to such information without the written consent of the student. The University shall include, with any information released to a third party, a written statement which informs such party of the requirement that it may not be released without the written consent of the student.

## Vacancies

The following professional and administrative vacancies were listed as of March 11:

UMSL—Manager (bookstore); library assistant II.  
UMKC—Consumer education adviser.  
UMR—None.

UMC—Personnel officer; director of management services.  
MEDICAL CENTER, COLUMBIA—Sr. administrative associate; manager, safety and security; head nurse; staff nurse (8); staff nurse II (4).  
In addition, the

University of Mid-America, of which UM is a part, is seeking applicants for the following positions:

Assistant director, office of production control; staff assistant for delivery systems coordination; research associate.  
Applications for UMA

positions should be sent to Jack McBride, Executive Vice President, University of Mid-America, 1800 N. 33rd St., P. O. Box 82006, Lincoln, Neb. 68501.

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UNIVERSITY OF MISSOURI

## Alexis Jarrett. . . from spotlight to women's athletics

One glance at the lady, and an observer thinks of a Miss America candidate. She's a slim blonde from Kansas, and one can imagine her immersed in the colored lights of a high school auditorium, playing a vigorous Rachmaninoff on the school's Wurlitzer.

Alexis Jarrett has competed in the Miss America pageant, and her favorite classical musician is Rachmaninoff. But the stereotype ends there.

For the 26-year-old is a self-admitted "jock" who is using her sports and journalism experience to bring women's intercollegiate athletics into prominence at UMC. She coaches women's track, softball and basketball, and acts as publicity director for the women's program.

"Yesterday's paper mentioned the men's and women's basketball teams in the same story," Ms. Jarrett tells a reporter amid the never-ending stream of phone calls and visitors to her McKee Gymnasium office. "That's what we're aiming for."

Ms. Jarrett's experience in sports journalism began during her senior year of high school.

...men's and women's  
teams treated in the same  
newspaper story—that's  
the aim. . .

She became sports editor of the school's newspaper when none of the men in her class would take the job.

"They all said it would take too much time, and that they didn't want to write about sports," she says.

In college she became a paid sportswriter for the "Statesman" at the University of Minnesota at Duluth, later doing a stint as Duluth's first female television reporter.

"I wasn't really impressed with myself," she says. "I wanted to do sports reporting, and I was in news."

Wasn't it a lonely, and sometimes peculiar experience, being a woman in sports journalism before the era of Jane Chastain and Billie Jean King?

"I didn't pay attention to that," Ms. Jarrett says. "I was enjoying and learning so much."

Sports have been a lifelong passion for her, she says. "I grew up on the sandlot."

Part of the attraction athletic competition holds for Ms. Jarrett lies in the challenge it offers her. "I like speciality sports," she says. "If I was in swimming, I



The coach gives one of her players a hand. . .



Ms. Jarrett and the team concentrate on a close basketball game.

would have been the diver. In skiing, I would have been the ski jumper. I love testing my own ability."

Her life reflects this eagerness for meeting challenges.

"As a child, I had a heart condition called pancarditis," she recalls. Her body's metabolism was so frail, she says, that she had to be carried into her first grade classroom.

"We want facilities equal to the men's but we don't want to undermine the men's program, or be the reason for cuts in their budget."

Such an ailment would discourage most children from an active sports career. But not Ms. Jarrett. Under the watchful eyes of her parents, she started competing in sandlot sports in her Independence, Kansas, neighborhood. The exercise strengthened her heart, and soon she was vigorously involved in sports and school activities.

"My family always had the attitude that an individual can do anything he wants to, if he wants it bad enough," she says. "If desire and dedication are there, than a task can be accomplished."

Ms. Jarrett's accomplishments would make any parents glow: head cheerleader and senior class vice-president in college; second runner-up to Miss Duluth; a Miss Cheerleader, USA, semi-finalist; and an instructor for the National Cheerleaders Association.

Today, Ms. Jarrett is deeply committed to her latest challenge—establishing a stronghold for women's intercollegiate athletics at UMC. At a university where football has reigned supreme for so many years, this is no mean task. But Ms. Jarrett is optimistic about enlisting male support for the women's program.

"I think that the men's and women's intercollegiate athletic departments can work hand-in-hand," she says. "We want facilities equal to

the men's, but we don't want to undermine the men's program, or be the reason for cuts in their budget."

Some of the best supporters of her women's basketball team have been male athletes, she says. "Many members of the football team showed up for our last home game."

At this point, the interview stops as two of Ms. Jarrett's basketball players drop by her office. Ms. Jarrett pauses to admire a "women in sports" tee shirt one of them has received as a gift.

"One of those girls is the daughter of a former Missouri football player," she says after the girls leave.

A thoughtful look crosses her face. "Some day many of my girls are going to have sons and daughters," she says. "It's my dream that they'll send them to our intercollegiate programs at UMC."



Alexis Jarrett

## School of Graduate Studies, research program respond to needs of urban community

Dr. Herwig G. Zauchenberger in his office.



## UMKC holds women's event

"A Day for Women in Health—Our Bodies, Our Selves" will be conducted for UMKC women students, faculty and staff from 10 a.m. to 5 p.m. Monday.

Sponsored by the Women's Resource Service, the seminar will focus on many of the health issues and concerns facing women.

Sessions will include lectures, discussions, films, participation and demonstrations to help women develop more healthy bodies for a more active lifestyle. Topics to be presented simultaneously and continuously in Pierson Hall include "Understanding Female Anatomy and Function," 1-3 p.m.; "Detecting Breast Cancer," 10 a.m.-noon and 1-3 p.m.; "Self-Protection and Self-Defense," 10

a.m.-noon and 3-5 p.m.; "Women and Drugs," 10 a.m.-noon and 1-3 p.m.; "The Body Shop," 11-1; and "Women in Motion," 3-5 p.m.

Discussion leaders include faculty of the School of Medicine and of the Health and Physical Education Department. Resource persons also will be available to answer questions. For information, contact Ruth Margolin, coordinator of Women's Resource Service, Ext. 1442.

Coordinating many academic responsibilities, Dr. Herwig G. Zauchenberger administers a complex network that influences practically every level of graduate education and research at UMKC. As dean of the School of Graduate Studies (SGS) and as university research administrator, he becomes a major spokesman and advocate for further improvements in the quality of graduate education and research, as well as a key source for new ways in which SGS can accomplish its mission. And with these duties comes a long list of other responsibilities—including chairmanships of the Graduate Council, Research Council, Computer Policy Committee and Advisory Committee on Human Experimentation, as well as administrative supervision of the Laboratory Animal Center, Computing Services and Radiation Safety Program—all directed at keeping the many facets of graduate education and research operating efficiently.

"The major function of SGS is to serve as the principal coordinating division and means of communication on the graduate level between the faculty of the various other academic divisions," said Dr. Zauchenberger. "The principal goal of SGS and the graduate faculty at UMKC is to maintain and improve the quality of graduate education and to solicit the cooperation of all schools, departments, faculty, students and administrators to support the attainment of this goal. SGS promotes the concept of quality research and intellectual inquiry. Without it, a major aspect fundamental to a university would be missing."

The importance of SGS to UMKC and to the urban community becomes apparent when one realizes that 28 per cent of the total student body is made up of graduate students and that the percentage jumps to 41 when advanced professional students are included. "This is a very high percentage for a campus with 11,000 students," said the dean.

He attributes this high percentage to UMKC being the only school in the metropolitan area, with the exception of the University of Kansas Medical Center, that provides graduate education leading to advanced degrees.

Another means by which SGS serves the needs of the University and community is by trying to find new ways for university-community interaction, he said. "We have an adjunct graduate faculty that provides the opportunity for local experts in such fields as industry, health care and government to take part in the graduate activities of this university."

"For example, we have just been involved in a symposium on the development of underground space. This joint effort of the University and the community clearly demonstrated the interaction among graduate education, research and industry. It also revealed how these three components, in conjunction with government funding agencies and local support, can work meaningfully together to produce much more than each could alone."

Dr. Zauchenberger is particularly proud of the Roy Roberts Visiting Professorship, which enriches the educational climate on campus, and of the N.T. Veatch Award for Distinguished Research and Creative Activity, a program and a competition benefiting the public as well as nearly every segment of student and faculty life, for which his office has major responsibility. It is through the Office of Research Administration (ORA) that SGS reaches practically every faculty and staff member who is doing research or planning a research project. Through its monthly publication, "Research Notes," the office provides information on all internal and extramural grants and contract opportunities. ORA, in conjunction with the Research Council, also administers the annual faculty research grant competition. Zauchenberger expressed satisfaction that state dollars available for this competition have been increased substantially during the past two years.

## Ellsberg speech set

Daniel Ellsberg (left), procurer of the Pentagon Papers, has been rescheduled to speak at 7:30 p.m. Tuesday, March 25, at Southwest High school, 6512 Wornall Rd.

The talk is part of the All Student Association's seventh annual Robert F. Kennedy Memorial Symposium, which is focusing on

"Great Decisions." Tickets may be purchased at the Box Office, Ext. 2705.

## Baroque music tonight

The Baroque Ensemble of Ancient Instruments will present a program of Renaissance and Baroque music at 8:15 p.m. tonight in Stover Auditorium.

The free concert, directed by Dr. Francis Buebendorf, will be repeated at 5 p.m. Sunday at Central United Methodist Church, 51st and Oak.

## Barry Phillips serves as Center head

"The concept of the University Center is to provide a convenience to University students, faculty and staff by centralizing many services in one facility," said Barry Phillips, director of the University Center and Housing.

"In addition to food, which is our primary service, we also have a cashier's office, barber shop, games room, the Box Office, student organization offices and the Alcove, a branch of the Bookstore."

Besides assisting with programs held in the facility, the Center also plans activities of own. The next in its continuing connoisseur series is Sunday when a special Spring Sunday Buffet will be presented in Pierson Hall. According to Phillips, the recently initiated faculty and staff Wednesday luncheon is a success, and, "is the closest we have to a faculty-staff club."

The food service staff also goes outside the Center, preparing and taking a hot cafeteria-style lunch daily to the School of Dentistry.

While the Center is not intended to be a huge profit-making enterprise, it is revenue-producing. Phillips said these funds are not sufficient to further his dream of

expanding the facility, but there will be some improvements, including new drapes and chairs for Pierson Hall.

When the Center was built in 1963, there were 3,500 students at UMKC, compared to the present 11,000. In addition, the annual gross of food service has grown from \$100,000 to almost \$500,000.

"Our most immediate concern to meet this growth is reorganization of the staff and responsibilities," Phillips said, "so the Center can continue to provide the necessary services as efficiently as possible."

Barry Phillips talks with a student outside the University Center.



## Civic Orchestra to perform

The UMKC Civic Orchestra will perform at 3 p.m. Sunday in the Saints (RLDS) Auditorium in Independence.

Glenn Block will conduct the 100-piece orchestra in a concert that includes selections by Dimitri Shostakovich, Robert Schumann and Camille Saint-Saens.

The free concert is in honor of the University

Associates and in memory of the late Walter Cook, who served as Keyboard Division chairperson.



# Friendly Finley Fore retires as UMR foreman

Finley Fore, UMR building service foreman, housing, wears a 20-year UMR service pin in his lapel. And he's proud of it.

The pin represents 20 "enjoyable years," Fore says. Actually Fore has had two stints of employment with UMR. He first started work as a laborer in 1951, but was off for about a year after he broke his back. In December, 1953, he came back to UMR as a custodian in Kelley Hall, UMR's first dorm. He has been working in housing ever since, the last 15 years as foreman. He wouldn't have wanted to trade places with anyone on campus.

"It has always been interesting, never boring," he recalls. "It has been fun working with the students. We have had a few problems through the years, but never anything really bad. The majority of the students are nice kids, really friendly." He counts most of the students as friends, and is happy that many of them bring their parents to meet him, or stop to see him when they return to Rolla after they graduate.

In his 20 years here, Fore has seen University student housing grow from one dormitory to include five dorms, a cafeteria and housing for married students in Nagogami Terrace and Stuart Hall. He and his crew of 10 custodians and four maintenance men have been responsible for maintenance in all these buildings and the University Center, and for custodial work in the dorms and Rayl Cafeteria.

"It has really kept us busy," Fore says, "but I've enjoyed it all."

Fore will officially retire at the end of this month. He is now on vacation. On his last regular day of work, campus friends arranged what they had intended to be a surprise party. As it turned out, the party wasn't a surprise, Fore says, but what did surprise him was the number of faculty, administrators, fellow workers and students who came to wish him well.



Finley Fore, left, visits with a few of his friends from the UMR dorms. The housing foreman will retire March 28.

## Calendar

### March

21--Chemistry seminar, Dr. Richard Givens, 4:30 p.m., Chemistry-Chemical Engineering 125  
22--South Central Missouri District Music Festival  
25--Sigma Xi meeting, Dr. Paul Dean Proctor, 11:45 a.m., Mark Twain Room  
26--Metallurgical engineering seminar,

Lloyd Rollan Chapman, 4 p.m., Humanities-Social Sciences G-5  
27--April 2--Easter vacation for students  
28--Official University holiday, Good Friday  
31--Deadline for Academic Council agenda items, Professor Ralph Schowalter, Mechanical Engineering 203

"I didn't know I had that many friends," he says.

He was the only one who was surprised at the turnout.

"He is a friend to everyone who knows him," says Mike Mullen, vice president of the Men's Residence Halls Association. "He is always willing to help whenever he can." Mullen, who is also president of Citizens United to Restore the Environment, cites as an example Fore's help in separating trash for recycling and transporting it from the dorm to the recycling center.

"He didn't just do his job," adds Jess Zink, director of auxiliary enterprises. "He was always interested in the students and ready to go out of his way to help."

Although Fore plans to just take it easy for awhile, his plans for retirement include doing some things he hasn't had time for previously. This includes working around the house a little and doing some gardening. He's an avid baseball fan, and, come baseball season, he wants to be ready to cheer on the Cardinals, his favorite team. He'd also like to make some long out-of-town trips for baseball games at the Houston Astrodome, and perhaps New Orleans or Pittsburg. "But I don't want to go too far or be gone too long," he says.

Mr. and Mrs. Fore's two sons, Bill and Terry, live in Rolla. There are four grandchildren, three girls and one boy, and Fore is looking forward to spending more time with them.

After years of having hundreds of young people around, he is finding life on his farm near Lecomma pretty quiet.

"I know I'll miss the students," he says. "In fact, after just a short time away from the job, I already miss them."

And it's a safe bet that with Fore's friends on campus and in the dorms the feeling is mutual.

## Parker Hall moving day

Several administrative offices in Parker Hall have been moved the past week.

Dr. Dudley Thompson, vice chancellor, is now in room 212B Parker Hall and Professor Charles Remington, executive secretary of the chancellor's and administrative councils, is in room 212A. Both can be reached through the chancellor's office complex (room 210) and through telephone numbers--4114 and 4117.

Dr. Adrian Daane, dean of the College of Arts and Sciences, has moved to room G4 Humanities-Social Sciences Building. His telephone number, as well as all other office telephone numbers, remains the same.

Dr. Jim Pogue, provost-dean of faculties, has moved to 212 Parker Hall. Neil Smith, director of institutional studies, has moved to 208 Parker Hall. Bob Lewis, director of admissions and registrar, has moved to 101 Parker Hall. The first floor Parker Hall conference room has been changed from 101 to 102A.

## Sigma Xi meeting

The next meeting of Sigma Xi is Tuesday, March 25, 11:45 a.m., Mark Twain Room. Participants are invited to bring a brown bag or go through the cafeteria line and bring a tray. Program begins at 12:30 p.m. and will be given by Dr. Paul Dean Proctor, professor of geology. His subject is "The Serra des Carajas Iron Ore Deposits." These deposits, southwest of Belem, Brazil, are now considered to be the world's largest known iron ore reserves.

## Met seminar

Lloyd Rollan Chapman, graduate student in metallurgical engineering, will conduct a seminar on "Metallurgical Applications of the Mossbauer Effect" Wednesday, March 26, 4 p.m., Humanities-Social Sciences G-5. Coffee and doughnuts will be served at 3:30 p.m.

## Vacancy

The University of Mid-America (Iowa, Kansas, Missouri and Nebraska) is seeking applicants for the position of assistant for information services in the office of public affairs and information services. For further information contact John Dills, personnel office.

## Reception postponed

The Service Awards Reception most recently scheduled for Wednesday, March 19, has been re-scheduled for Monday, March 31 at 10 a.m. in the Mark Twain Room.

# Rolla

## 'Studio Set' supports KWMU



Excerpts from a book on impeachment by Dr. Walter Ehrlich, associate professor of history and education, have been cited in the U.S. Senate Rules Committee report on impeachment trial procedures and practices. Twelve summaries of American impeachment trials from 1797 to 1936 are included in the Senate report. Dr. Ehrlich's book, "Presidential Impeachment: An American Dilemma," was published last spring.



### Art gallery conferences at UMSL, UMKC

The Missouri State Council on the Arts will sponsor two one-day conferences on art gallery development and management April 4 at UMSL and May 3 at UMKC.

The conferences, financed through a grant from the Smithsonian Institution, are open to all who receive traveling exhibitions from the State Council on the Arts, schools, libraries, banks and other community arts organizations. They will focus on ways of improving small art gallery operations.

Ruth Bowman, director of education at the Los Angeles County Museum of Art, will be the keynote speaker for both programs. She will address the opening session of the St. Louis conference at 10 a.m. April 4 in the J.C. Penney Auditorium.

"Conferences have been planned to coincide with the Missouri Museum Associates meeting at Shaw's Garden April 5 and 6 and the Chinese Exhibition at the Nelson Gallery of Art during May," Jean Tucker, UMSL art lecturer and project director for the conferences, said.

For one week in March, radio station KWMU made a drastic change in its schedule of public service announcements, which normally promote everything from future events at UMSL to support for various charitable organizations.

From March 3 through March 9, KWMU stopped promoting everything except KWMU, as the station mounted the first membership campaign in its three years on the air. The results of the drive, according to station General Manager Robert W. Thomas, have been outstanding.

St. Louisans concerned about supporting the classical music and news station pledged more than \$7200 during the initial phase of the drive, which requested support through a new organization of KWMU backers.

"We went into the drive not knowing what to expect, with no real goal in mind," Thomas says. "But when the first week was over, we were very happy with the results. They showed a great deal of positive support for the station in the community."

The device being used for the solicitation drive is Studio Set, a new organization for those who pledge financial gifts to the station. Supporters may join the group by contributing \$15, \$25, \$50, or \$100. Students and senior citizens receive memberships for as little as \$12.

In exchange for a signature on a check, Studio Set members receive the KWMU program guide and invitations to several social events during the year. Their main reward, as described in an announcement placed in several cultural-oriented publications, is "the knowledge and satisfaction that KWMU will continue to enrich your cultural life . . ."

The funds from the drive are placed in the station's gifts account and will be used to continue the monthly program guide, Thomas says. Other needs the tax-deductible gifts will meet are the purchase of new records to expand the station's collection and the replacement of equipment as necessary. The fund will support many needs of the general operation of the station, according to Thomas.

UMSL Dean of Faculties Everett Walters, a member of the KWMU advisory committee and the administrator ultimately responsible for the station, compares the membership drive to the library "friends" groups at UMC and UMKC. People who join such groups, he points out, usually do so for the sake of supporting something they consider worthwhile.

Dr. Walters describes the station as "a major contribution, certainly, to the intellectual climate of the greater St. Louis area." He also comments that much of the station's programming can be more than a little educational.

"For listeners of classical music, the station is really an educational venture," he says. "If you receive the program guide and pay some attention to the expert commentaries, it can be very instructional. In this sense, there is real educational value in the everyday programming."

Another dividend Thomas points out is that the station represents a way of reaching a large segment of the St. Louis community that has no other contact with the University. The latest ARB (American Research Bureau) figures indicate that KWMU has a following of about 32,000 listeners per week, most of them regular listeners.

This figure, although dwarfed by the audience of a large commercial metropolitan station, shows a "reasonably good audience for a specialized station," Thomas says, and ranks

KWMU "in a high category with the public stations across the country."

"We're reaching a lot of people whose image of UMSL is formed solely by their contact with KWMU," Thomas says, "and that image we're trying to project is a positive, high-caliber one."

Thomas credits the early success of the Studio Set campaign to the efforts of Blair Farrell, UMSL's development consultant, who designed the drive with assistance from the offices of publications and public information.

The bulk of the results of the initial week of the drive came from the direct solicitations on the KWMU airwaves. Special announcements urging listeners to join were aired by Interim Chancellor Emery C. Turner; Dr. Donald Driemeier, acting dean of the business school and a member of the station's advisory group; Dean Walters; Dr. Arnold Perris, chairman of the fine arts department and an active participant in the station's programming; Trebor Tichenor and Charlie Menees, hosts of the station's popular ragtime and jazz programs, respectively; and members of the KWMU staff.



Thomas said some gifts were acquired through the use of premium offers. Records were offered free to those who pledged at least \$25 during specified periods, and Thomas reports that such offers spurred many callers to pledge at higher levels.

After the first week of concentrated promotion of the campaign, the station has restored its normal schedule of public service spots. The drive will continue throughout the year with periodic announcements on the station, so St. Louisans will continue to have the chance to join the group.

Says Thomas: "We hope that anyone who believes what we're doing is worth doing will consider joining Studio Set."

--Bill Walker

# Saint Louis



UMSL route man Casselman Orr steps out of an electric van that was recently tested for possible use on the UMSL campus. The battery-powered, pollution-free delivery vehicle was on loan for a week from the Lead Industries Association. It has a top speed of about 54 miles per hour.