

# Hospital room, board changes must be made by Sept. 30

University employees who will be covered by the new \$60 per day hospital room and board provision of the medical benefits program as of Oct. 1 may switch to the \$45 per day room and board coverage, providing the request to change is made by Sept. 30.

In a letter to all employees, W. D. Poore, University personnel director, explained that some employees and union representatives feel that the \$45 per day room and board coverage going into effect Oct. 1 will provide adequate coverage for them.

While the option to change to the lower coverage is being offered, Poore emphasizes that:

"... careful consideration be given before changing to the lower room rate in view of continually escalating medical costs. Any who change to the lower room rate and later decide to revert to the higher room rate will be required to furnish medical evidence of good health."

The differences in employe costs between the \$45 and \$60 plan vary depending on the total type of coverage carried by individual participants. The \$60 coverage will cost from \$4.61 to \$10.67 per month more than the \$45 plan.

The option to transfer to the lower room

and board coverage is being given, Poore said, because the employe pays the entire amount for the difference between the \$45 and \$60 coverage.

A higher hospital room and board coverage was started several years ago when some employes said they felt additional protection was needed and would be willing to pay the entire cost of the difference. All other costs associated with the medical benefits plan are shared by the employe and the University.

Those wanting to move to the lower room and board coverage must fill in a new enrollment card and turn it in to the campus personnel office by Sept. 30.

Leroy Sharp, supervisor of staff benefits, advises that a change in the options of the University group medical plan may be requested during November and December. The changes will go into effect Jan. 1, 1976.

Employees interested in changing plans — \$50 or \$200 deductible — or changing the room allowance — \$45 or \$60 — should call Staff Benefits, 307 Hitt St., 882-3683. Requests will be accepted if received by Staff Benefits prior to Jan. 1, 1976.

## New correspondence courses featured in 1975-76 catalog

The new 1975-76 catalog of the UMC Center for Independent Study Through Correspondence contains an array of new subjects. Five of the courses were developed as a joint effort of two or more of the UM campuses.

The new college-level courses are: Management of Long-Term Health Care Facilities 300; Fundamentals of Economics I; Fundamentals of Economics II; Economic Geography 100; Creative Writing: Poetry 70; Insects in the Environment 101; History 98, A survey of American History to 1865; and History of the USSR 355.

New high school courses are Business Law; Salesmanship I; Salesmanship II; Readings in the American Novel; Science Fiction; and English Literature Through Shakespeare. In addition, a new non-credit course, "So You're A Park Board Member," also is offered.

A unique feature of the 1975-76 catalog is its indication for those courses in which progress evaluation is by the Computer Assisted Lesson Service. Student exercises are computer programmed with comments for each of the answers.

A survey of students taking the computer assisted courses indicated that they

learned more, wrote less, enjoyed more, received their return lessons faster and preferred the computer assisted courses over traditional correspondence courses.

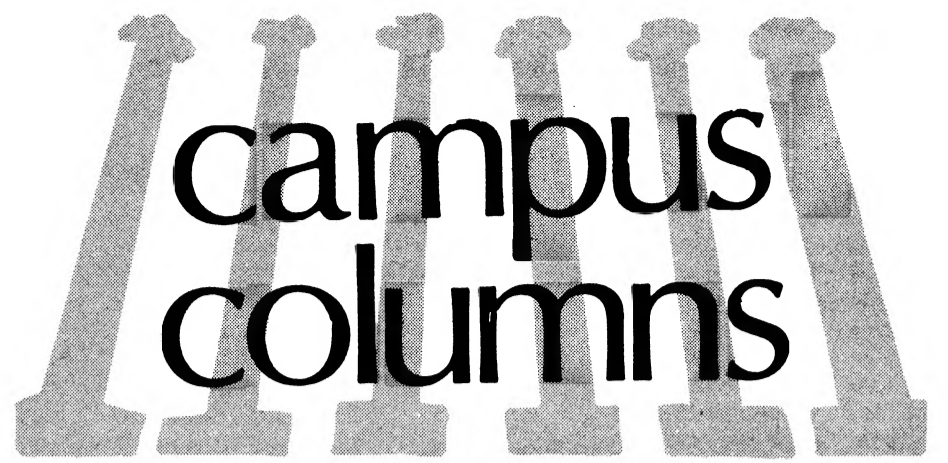
In addition to the 1975 catalog, a special course catalog has been developed for area educators. The 12-page special catalogs contain sample college-level and high school courses with computer assisted lessons.

Special or regular editions of the correspondence catalog are available by writing the Center for Independent Study, 514 S. Fifth St., Columbia, Mo. 65201.

## Holidays set

Friday, Dec. 26 and Friday, Jan. 2 have been designated as the 1975-76 University "floating" holidays, according to an announcement from the Office of the President.

Since Christmas Day and New Year's Day are also holidays, the University will be closed for two consecutive four-day weekends. Arrangements will be made to carry on essential services.



UNIVERSITY OF MISSOURI-COLUMBIA  
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## Construction starts on unit for care of severely burned

Construction has begun on a specially equipped facility for care of the severely burned at the UMC Medical Center. After completion in seven months, the seven-bed unit will provide a centralized area where burn patients can receive the intensive care they need for survival.

The center will be known as the George David Peak Memorial Burn Unit. Construction of the unit and purchase of equipment was made possible in part by a gift from Mr. and Mrs. George W. Peak of Columbia. Their son was one of the original members of the Emergency Medical Services team at the Medical Center at the time of his death several years ago.

The Medical Center's "burn team," a group of general and plastic surgeons, nurses, psychiatrists, therapists, social workers and other health care professionals, annually cares for more than 80 severely burned patients sent from all regions of the state.

"Our burn patients have always received excellent care, but by grouping them in a special unit we will be able to make more efficient use of staff time and expertise," said Dr. Boyd Terry, director of the burn unit. Benefits of centralizing the burn patients and personnel resources in a specific area include better continuity of care for the patients and more effective use of personnel, supplies and equipment.

When the new center is opened, the staff will use the latest in patient care equipment to monitor and maintain the burn patients. Each bed, three private and four semi-private, will have monitoring devices to record the vital signs of the patient and infra-red lights and hypothermia equipment to control the patient's temperature.

The special expertise of the burn unit's nursing staff is a major element of the

total care of burn patients. They will use basic barrier isolation techniques to prevent the communication of infections, a serious threat. The unit will also have an air evacuation system which will filter and exchange the air.

In addition to the complete care available to the severely burned patients during their hospitalization in the new unit, there will be comprehensive follow-up treatment.

Facilities of the burn unit will also help burn victims who are not transferred to the Medical Center. Through continuing education programs, doctors, nurses, and health care workers from other community hospitals will visit the unit to learn more about special techniques of care for the burn patients which may be used in their localities.

"The new burn unit will have an educational mission as well as a patient care mission," said Terry. "The care of burn patients throughout the state will be enhanced by the training of students and out-state physicians and nurses that will take place here."

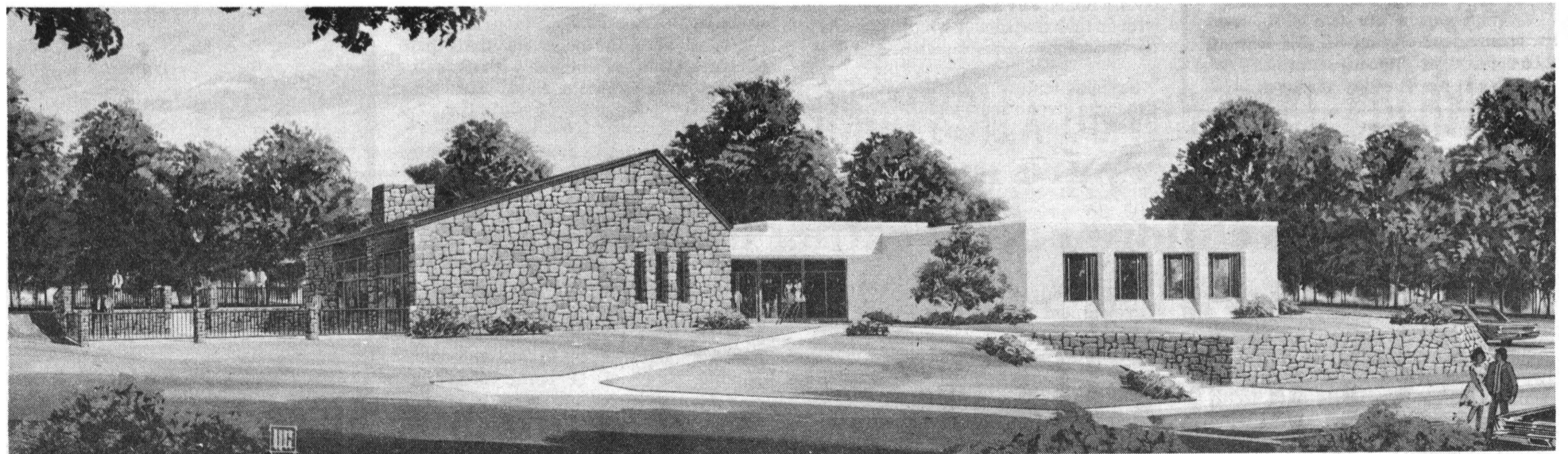
## Supervision course offered in October

A seven-week course in Basic Supervision will be offered by the UMC Personnel Services from 10 a.m.-noon Monday, Wednesday and Fridays in the Training and Development Conference Room, Lewis Hall basement, beginning Monday, Oct. 6.

All UMC employees are eligible to enroll in the course with the permission of their dean or director. To enroll, call 882-4859.

Course topics include work assignments, performance appraisal, motivation and leadership styles.

## Ground-breaking for alumni center set for Sept. 27



Ground-breaking for the \$800,000 UMC alumni center, pictured above from an architect's drawing, will take place at 10 a.m., Saturday, Sept. 27. The center will be constructed at a site on highway 740 overlooking the Gustin golfcourse west of the club house. The 17,000 square foot brick and limestone building will provide headquarters for the 120,000 UMC alumni and offices

for the professional staff involved in alumni relations and the development fund. The center will be financed by funds raised through private donations. William Simon, UMC alumni president and John H. Dalton, president of the Board of Curators, will turn the first dirt with shovel in the construction process during Saturday's ceremony.

# Agricultural economics teletype lists latest livestock, grain market reports

Everything's up-to-date in Kansas City — or so the song says.

Columbia may not be as up-to-date as Kansas City, but it's only seconds behind in having the latest farm market information — at least in the UMC agricultural economics department.

A wire service teletype was leased last spring semester by the department and placed in the second-floor hallway of Mumford Hall, providing convenient all-day access to the latest livestock and grain market reports and related news.

Its popularity was immediate, says Charles L. Cramer, agricultural economics department chairman. Faculty and students in his department use it regularly, he said.

But interest in the teletype is proving to be interdepartmental. Many faculty and students in animal husbandry and agronomy (also housed mainly in Mumford Hall) check the print-outs daily.

This doesn't bother Cramer in the least. On the contrary, he agreed with most of his colleagues last spring that the teletype should be placed where it would have maximum exposure and accessibility.

"At times, so many students are crowded around it that you can't get near it," says J.M. Ragsdale, extension grain

marketing specialist, who helped spearhead the idea.

Ragsdale and departmental colleague Glenn A. Grimes, extension livestock economist, both said that the teletype service helps them in preparing for extension meetings they conduct around the state.

"It used to be that the farmers at the meetings would be more up-to-date on the market situation than I was," Ragsdale said.

He receives printed market reports from Kansas City daily, but they are always at least one day old. Now he can go to the teletype right after the market closes at 1:15 p.m. and arm himself with all the information he needs for an extension meeting out-state the same night.

Both Ragsdale and Grimes are often called on for grain and livestock outlooks, and the new facility gives them the latest information available to help make predictions and economic analyses.

Leased from Commodity News Services, Inc., of Kansas City, the wire service provides about 90 feet of print-out per day on livestock and grain market action and other general news about agriculture, including the futures markets and even the weather.

Most of the information comes from Chicago's Board of Trade, Mercantile Exchange, Central U.S. Livestock and Meat Markets, and the Kansas City Board of Trade, but some of it originates from other markets worldwide, Ragsdale said.

Once each hour a departmental secretary clips the print-out of the past hour and posts it in sequence near the teletype. Print-outs from the current day and from the day before are accessible to anyone who walks by. Older print-outs are stored for reference as needed.

More than 80 students enrolled in a beef production and management course under animal husbandry professor G.B. Thompson are using the teletype this semester as a lab exercise.

"The students are using information from the teletype to seek the best market for beef cows they are theoretically buying and raising," Thompson said.

He expects continued student use of the wire service next semester in pork and sheep production courses.

Whether dealing in farm commodities on a real or supposed basis — or just checking the current price of corn — College of Agriculture faculty and students are keeping themselves informed — and almost as up-to-date as Kansas City.



Glenn A. Grimes (left) and J. M. Ragsdale (right), both professors of agricultural economics, discuss the latest livestock and grain market reports which are communicated by a wire service teletype.

## Enjoyable retirement depends on planning . . .

### Program helps employes plan retirement

Whether or not retirement becomes "the golden years" often depends on the amount of planning an employe does ahead of time. The UMC Staff Benefits Section recognizes this need for planning by providing a seven-session pre-retirement program for all employes over the age of 53.

"Companies and institutions who have conducted surveys have found that although people are initially concerned

with the amount of money they will have upon retirement, they soon discover that there are other problems such as relationships with friends, leisure time activities and a continued need to accomplish something which they can measure," says Leroy Sharp, supervisor of staff benefits.

Time and what to do with it can often be a problem in families where the male has worked and the female has not," according to Sharp. He adds that many women find it difficult to have "another expert at home."

"If both spouses have been out of the home and working (which seems to be the current trend) then sometimes the initial adjustment to retirement is easier," Sharp points out.

The UMC retirement program covers many aspects of the change including the health aspects of advancing years, what to do with family estates, legal and financial planning.

"We are interested in having both spouses present at the sessions as we want the program to be informal and helpful to both," Sharp says. "Each session begins with an informal dinner which is free to all participants."

Sessions feature a guest "expert" each time who gives a short lecture on a subject

and then opens up the floor for questions and answers. Last year, speakers included a representative of the internal revenue service, physician, representatives of social security, lawyer and a professor of finance.

"We try to hold the groups to a total of 35 for each session and keep them as homogenous as possible — for instance there are sessions for staff on Mondays and faculty on Tuesdays," Sharp said.

Approximately 155 UMC employes participate in the pre-retirement program each year. An average of 120 employes retire each year, according to Sharp.

"Many universities have similar programs," Sharp said. "I attended a meeting in Kansas City in 1969 on pre-retirement programs and was impressed with the need for this kind of program."

Sharp said that during the post-depression years many companies and institutions started such programs but with the exception of a few companies such as Bell Telephone, most of them died out. The federal government instituted such programs in the 60s.

"The basis for success is to have both husband and wife at the sessions and offer useable information," Sharp explains. "We are here in the event that these people want to get in touch with us or the experts in a specific field after they retire."

A Pre-Retirement Planning Program sponsored by the UMC Personnel Services and Staff Benefits Office will be held Oct. 13-Nov. 24 in the Memorial Union.

The program, which is held every Monday and Tuesday evening, includes dinner at 6 p.m. and a meeting from 7-9 p.m. Monday night sessions, aimed at staff personnel, are directed by Dean Baxter, training coordinator, University-wide Personnel Services. Tuesday evening meetings for senior administrative staff and faculty are conducted by Leroy Sharp, supervisor, Staff Benefits.

Those interested in the program, which is free and open to any UMC employe over the age of 53 and spouse, may contact 882-4849 to register for Monday sessions and 882-3683 for Tuesday sessions.

## Staff members prepare nutrition booklet for teaching children good eating habits

Making apple butter after visiting an apple orchard; touching, tasting and "listening to the sounds of" food are some experiences suggested in the award-winning booklet, "Teaching the Young Child Good Eating Habits for Life."

Prepared by two UMC staff members and other Missouri home economists, the booklet has won the Gold Leaf Award from Family Circle Magazine "for creation of outstanding contributions to nutrition education."

Co-chairman of the sponsoring committee for the booklet is Ann Hertzler, UMC food and nutrition extension

specialist. Marilyn Blossom, UMC child development extension specialist, is co-editor.

Parents and teachers of young children are offered ways to develop their nutrition "learnings" by "doings" in music, science, dramatics, art and sensory experience. Line drawings illustrate the many games, songs and activities.

A bibliography of nutrition aids lists books and pamphlets, films and filmstrips, cooking for - with - by children and visuals — inexpensive or free — such as three dimensional food models, cut-outs and other resources.

The American Home Economics Association (AHEA) displayed the booklet as a top quality publication at the 1975 AHEA annual meeting in San Antonio. A judging panel of 14 home economics educators evaluated and rated the entries.

The booklet is published by the Missouri Division of Health. More than 2,500 copies have been distributed since 1971, with requests from across the U. S. and around the world.

Copies are available for \$1 each from the Missouri Home Economics Association, 308 Loch Lane, Columbia, Mo 65201.

## Management seminar scheduled Oct. 21

A twelve-session "Management Development Seminar for Department Directors" will be offered for the first time on the UMC campus from 10 a.m.-noon Tuesdays and Thursdays, Oct. 21-Nov. 26 in the Employee Training and Development Conference room, Lewis Hall basement.

The new program, which will be led by Donald Zick, manager of employe training and development, is open to those who direct the activities of a department. Since the program is limited to 20 participants, registration will be on a first-come, first-served basis. Those interested should contact Kathy Cain, 882-4859, or room 817 Lewis Hall with pertinent information.

Sessions will cover eight areas and will include completion of a questionnaire developed by Dr. Donald Kirkpatrick, professor of management development, University of Wisconsin; a film on communication; discussion of topics such as "executive isolation" and "credibility" and discussion of the assigned text, "Why Am I Afraid to Tell You Who I am?"

This program is an effort by the Employee Training and Development Office to reach the entire management team. Other programs include an executive development seminar, four middle management seminars and a course on basic supervision.

### CAMPUS COLUMNS

Campus Columns is published monthly except July and August for the information of all University of Missouri employes on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office: 882-6211.

For change of address, obtain W-4 Form from departmental office, fill out entirely, and send to Payroll Office, 16 Jesse Hall. Editor: Anne D. Robinson

The University of Missouri  
An Equal Opportunity Institution

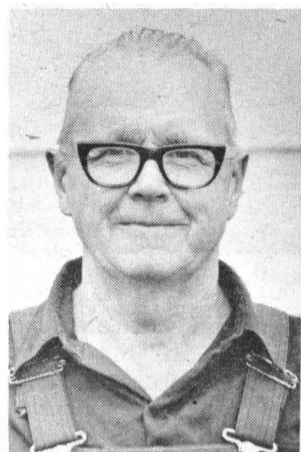
# Service Awards



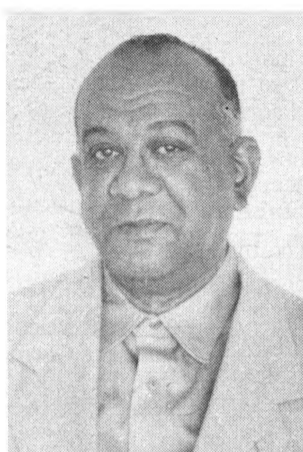
**George C. Brooks**  
Director  
Financial Aids  
10 years



**Delphine LaForce**  
Fiscal Supervisor  
Fiscal Business  
20 years



**James S. Ashlock**  
Ag. Maint. Mech. II  
Agriculture  
10 years



**Garling S. Hill**  
Janitor  
Dormitories  
15 years



**Harry L. Wilson**  
Engineer — TV Licensed  
KOMU-TV  
15 years



**Estelle Martin**  
Lead Janitor  
Dormitories  
15 years



**Mary E. Powell**  
Senior Lab Technician  
Office of Research  
20 years



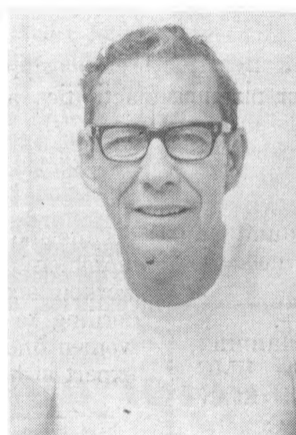
**Carol A. Baldwin**  
Administrative Associate  
Engineering  
10 years



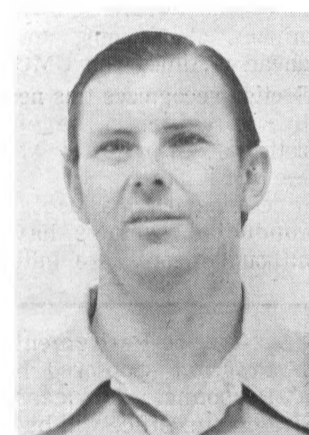
Mrs. Hazel Wright, residence hall housekeeping supervisor, recently received a service pin for 25 years at UMC.



**Linda V. Johnson**  
Senior Accounts Clerk  
Engineering Experiment  
Station  
10 years



**Billy E. Phelan**  
Painter III  
Dormitories  
15 years



**Charles L. Backus**  
Janitor  
Memorial Union  
10 years

## Staffers receive 5-year pins

The following UMC and University-wide employes recently attained five years of employment at the University:

**John Beaumonte**, assistant program analyst, office of research; **Mariann Coleman**, receptionist, counseling services; **Susan A. Davis**, assistant to the director, Memorial Union; **Rowena J. Hill**, secretary, UMC extension; **Ruth E. Miluski**, administrative secretary, office of academic affairs.

**Linda f. mosley**, secretary-stenographer, vice chancellor for alumni relations and development; **William E. Palmquist**, systems program analyst,

assistant provost for program development and resource management; **Marlene H. Perkins**, secretary, home economics; **Wilbur L. Pinkett**, janitor; **Linda K. Salmon**, secretary-stenographer, veterinary medicine.

**Linda S. Sapp**, senior secretary, chemistry; **Alex W. Smith**, mail clerk, UMC extension; **Stanley W. Sprague**, maintenance man, dormitories; **Bobby Taylor**, research specialist, entomology; **Gail M. Tognarelli**, senior EEG technician, Missouri Institute of Psychiatry.

## Riley to direct student center

William Riley, acting director of the UMC Center for Student Life, has been appointed permanent director. An assistant director in 1972 and associate director since 1973 under Dave Markee, Riley has held the acting directorship since July when Markee resigned to accept the assistant chancellorship for student affairs at the University of Wisconsin-Whitewater.

In announcing Riley's appointment, UMC Dean of Student Affairs James Banning lauded Riley's performance at the center. "His performance as associate director and as acting director has been valued by my office, by students and other members of the University community," Banning said. "I look forward to his continued leadership."

Banning also said that after an extensive review of the center's administrative structure, he has decided to eliminate the position of associate director and that the savings "will be reallocated to high priority programs within the center and within the division of student affairs."

Riley received his doctorate in counseling and personnel services from UMC in August. He holds a B.S. in mathematics-psychology and M.S. in counseling and guidance from Illinois State University.

While at Illinois, he served as an assistant to the dean of student affairs and residence hall director. Later he worked in the same capacity at the University of Wisconsin-Whitewater, advancing to director of student activities. For 1970-71 he was an assistant professor at Whitewater and director of institutional research.

## Center aids agencies

The Center for Student Volunteer Action, located in 105 Gentry Hall, refers interested UMC students to more than 60 agencies and organizations in the Columbia area each year, according to director Steve Whitney.

Whitney said many students volunteer for many reasons including "career tryouts" in fields such as physical therapy, psychology or parks and recreation.

The center, which also helps groups looking for a special service project, maintains a file of information about volunteer organizations and agencies in the area.

Those interest in volunteer work may contact the center at 882-6310. Center hours are 9:30 a.m.-4:30 p.m. Monday-Friday except Tuesday mornings.

## British scholars visit UMC . . .

## Professors analyze American education

Problems of specialization, teacher-student relationships, financing and technology aren't unique to the American scene, say two comparative educationalists from England's Reading University who spent part of last summer as visiting professors of education at UMC.

"You're aiming at a broader level of education with the possibility of more specialization," noted Donald F. Pritchard, Reading's Academic Support Centre coordinator. "We have more specialization than you do and tend to take a narrower range of subjects. You have a lot of idealistic students, but it's an intelligent idealism."

Because of the philosophical differences, hypothesizes Kenneth F. Smart, director of Reading's Advanced Diploma Course in educational administration, Americans "work very hard within the class, but see the class as an end in itself. In other words, when the summer session is over, well, that's the end. They have performed a certain stint of work and they

can go away and maybe some of them forget everything they learned in class.

"This stems from your modular system of courses in which you have a certain number of credits to work for within a limited time, whereas in an English university most students are following a carefully structured course that includes different components somebody else has thrown together for them. It makes for a fundamental difference in attitude.

"You could sum it up by saying our students are more directed than yours and this has advantages and disadvantages. It does mean that maybe our students work very well over a long period but your students can work extremely intensely over a short period.

"Students in England are probably much less respectful to their professors than the students here," Smart added. "In England the students are less inclined to accept what the professor says. This maybe springs partly from the structure of higher education (students in diverse fields taking the same class together).

"In the English situation you could very easily have one or two students or even more who might become very argumentative. I think maybe students at the universities in England perhaps know a little more. They might be a little more sophisticated. They're closer to Europe and maybe a little more international in their outlook to start with and maybe they've read more widely on international matters.

"It's a nice feeling of course that you don't have students who dispute with you. But in the long run it means those students have a long way to go before they have enough self confidence to engage in disputes."

Each of the professors taught at UMC for four weeks under a program initiated and started in 1962 by UMC professor of education Lloyd Jorgenson. Smart and Pritchard lecture in comparative education at UMC and facilitate a seminar on the educational problems of developing countries, a subject in which they hold

ample qualifications.

"Comparative educationalists are a very mixed bunch," Smart reflected. "Some come into it by chance and some are systematic thinkers interested in the philosophical foundation of it, some the sociological foundation and some, like myself, just drifted into it."

Pritchard is an honors graduate (majored in the arts) of London University's King's College. A former grammar schoolmaster, he was a lecturer in education at the University of Ghana for three years, principal of the Kawenu Teachers College at New Hebrides in the South Pacific for five years and been on the faculty of Reading since 1966.

Smart holds a bachelor's, master's and diploma in education from Oxford University. For six years he worked in teacher education, administration and inspection in the Gold Coast (now Ghana). On the faculty at Reading since 1956, he took a leave of absence in 1963 to serve as a UNESCO consultant in teacher education to the Mauritius and in 1966-68 served on UNESCO's Regional Group for Educational Planning in Africa.

Some of the problems confronted by American and English educational systems, the visitors noted, aren't unique to both, but are universal.

Some of the problems confronted by American and English educational systems, the visitors noted, aren't unique to both, but are universal.

"Life in the big city, the relationship between school and community in the big city, that's the same problem whether you talk about St. Louis, Dakar, Senegal, Bangkok, Thailand or Calcutta," Smart said. "I think it is true to say that most problems, the ones that really worry us, are problems shared with other people and even in developing countries. What strikes me is that the developing countries have the same problems as we do, but they are seen more starkly than our problems.

"As the quality of education improves, financing becomes a bigger problem. Most countries realize that they can't get better quality without contributing more resources for that better quality. If you think of teaching methods or if you think of the quality of supervision in education, you have to pay for that quality.

"It's a fallacy to suppose that if you introduce, let's say, a film or tape recorder or any kind of hardware into the classroom that that makes education cheaper. It doesn't. It makes it dearer; but it also makes it better.

"The developed and more advanced countries are going through this phase of technological development in education and this is leading to an increased strain on the competence of teachers.

"If you have modern teaching methods, you need not only cash to buy the hardware, but also you need a better trained teacher who knows what to do with that hardware. These are worldwide problems."

One of the more notable contrasts between American higher education and the English system, both visitors agreed, is the relationship between professor and student. The American system has contradictory elements, they note. "Some of



Kenneth F. Smart

your notions in higher education are much more German than English," Smart said. "This idea of the student being free to select courses, for example, is a German notion of academic freedom and is much more free than the paternalistic approach of English universities."

But on the other hand, he adds, "In Reading, my students see me every day and they know me and drop in at my office very frequently. I'm not only a professor who lectures to them, I'm also a person to whom they turn for advice on the relationship of the different elements in the course they are following."

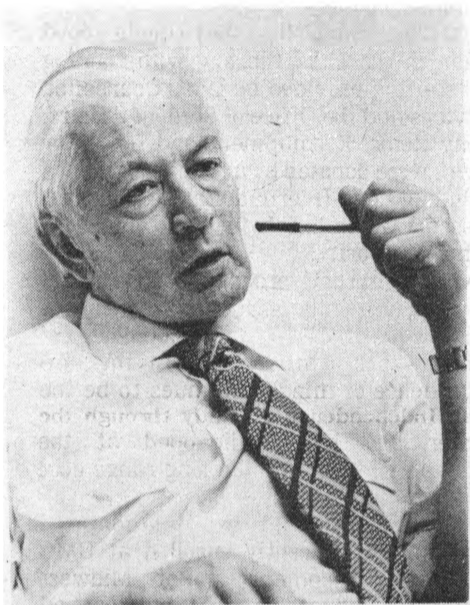
"I try to meet the students socially if I can," Pritchard interjected. "Most of our best teaching is outside the classroom."

"At Reading," Smart added, the students know me better than the students here (at UMC) who I see only once a day for a short, undefined period. So this relationship may be somewhat difficult for a foreign professor in an American university.

"Certainly we do have a close relationship in England. It, perhaps, is not excessively close, but close enough that my students at Reading will come to me for advice on purely personal matters. And sometimes, even if they don't want advice, they see me as a shoulder to weep on. I can't imagine that happening here."

Even so, both men look forward to returning to the UMC campus. Said Smart, senior of the two visiting professors with five summers at UMC to his credit: "I enjoy coming here for precisely the same reason I hope the students here enjoy having us. For me it's a delightful change to meet a new group of students with very different personal background and try to get to know them. It forces me to marshal my own thoughts and introduce some system into my own thinking on behalf of the students here.

"I like the atmosphere. The students, on the whole, seem to me to be very serious students, hardworking students and this is very rewarding for a teacher, of course."



Donald F. Pritchard

## Associate director appointed to Intercollegiate Athletics

Marilyn Markel, director of the women's athletic program at UMC, has been named associate director of intercollegiate athletics, according to Chancellor Herbert W. Schooling.

The move is a first step in a long range plan to combine the administration of men's and women's athletic programs into a single department, the chancellor said.

"We believe that now is the time to move toward the coordination of the two programs so that we make the best use of existing facilities, avoid possible policy conflicts, and make judicious allocation of all personnel resources," Schooling said.

In announcing the consolidation, Schooling said that separate budgets

would be maintained for the current academic year because of varying fund sources.

Decisions on the use of office space and locker room facilities have not been finalized.

A member of the UMC staff since 1968, Dr. Markel has headed the UMC women's athletic program for three years. She is also assistant to the chairman of the department of health and physical education and is in charge of McKee Gymnasium.

Markel taught in the Denver public school system prior to the completion of her Ed. D. degree at UMC. She currently supervises a program of eight intercollegiate sports involving seven coaches.

## International events planned

An international bazaar, discussions, coffeeshours and cooking classes highlight the UMC International Student Programs for October.

The schedule of events include:

Oct. 6: International Coffeeshour, "Is Permanent Peace Coming to the Middle East?", 7:30 p.m., Read Hall basement.

Oct. 7: International Cooking Class, features French cooking, 7 p.m., Read Hall basement.

Oct. 10: Hayride and weiner roast at the Bar S. Stables in Rocheport. Meet at 6 p.m., Read Hall parking lot. Cost: \$1.00 per person.

Oct. 11: Volleyball tournament, 3:30

p.m., Brewer Fieldhouse.

Oct. 13: "It's a Small World-Peru," 7:30 p.m., Read Hall basement.

Oct. 18: Table tennis tournament, 3:30 p.m., Rothwell Gymnasium.

Oct. 20: International Coffeeshour: "The Confusion in Portugal — a New Chapter for the East-West Power Struggle," 7:30 p.m., Read Hall basement.

Oct. 21: International Cooking Class-Palestine; 7 p.m., Read Hall basement.

Oct. 24: International Bazaar, 9 a.m.-5 p.m., south lawn of Read Hall.

Oct. 27: "It's a Small World-Israel," 7:30 p.m., Read Hall basement.

All events are open to UMC faculty, staff and their families.

## Obituaries

Harold G. Butcher, crane operator, died Aug. 27. He had worked for the University from Aug. 27, 1956 to Jan. 16, 1975.

Lloyd Graham, carpenter III, died July 9. He had worked for the University from April 13, 1964 to Jan. 6, 1972.

James L. Hill, custodian, died July 1. He had worked for the University from Oct. 27, 1958 to April 30, 1971.

Tilford N. Hyde, assistant foreman watchman, died July 10. He had worked for the University from Dec. 28, 1936 to March 4, 1975.

Willie Martin cook, died Aug. 15, 1975. He had worked for the University from Feb. 11, 1960 to April 23, 1975.

Aaron Monroe, janitor, died Aug. 9, 1975. He had worked for the University from May 5, 1969 to Oct. 1, 1974.

Mary Robnett, secretary to the Board of Curators, died Aug. 22, 1975. She had worked for the University from Sept. 2, 1938 to Sept. 13, 1974.

Charles W. Turner, professor of dairy husbandry, died Aug. 25, 1975. He had worked for the University from Sept. 1, 1919 to Aug. 31, 1969.

# Federal grant expands handicapped facilities



An Apollo laser reader (pictured above) projects an enlarged image of letters and words from a text onto an adjacent closed circuit television screen for partially sighted students. (Below) Dawn Hinshaw (left) transcribes a cassette tape of a French history lecture for Peggy Roodhouse (right).



Library services for blind and severely physically handicapped students at UMC will receive additional equipment, supplies and services under a \$100,000 Federal Innovation and Expansion Grant.

Primary purpose of the UMC Center for the Handicapped is to ensure that UMC students who are blind, paraplegic, quadriplegic or have reading problems such as dyslexia are able to utilize the library resources at the same level as the rest of the campus population.

The one-year grant comes through the Services for the Blind, Division of Family Services, Missouri Department of Social Services. The University and Services for the Blind will provide matching local funds of \$11,111.

The grant will also support planning and development of similar facilities on the Kansas City and St. Louis campuses. The centers on the three campuses will be available to high school students, vocational rehabilitation clients and handicapped persons in the communities.

A fulltime program coordinator, Mrs. DeLaura Lobenstein, will be funded under the grant and have headquarters on the fourth floor of UMC's Ellis Library. Mrs. Lobenstein will supervise expansion of and day-to-day operations of the UMC Center for the Handicapped which was initiated during the 1973-74 academic year.

Mrs. Lobenstein will work closely with library personnel on the Kansas City and St. Louis campuses in establishing services, utilization of equipment and supplies and development of volunteer programs. Staff members of the Services for the Blind will act as resource persons during and after the establishment of the centers.

Facilities in the UMC library include a fourth floor workroom which houses equipment such as typewriters, recorders and tapes and a nearby study center. Four additional small study areas in the library have also been made available.

Braille for the blind is produced by small metal braille slates and braille typewriters. Reference materials in braille include cookbooks; English and foreign language dictionaries; tactile maps, graphs and current magazines such as Readers' Digest, and Psychology Today. The center will soon offer classes for training braille transcribers.

For the partially sighted, the center provides an Apollo laser reader, which projects an enlarged image of letters and words from a text onto an adjacent closed circuit television screen. Projection is either black letters on white background or vice versa. Large-type books are also available.

Lists of tape and braille transcriptions include catalogs from Recordings for the Blind Talking Tapes of St. Louis, which is oriented to recordings for college students and the National Braille Association of Midland Park, N. J. The American Printing house of Louisville, Ky. has a master list of transcriptions available.

On order for the three campus centers is the Optacon (Optical Tactile Converter) which enables the blind to read directly from the printed page.

As soon as the names of UMC handicapped students are received from Donald F. Eggeman, coordinator for handicapped students, the center sends letters to the students requesting their course schedule for the next semester. Instructors are contacted for lists of required books and readings.

The center either orders tapes and braille copies of the books or begins taping books which are not available from transcribing sources. The center stresses the need for early requests from students and faculty cooperation in providing advance lists.

Members of the center's staff schedule volunteers, use of equipment and rooms; order taped and braille materials and

work directly with the students to determine their needs.

Volunteers read directly to students, type papers; conduct any necessary index or library card catalog research and obtain photocopies for those students unable to operate the copy machines. The volunteers also type class notes on braille typewriters and assist students with physical problems such as retrieving books from the stacks.

Both the UMC Center for Student Volunteer Action and student orientation programs provide information about the programs for the handicapped and emphasize the need for volunteers. Volunteers from the community are also referred to the center by Columbia's Voluntary Action Center.

A program of reading for the blind initially began with three prisoners at the Missouri State Penitentiary at Jefferson City. Ellis Library and the UMC Extension Division cooperated in the undertaking which has now expanded into a recording studio at the prison with volunteer readers.

UMC's Center for the Handicapped began in the Ellis Library with funding and staffing provided by UMC Counseling Services and the Office of Student Affairs. Many items of equipment and funds for others were donated by area organizations including Lions International of Columbia, Missouri Union Presbytery and the Delta Gamma sorority.

As the library program staff stated when service to the handicapped was first introduced at UMC, "independence of action with its accompanying independence of mind" continues to be the goal. Independence of study through the Center for the Handicapped at the University libraries is the long-range goal of the center's staff.

Ninety-one severely handicapped students are currently enrolled at UMC which has become a major Midwest center for educating the handicapped through a total of \$700,000 in grants for a five year period beginning in 1959, according to Eggeman. UMC now funds the service as an independent program.

The Missouri State Bureau for the Blind recently funded a College Orientation Program for Blind students at UMC. Under this program, students take courses during the summer session, live with sighted roommates and work with student peer counselors.

Modifications in the library now parallel those in other campus buildings such as elevators with braille symbols; modified rest rooms, ramps and other aids. All new construction will be adapted for the handicapped. Two UMC buses with hydraulic lifts take students from residence halls to classes and campus activities.

Nearly half of UMC's handicapped live off campus in modified apartment complexes or in highrise housing for the elderly and handicapped built by the local housing authority. Handicapped Americans Transportation System (HATS), a non-profit organization, provides the handicapped with transportation around Columbia. Many local merchants raised funds several years ago to lower curbs in the downtown area.

UMC's programs for the handicapped are a direct result of the cooperation among local, state, federal and campus organizations.

## Crafted by UMC alumnus . . .

### Handmade furniture displayed

Hand-crafted furniture by UMC alumnus John W. Kriegshauser will be on display in the Stanley Hall Gallery through Oct. 15.

Kriegshauser, who received a B.A. in economics from UMC in 1970, "drifted around California" before becoming interested in furniture design. He returned to St. Louis pursuing furniture building as a part-time interest while teaching school. After working in several different cabinet shops, he was apprenticed to designer Jerry Green and eventually came to work

at the Kansas City Art Institute as director of the central shop.

Pieces displayed in Stanley Hall include a dining room set and upholstered arm chair of Honduras Mahogany and a stereo cabinet of walnut and oak.

In the artist's own words, his work displays an aesthetic that joins "the flamboyance and luxury of high Victorian and Art Nouveau furniture with sound structuring and machine producibility."

This exhibit is open to the public without charge.

### 'Living with Less' topic of AAUW meeting

A panel on "Economic Facts of Life: Living With Less" will be moderated by Marianne Bonds, acting director of the UMC Center for Economic Education, at the Oct. 21 meeting of the Columbia Branch of the American Association of University Women (AAUW).

The dinner meeting at 6:30 p.m. in Room N208 of the Memorial Union is open to the public.

For meeting times, reservations and applications, contact the membership chairman, Jeannette Winfrey, 708 Eatt Lake Drive, phone 882-2128. AAUW membership is open to all women with at least a bachelor's degree from an ac-

credited institution.

Other 1975 programs include Nov. 18 at the Daniel Boone Regional Library, 7:30 p.m., "Social Implications of Our Diet," moderated by Bonds and open to the public. The monthly programs are part of a public series financed by a grant to the Center for Economic Education from the Missouri Committee on the Humanities, Inc.

The annual Christmas tea will be held Dec. 13 from 2:30 to 4:40 p.m. in the UMC Chancellor's Campus Residence on Francis Quadrangle. The Bell Choir from Woodhaven School near Columbia will perform.

### News-In-Sound

For a brief nightly run-down of cultural events, entertainment features and campus news call News In Sound, 882-7869, produced by the Office of Public Information for the University of Missouri, Columbia.

**Know your curators:****Rex Z. Williams**

Rex Z. Williams, chairman of the board of the Rolla State Bank, was appointed to the Board of Curators by Gov. Christopher S. Bond in May 1975. He was confirmed by the senate the following June 11.

The 66-year-old native Missourian earned B.S. degrees in both metallurgical engineering and civil engineering at UMR in 1931 and 1935. He also holds an M.S. degree in engineering mechanics from the University of Wisconsin.

Williams served as professor of mechanics, chairman of the mechanics department and associate dean of faculty at UMR from 1931-1952. He has also served as district governor of Rotary International; a member of the board of directors of the UMR Alumni Association; UMR treasurer and member of Tau Beta Pi and Phi Kappa Phi honor societies.

Missouri's largest iron pyrite-producing



mine was developed by Williams in 1934 in Phelps County.

**Welcome**

Susan M. Pohlot, receptionist, data processing; Lorene F. Richard, stenographer, cooperative extension; Vickie Danopoulos, senior laboratory assistant, Sinclair Research Farm; Martha G. Dailey, senior clerk, cooperative extension; John S. Speichinger, animal technician, Sinclair Research Farm.

Rex E. Wiggins, extension business specialist, cooperative extension; Joseph A. Weber III, youth specialist, cooperative extension; Ronald E. Stoller, continuing education specialist, cooperative extension; Beth Ann Peters, Home Economist, cooperative extension; Jo Reta Shurtleff, stenographer, cooperative extension.

Sandra Wilson, clerk-typist, office of business management; Sharon L. Surbiers, stenographer, economics; Pamela Sue Perkins, clerk-typist, cashiers office; Karen S. Miley, secretary stenographer, School of Forestry, Fisheries and Wildlife; Terry Elaine Dittman, secretary stenographer, intercollegiate athletic department.

Denise Kay Moccia, accountant clerk, accounting service; Sally Jean Wilson, library clerk II, library; Barbara Ann Rose, clerk typist II, personnel services; Judith Dothage, secretary stenographer, university extension division; Michael P. Smith, research specialist, agricultural dean's office.

Stanley Wright, research specialist, agricultural dean's office; Terry M. Erlandson, library clerk II, Library; Deborah E. Oldham, library clerk I, library; Janet C. Beilstein, library clerk II, library; Jerry E. Spotts, head resident, dorm-Rollins Group.

George Vernon Gouker, janitor, Physical Plant; Susan Von Gremp, secretary stenographer, School of Law;

**Energy program cited**

A summary of UMC's energy conservation program has been selected for inclusion in a booklet published by the Association of Physical Plant Administrators of Universities and Colleges, according to Rex Dillow, assistant superintendent, Physical Plant.

The publication, titled "Energy Conservation Efforts of Colleges and Universities, Volume II, Case Studies," is produced by the APPA under contract to the Federal Energy Administration.

The report points out that in two heating seasons, UMC saved \$288,000 on steam and \$415,000 on electric power. In one cooling season, the savings were \$170,000 on steam and \$152,500 on electric power.

The case study notes the methods used by the UMC Physical Plant to achieve the reductions such as raising air conditioning to 77 degrees, reducing heat settings to 69 degrees, and night-time and weekend shutdown of facilities, temperatures permitting.

Martin Fitzpatrick, head resident, dorm-Johnston; Terry Lou Davis, personnel assistant, Personnel Services; Barbara J. Malecek, food service worker I, dorm-Blair Group; Ellen L. Schroer, stenographer, library.

Cynthia Green, senior accounting clerk, operating budget; Sue T. Troutner, secretary-stenographer, agricultural dean's office; Richard L. Buckley, producer-director radio news, provost for academic affairs; Jo Ann Pursifull, senior secretary, engineering dean's office; Derrick R. Washington, janitor, Physical Plant; Norylen Cason, janitor, Physical Plant.

Leonard F. Kellog, senior computer terminal operator, campus computer center; Kenneth E. Nichols, audio-lighting specialist, Hearnes multipurpose building; James A. Rozier, field test specialist, agricultural dean's office; Dennis A. Palmer, senior laboratory assistant, veterinary medicine dean's office; David E. Wendell, senior laboratory assistant, veterinary medicine dean's office.

Barbara L. Hughes, area home economist, cooperative extension; Jamey L. Jones, area family economist and management specialist, cooperative extension; Larry C. Jenkins, area farm management specialist, cooperative extension; Herbert A. Bruns, area agronomy specialist, cooperative extension; Kathe L. Quigley, area family economist and management specialist, cooperative extension.

Lou Ellen Baur, secretary-stenographer, vice-president of finance and treasury; Judy Ann Allen, educational assistant I, cooperative extension; Mary E. Purdom, area home economist, cooperative extension; Sandra S. Williams, secretary, vice-president for finance and treasury; Deborah B. Miller, secretary, State Historical Society.

Kim Arlene, clerk-typist II, vice-president for finance and treasury; Ervin Ray Glendening, animal technician, Sinclair Research Farm; Carrie L. Holman, educational assistant I, cooperative extension.

Lawrence E. Pirtle, printer III, Physical Plant; Marla A. Riley, secretary, business and public administration dean's office; Paula E. Sutton, secretary stenographer, University extension; Carol A. Thoreson, secretary, American Archaeology; Linda Attaway, secretary, University extension.

Pamela J. Dodson, stenographer, Education; Elizabeth M. Klein, receptionist, veterinary medicine; Patricia D. Hostetler, secretary, University extension; Vickie Sue Hatinas, clerk-typist II Extension.

Eugene Cason, janitor, Physical Plant; James D. Wilkerson, senior computer terminal operator, campus computing center; Tyrone A. Nelson, food service worker II, dorm-Blair Group Food.

**Promotions**

John Stone from groundsman to groundsman II; Barbara Thomas from graduate nurse to staff nurse I; Lola Tinker from chief acctg. clerk to supv. accounts receivable; Donna Turner from stenographer to sec. steno.; Beth Walker from graduate nurse to staff nurse II; Barbara Wolfe from secretary to sr. secretary.

Brenda Worley from addressograph operator to admitting interviewer; Michael Wright from janitor to groundsman; Larry Boaz from animal caretaker to offset operator; Laurel Boeckman from library asst. I to reference spec. I; Allene Davidson from admin. assistant to sr. admin. assistant.

Mary Derryberry from sec. steno. to admin. assistant; Earnestine Enyart from sec. steno. to secretary; Prescilla Evans from library assistant II to acquisition specialist; James Goodrich from manager to asst. dir. state Historical Society; Nancy Harness from clerk typist II to sec. steno.; Kathryn Hays from sec. steno. to secretary.

Goldena Howard from lib. asst. II to reference spec. II; David Mize from offset opr. to asst. pressman; Donald Moore from sr. lab. assistant to sr. research technician; Peggy Planter from lib. asst. II to cataloger; Donald Rose from fiscal asst. to accountant.

Alma Vaughan from lib. asst. I to reference spec. II; Robert Turner from asst. director to dir. Missouri Regional Medical Program District Office; Wanda Vemer from secretary to admin. secretary; Patsy Weiner from library asst. I to reference spec. I.

Linda Anthony, from head nurse to staff development coordinator; Shelley Benney, from graduate nurse to staff nurse II; Allida Branton, from secretary to senior secretary; Carol Bruce, from fiscal analyst to senior fiscal analyst; Linda K. Carey, from senior secretary to administrative secretary.

Barbara Coats, from senior accounting clerk to chief accounting clerk; Sandra M. Cottrell, from staff nurse I to staff development coordinator; Linda Davidson, from secretary steno to secretary; Stephen Davis, from cardiopulmonary technician to perfusionist; Betty Ann Dunn, from accounting clerk to secretary.

Shelly Fisher, from accounting clerk to senior accounting clerk; Regina M. Fry, from clerk typist II to receptionist II; Gayln Sue Hayes, from clerk to clerk II; Virginia Hedrick, from manager to assistant director-housing food service; Donna Herkenhoff, from graduate nurse to staff nurse II; Darlene Himmelberg, from senior clerk typist to chief clerk.

Robert L. Holt, from farm worker I to farm worker II; Donna Hubbuch, from secretary to administrative assistant; Mark Hulse, from foreman-science instruments shop to supervisor-electronics

lab; Joy Ingersoll, from secretary to senior secretary; Teresa Jacoby, from clerk typist to secretary steno; Cheryl Kroha, from chief accounting clerk to fiscal assistant.

Chester Ledbetter, from administrative assistant to assistant to the dean; Frances Lloyd, from file clerk to computer terminal operator; Naomi Magliola, from staff nurse II to head nurse; Marion McKay, from head nurse to staff development coordinator.

Elizabeth Miller, from graduate nurse to staff nurse I; Timothy Neds, from animal caretaker to animal technician; Mary Porter, from senior secretary to administrative secretary; Roxanne Reed, from staff nurse I to head nurse; Theresa A. Rutz, from graduate nurse to staff nurse I.

Susan Schneider, from graduate nurse to staff nurse I; Sharon Smith, from secretary steno to senior clerk typist; Kathryn Tipton, from secretary steno to secretary; Phyllis Vaughan, from clerk to clerk II; Jimmie Ward, from technician to senior lab assistant; Gwendolyn Wilson, from clerk typist II to secretary stenographer.

Bonnie Case, from composition typist to composition coder; Bonita Glascock, from secretary steno to secretary; Sharon Harmon, from administrative assistant to fiscal officer; Michael Kay, from senior radio chemist to senior research scientist; David McKown, from senior radio chemist to senior research scientist.

Charles Pullen, from senior computer programmer to senior computer programmer and supervisor; Roy Thornton, from bindery operator to assistant binderyman; Letitia Volz, from stenographer to secretary stenographer.

**Club sponsors rodeo Oct. 3**

The UMC College of Agriculture's Rodeo Club will sponsor a National Intercollegiate Rodeo Oct. 3-5 at the baseball fields in Cosmopolitan Park.

Participants from the six states which comprise the Ozark region will enter the competition. Starting times are 8 p.m., Oct. 3-4 and 2 p.m., Oct. 5.

Men's events include calf roping, team roping, steer rustling, bareback and saddle bronc riding and bull riding. Women's events will feature barrel racing, goat tying and break-away roping. A special event, wild cow milking contest, will be held for members of UMC fraternities, sororities and dormitories.

Rodeo prices are \$3.00 for adults and \$1.00 for children. Youngsters under the age of five will be allowed in free.

**Safety news and views:****Prevent fires in your home**

October is Fire Prevention Month, making right now a good time to remind ourselves of the dangers connected with fires.

Every 55 seconds . . . that is how often a home fire starts somewhere in America. That is 1500 fires per day! And the problem is not as distant as we would like it to be. Last year, in Columbia alone, there were 167 residence fires, averaging to about one every other day.

Statistics prove a sad point — fires in the home outnumber commercial fires 8 to 1, and worse yet, 4 out of 5 deaths resulting from fire occur at home.

People, and their own carelessness, account for almost all fires that start in the home. A study of where fires are started shows that over half of all fires in the home are started in either the kitchen or the living room. Most of these are the result of built-up grease or careless smokers.

There are a few simple precautions that can be taken to increase the chances for safety should a fire strike your home. The main precaution is having a pre-set evacuation plan that all members of the family know. Keeping emergency numbers close to the phone, making your own periodic safety checks, and having fire extinguishers handy are all simple added safety measures.

There are two rules that must be followed to help you and your family in case of fire. First, and most important, is whenever a fire is spotted or even suspected the first thing to be done is get the family outside and make sure they stay outside. The other simple rule is that all members of the family need to know how to report a fire. Teach children to dial 911 and be sure they know their address.

Let's not limit fire prevention to a month, let's make it a habit.

# News & Notes

The UMC astronomy department is sponsoring a film series this fall on the earth, sun, Milky Way, astronomy and space exploration.

The free films are shown at 7 p.m. Fridays in Room 114 of the Physics Building.

The dates, film titles and subjects are:

Oct. 3 — "Atmospheric Electricity," the phenomena of lightning.

Oct. 10 — "Radio Wave (In the Inosphere)," the story of radio propagation and astronomy.

Oct. 17 — "A Closeup of Mars," Martian photography.

Oct. 24 — "The Living Sun," a solar eclipse mission.

Oct. 31 — "The Crab Nebula," an as-

tronomical Rosetta Stone.

Nov. 21 — "Exploring the Milky Way," a history of the galaxy.

★★★★★

The UMC Friars Chapter of Mortar Board will host an alumnae tea Oct. 25 immediately after the Tigers' homecoming game with Kansas State.

Open to Mortar Board alumnae of any college or university and their guests, the tea will be held from 4 p.m. to 5:30 p.m. in the small ballroom (Room 208) of the Memorial Union.

Reservations are required and must be made by Oct. 10. Information is available by contacting Mary McClure, 306 Hitt St., Apartment 4J.

Fortnightly Club will celebrate the Bicentennial Year with an "Old-time Missouri Play Party" at 7 p.m., Friday, Oct. 3 in Memorial Union N201-202.

Following a dinner of ham and biscuits, entertainment will include bluegrass music of the Little Dixie String Band; fiddling by Taylor McBaine and demonstrations of square dancing, line and progressive dancing.

Tickets, which cost \$2.50 each, may be purchased by sending a stamped, self-addressed envelope to Mrs. George Pinches, 610 Hulen Dr. before Oct. 1.

★★★★★

The Missouri Students Association is sponsoring a "Follow The Tigers"

gridiron trip to Ann Arbor for the Oct. 4 Wolverine-Tiger football contest. Trip tickets are now on sale at the Memorial Union ticket window.

Two 43-passenger buses will depart for Michigan from the UMC Physics Building parking lot at 8 p.m. Oct. 3 and leave Ann Arbor at 11 a.m. Oct. 5 for the return trip.

Open to UMC faculty, staff and their families, the trip costs \$39 (four to a room) and \$45 (two to a room). Only two double-room tickets are available. The price includes transportation, football ticket and one night's lodging at the Ann Arbor Ramada Inn.

MSA will sponsor a second Follow The Tigers trip on Nov. 22 for the K. U. game in Lawrence.

## Calendar of Events

### ATHLETIC EVENTS

Oct. 11: Football: Missouri vs. Oklahoma State, 1:30 p.m., Faurot Field.

### CONCERTS, PLAYS

Oct. 9-11; 13-18: "The Father," University Theatre, 7:30 p.m. For further information call 882-2021.

Oct. 10: Esterhazy String Quartet, 8:15 p.m., Fine Arts Recital Hall.

Oct. 13: MSA Broadway Play "One Flew Over the Cuckoo's Nest," 8 p.m., Jesse Aud. Tickets: \$4, \$3.25, or \$2.50.

Oct. 18: Pianist Alicia de Larrocha, 8:15 p.m., Jesse Aud.

Oct. 26: St. Louis Symphony Orchestra, 7:00 p.m., Jesse Aud.

Oct. 26: Collegium Musicum Concert, 3:30 p.m., Fine Arts Recital Hall.

### CONFERENCES, SHORT COURSES

Sept. 28-30: Missouri Association of Secondary School Principals, Ramada Inn.

Oct. 2-3: 11th Midwest Conference on Endocrinology and Metabolism, Memorial Union.

Oct. 3-4: In-Service Seminar to Improve Teaching Economics, Memorial Union.

Oct. 9-10: 9th Annual Conference on Remedial Reading, Jesse - Union.

Oct. 10: Law Seminar No. 1 at the Ramada Inn.

Oct. 17-Nov. 5: Rapid Reading Sections I, II, III, IV, Ag. Bldg.

Oct. 23-24: Mo. Family Planning Health Council Seminar, Memorial Union.

Oct. 24: Law Seminar No. 2, Ramada Inn.

### DEADLINES, OTHER EVENTS

Oct. 3, 10, 17, 24: Public Telescope Observing, 8:00 p.m., Laws Observatory atop Physics Building (weather permitting.)

Sept. 29: Information deadline for Faculty Bulletin. Send items to 223 Jesse Hall.

### FILMS, EXHIBITS

Sept. 28-Oct. 17: Sculpture by Kenneth Ryden, Stephen Bundy, and Alan Paulson, Fine Arts Gallery.

Sept. 28: Movie: "They Might Be Giants," 7 & 9:30 p.m., Middlebush Aud.

Oct. 1: Ascent of Man film: "Hidden Structure," 7:15 & 8:30 p.m., 204 GCB.

Oct. 1: MSA Movie: "Pat and Mike" in Jesse Aud. at 7 & 9:30 p.m.

Oct. 3: Astronomical Film of the Week: "Atmospheric Electricity", 7:00 p.m., Fridays, Room 114 Physics.

Sept. 25-Oct. 15: Stanley Hall Gallery: "Hand Crafted Furniture" by John W. Kriegshauser.

Oct. 3 & 4: MSA Movie: "Chinatown" in Jesse Aud., 7 & 9:30 p.m. Advanced tickets 75c at MUTW, tickets at door \$1.

Oct. 5: MSA Movie: "Great Northfield Minnesota Raid," 7 & 9:30 p.m., Jesse Aud.

Oct. 8: Ascent of Man film: "Music of The Spheres," 7:15 & 8:30 p.m., 204 GCB.

Oct. 8: MSA Movie: "The Day the Earth Stood Still" and "Village of the Damned" at 7 & 9:30 p.m., Jesse Aud.

Oct. 10: Astronomical Film of the Week: "Radio Wave (in the Inosphere)", 7:00 p.m., Fridays, Room 114 Physics.

Oct. 10: MSA Movie: "King of Hearts", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.

Oct. 11: MSA Movie: "California Split" at 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.

Oct. 12: MSA Movie: "Apprenticeship of Duddy Kravitz," 7 & 9:30 p.m., Jesse Aud.

Oct. 15: Ascent of Man film: "Starry Messenger," 7:15 & 8:30 p.m., 204 GCB.

Oct. 15-Nov. 15: Stanley Hall Gallery: "University Interior Design" by Jay Porter, UMC interior designer.

Oct. 15: MSA Movie: "Brewster McCloud" and "Images", 7 & 9:30 p.m., Jesse Aud.

Oct. 17: Astronomical Film of the Week: "A Closeup of Mars", 7:00 p.m., Fridays, Room 114 Physics.

Oct. 17: MSA Movie: "Touch of Class", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.

Oct. 18: MSA Movie: "McCabe and Mrs. Miller", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.

Oct. 19-Nov. 7: Paintings on exhibition at Fine Arts Gallery by Joe Patrick and Genie Patrick.

Oct. 19: MSA Movie: "Steelyard Blue", 7 & 9:30 p.m., Jesse Aud.

Oct. 22: Ascent of Man film: "Majestic Clockwork," 7:15 & 8:30 p.m., 204 GCB.

Oct. 22: MSA Movie: "Man From UNCLE", 7 & 9:30 p.m., Jesse Aud.

Oct. 24: Astronomical Film of the Week: "The Living Sun," 7:00 p.m., Fridays, Room 114 Physics.

Oct. 24: MSA Movie: "Papillion", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.

Oct. 25: MSA Movie: "Enter The Dragon", 7 & 9:30, Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.

Oct. 26: MSA Movie: "Discreet Charm of the Bourgeoise", 7 & 9:30 p.m., Jesse Aud.

### LECTURERS, SPEAKERS

Sept. 29: International: "It's a Small World—Thailand," 7:30 p.m., Read Hall Basement.

Sept. 29: Lunchbag Seminar: "The Environment & Individual Needs", Helen Roehlke, noon, basement of Gentry Hall. Bring your lunch. Open to the public.

Sept. 30: Department of Chemical Engineering Seminar Series: Mr. Hung Park, "Thermal Transpiration Measurement and Model Comparisons for Molecular-Continuum Transition", 3:30 p.m., Room 37J of the Engineering Bldg.

Oct. 2: Lunchbag Seminar: "Positive Aging," speaker Ms. Share Bane, noon, Women's Center. Bring your lunch. Open to the public.

Oct. 6: Lunchbag seminar: "Fear of Achievement in Women," Barbara Bank. In the basement of Gentry Hall. Bring your lunch. Open to the public.

Oct. 6: Energy Issues and Perspectives Seminar: Pinkney C. Walker, "The Natural Gas Market: Current Problems and Issues", 3:40 p.m., Room S8 of Memorial Union. Advanced registration required. Further information available by calling 882-8256.

Oct. 7: Department of Chemical Engineering Seminar Series: George Preckshot, "Problems in Electrophoresis", 3:30 p.m., Engineering Bldg., room 37J.

Oct. 9: Lunchbag Seminar: "Sex Therapy," Joseph Lamberti, noon, Women's Center. Bring your lunch. Open to the public.

Oct. 13: Lunchbag seminar: "Interviewing Skills & Resume Preparation", Bob Hansen. In the basement of Gentry Hall. Bring your lunch. Open to the public.

Oct. 15: Department of Chemical Engineering, Seminar Series: James Davis, Clarkson College, "Knudsen Aerosol Transport Phenomena" 3:30 p.m., Room 37J of the Engineering Bldg.

Oct. 16: Lunchbag Seminar: "Enjoying Your Singleness," Nancy Hazleton, noon, Women's Center. Bring your lunch. Open to the public.

Oct. 20: Lunchbag Seminar: "The "Superwoman" Concept," noon, Women's Center. Bring your lunch. Open to the public.

Oct. 20: English Lecture Series: Thomas D. Cooke, associate professor of English, "Chaucer's Fabliaux", 8 p.m., Small Ballroom of Memorial Union.

Oct. 20: Energy Issues and Perspectives Seminar: Haskell Wald, "Current Regulatory Issues in Relation to Energy Supply and Demand", 3:40 p.m., Room S8 of Memorial Union. Advanced registration is required. Further information available by calling 882-8256.

Oct. 21: Department of Chemical Engineering Seminar Series: Omar Salam, "Electrochemical SO2 Concentration from Stack Gases", 3:30 p.m., Room 37J Engineering Bldg.



As director of the University High and Elementary Schools from 1904-1923, Dr. Junius L. Meriam (pictured above with one of the elementary classes) developed an educational system based on individual achievements and interests rather than formalized grade-level accomplishments. Members of the UMC College of Education's Bicentennial committee, chaired by Lloyd P. Jorgenson, professor of education, have prepared a commemorative exhibit on Meriam based on a dissertation being written by Eileen M. Quinlan. The picture above is included in the exhibit, which will be on display in the first floor of the Memorial Union during October, and on the south wing of Ellis Library's first floor during November. Meriam's program emphasized normal, wholesome activities experienced by children outside of school.

# Bicentennial theme colors all UMC homecoming events

**Interoffice Memo**

"Ben, who would have believed that it would all come to this?"

Geo. Washington

cc: Campus Columns

The Columbia sod is about to be shaken to its Bicentennial epicenter as tradition quakes and Homecoming '75 launches "A Bicentennial Tribute — Tiger Stars and Stripes Forever."

The MSA Homecoming Committee has planned a chock-filled week of activity to precede this year's clash with the Kansas State Wildcats, set for Oct. 25 with the kickoff at 1:30 p.m.

Typically a busy week for all UMC students, this year's homecoming program promises to add a new dimension to the flurry of activity with the inauguration of the Bicentennial Games.

Divided into three divisions (Red for fraternities and sororities, White for residence halls, and Blue for off-campus units and recognized MSA organizations), the games encourage broad-based involvement and participation, with winners in each of the divisions taking home a traveling trophy.

Tradition faces a slight altering this homecoming. In the past, selection of the homecoming queen was announced the Monday before the "big game." This year, balloting won't take place until the day before the game and selection of the queen will be made at the homecoming luncheon just prior to the K-State game.

Here's a rundown of activities planned for homecoming week '75:

**Monday Oct. 20:** 4:30 p.m. — Marching Mizzou to be featured in kick-off parade through the campus.

7 p.m. — First Bicentennial Contest: Barbershop Quartet. Spirit skits also to be featured. Geology Auditorium.

**Tuesday, Oct. 21:** 4 p.m. — Second Bicentennial Contest: Paul Revere Piggyback Riding, play field behind Rollins Group.

7 p.m. — "Columbia Sings," featuring patriotic songs with singing by Columbia high, junior high and elementary school students. The program is jointly sponsored with the Mid-Missouri Bicentennial Commission.

**Wednesday, Oct. 22:** 4 p.m. — Third

Bicentennial Contest: Ben Franklin Kite Flying, play field behind Rollins Group. 7 p.m. — Homecoming movies, site not finalized.

**Thursday, Oct. 23:** 4:15 p.m. — Fourth Bicentennial Contest: George Washington Cherry Pie-Eating, mall area between General Classrooms and Arts & Science buildings.

Rally Night — Small groups from Marching Mizzou, cheerleaders and pom pon girls to stage mini-rallies at various Columbia business establishments.

**Friday, Oct. 24:** 6:30 p.m. to 8:30 or 9 p.m. — homecoming decorations judging.

8:30 p.m. — Snake dance begins at Kappa Alpha fraternity house and winds through Greek Town, ending at Stankowski Field with a giant pep rally complete with bonfire. Bob Broeg, St. Louis Post-Dispatch sports editor and Homecoming grand marshal, to speak. A dance will follow in Rothwell Gymnasium. Admission: \$1.

**Saturday, Oct. 25:** 9 a.m. — Homecoming parade. Designated as Mid-Missouri's official Bicentennial Parade by the Mid-Missouri Bicentennial Commission, the parade will begin just north of Stadium Road on Providence, turn east at Kentucky Boulevard, north at Richmond Ave., east on Rollins Street, the north on Hitt Street to Broadway and west on Broadway to Sixth Street.

New at this year's parade is the judging of the top participating high school marching band.

10:30 a.m. — Homecoming luncheon, Hearnes Multipurpose Building. — Mini-Mizzou will perform and the homecoming queen will be announced. Tickets for the luncheon are available from the UMC Alumni Activities Office, 312 Jesse Hall, for \$3.25 apiece. Tickets must be purchased in advance.

## Carpool

Ride home wanted from Lewis Hall to Valley View daily at 5 p.m. Please call Clara Williamsen at 882-4591.

Other UMC employees who need a ride or riders may contact the Campus Columns editor for publication of such information, including destination desired.

## UMA enrollment remains open to interested participants

Enrollment remains open for persons who wish to enroll in the courses offered through the University of Mid-America (UMA) program.

The UMA program is specifically geared for those people who find it impossible or impractical to attend classes offered on a college campus.

The University began its UMA participation this fall by offering two courses for three hours of college credit each: Accounting I and Introduction to Psychology. Learners may elect, however, to enroll "not for credit" at a reduced tuition charge.

Instructional resources employed in the

courses include weekly television broadcasts, weekly newspaper components, audio-cassettes, study guides and and textbooks.

Although the weekly broadcasts started on Sept. 3, learners who enroll now may view any of the broadcasts already aired at the Learning Center, Arts & Science room 36, with the use of one of several video-cassettes available at the center. The Learning Center is opened for UMA students in the evenings, and on weekends as well as during the day.

Further, UMA students may, at any time, view or review any of the television broadcasts at their convenience. This enables learners to proceed at their own pace rather than be limited by the weekly television schedule.

UMC faculty members participating in the program are Fred McKinney, professor of psychology and Eugene L. Zieha, professor of accounting.

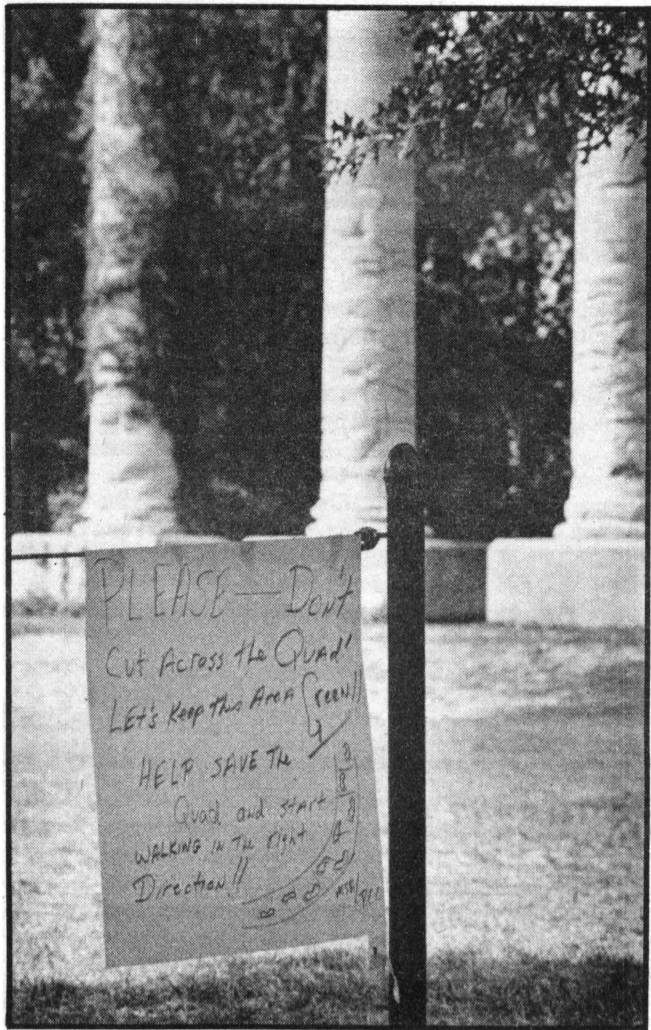
Both Accounting I and Introduction to Psychology are fully approved for eligible UM employees to receive educational assistance benefits from the University.

Informational materials and registration forms may be obtained from Lynn W. Martin, director of Intercampus Instruction at UMC and state coordinator for UMA in Missouri, and from Mrs. Mary Jo Darnell, assistant coordinator. They can be reached at the UMA offices on campus, 429 Clark Hall, 882-6579.

Fulltime permanent employes of the University will be allowed to use the Educational Assistance Program for courses offered for credit through the University of Mid-America, according to Donald C. Zick, manager of employe training and development.

Zick adds that employes may not use the program to take courses which do not carry college credit.

Since employes register at and make payment to the University, there are no different procedural details. Employes should complete form UMUW 84-1 and submit the cashier's copy upon payment of fees.



The MSA Pedestrian Campus Committee and the UMC Business Office recently erected temporary fencing barriers and posters at the southeast and southwest corners of Francis Quadrangle in an attempt to encourage all pedestrians to use the sidewalks. Continued pedestrian crisscrossing is ruining the grass in the quadrangle. Worn spots may eventually have to be turned into concrete sidewalks if the crisscrossing continues.

## How United Way works

(Editor's Note: the following is part of a series of articles on the United Way of Columbia which were prepared by the organization's staff. Campus Columns is carrying the series in an effort to better inform University employes about United Way functions.)

It isn't just anybody who gets to spend the United Way's money. Rather it is the volunteer board members and workers who give their own time and energy to determine that United Way dollars are spent carefully and properly. There are 33 volunteer United Way Board members, another 50 men and women who serve on the standing committees and more than 600 people who work on the annual fund raising campaign.

The Plans and Priorities committee members are charged with assessing the need for human services in the community, understanding all the programs and services of the member United Way agencies and recommending priorities for the allocation of funds raised.

The Budget Committee has the grueling task each year of telling the agencies that there isn't as

much money available as they need. This conscientious group of dedicated citizens assess each agency's requests on an individual basis prior to determining the dollar allocations which will be distributed.

The Communications committee worked to show the need we have as a community for the health, rehabilitative, counseling and character building services which are provided by our United Way.

Jim McKinney, vice president of Boone County Bank took on the job as 1975 Campaign Chairman. He determined to visit every agency of the United Way so he will really know what he is talking about when he and his campaign team go to the public next October and ask for the contributions which will allow the United Way agencies to provide vital service programs for another year.

The United Way volunteers spend 12 months a year collecting funds, evaluating services and allocating those funds for the programs which make our community a better place to live. If you are interested in helping the United Way call us at 443-4523 and we will find a job for you.

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# Referral service aids persons with problems

UMC has initiated an Employee Assistance Program (EAP) for all part-time and fulltime employes and their families under a 12-month \$134,000 renewable grant from the U. S. Department of Health, Education and Welfare.

A multi-faceted project emphasizing community-based treatment, the voluntary program offers referral service

where professional help is needed in solving persistent personal problems of the employe or a member of his family.

In businesses and universities which have had experience with EAP projects, the majority of referrals are for marital, financial, legal and alcoholic counseling, with about 40 to 50 per cent of the referrals alcohol-related.

"EAP is an early intervention program that we hope will prevent present difficulties from becoming major problem areas," said Dr. Richard Thoreson, project director and professor of education. "The University recognizes its obligations to valued employes."

He said that for similar programs developed in private industry, supervisors made the majority of referrals, but that the UMC program encourages the employe to initiate self-referral.

Studies conducted on EAP projects by private enterprise show that the employes participating in the program had worked for their companies an average of nine years and the company had a substantial financial investment in their future.

"Unless you have a system set up that is active and provides a simple, direct way into the community agencies, employes just don't seek assistance," Thoreson explained.

As currently structured, primary referrals will be made to the EAP office in Room 215 of the Professional Building. After an EAP professional and employe define the problem area, the employe or family member will be referred to the proper agency. All referrals are kept in confidence.

Thoreson has presented the program to the faculty council; further programs are being prepared for administrative, service and support divisions.

Follow-ups in 300 companies that have the program have shown outstanding results, Thoreson concluded. EAP program participants successfully completed counseling in 80 to 90 per cent of the cases.

Additional information on the EAP project is available by calling 882-6701.

## Credit union offers life insurance plan

The Mizzou Employees Federal Credit Union is now offering a term life insurance policy at group rates. Employes of the University System and affiliated agencies are eligible for membership.

Literature describing the insurance program is available at the credit union office, 909 University Ave. or by calling 449-3951.

The credit union currently has about 3,000 members.

## Dingle to head committee on women's status

Mona Dingle, professor of economics, will serve as chairman of the 1975-76 Committee on the Status of Women recently appointed by Chancellor Herbert W. Schooling.

Subcommittees and members include: Academic, Joye Patterson, associate professor of journalism, chairman; Barbara Bank, assistant professor of sociology; Joan Doherty, associate professor of education; Stewart Smith, librarian IV and Luverne Walton, assistant provost for academic affairs (ex-officio).

Student, Sharon Pope, assistant director, Center for Student Life, chairman; Gail Ginder, program advisor, Women's Center; Jennifer Hill, program advisor, Center for Student Life; Helen Roehlike, counseling psychologist, Counseling Services; and Virginia Wheeler, instructor in education.

Non-academic, Martha Jo Martin, research associate, rural development, chairman; Anne Baber, assistant director, alumni and development communications; Karen Cahill, secretary-steno, medical center; Patsy Higgins, administrative-secretary, business office; Raymond Lansford, director, Business and Public Administration educational services; Martha Magill, academic advisor, arts and science dean's office and Ramona Howard, personnel officer (ex officio).

The committee is interested in communication with academic, non-academic and student women. Any member of the committee will be willing to talk with any member of the UMC community concerning problems of which the committee should be aware.

Subcommittees will appoint task forces to work on a variety of problems including educational and career opportunities at UMC, discrimination, staff benefits and the status of part-time employes. Those interested in serving on a task force in one of these areas should contact a committee member.

## Formal grievance procedure: A way to resolve problems

The formal grievance procedure's primary purpose is "to provide an orderly means to resolve problems or misunderstandings between management and its employes," according to R. Kenneth Hutchinson, UMC Employee Relations Officer. Hutchinson sees his role in the process as insuring that an issue receives a fair and impartial review.

Hutchinson notes that common complaints that are reviewed include: discharge or reprimands, denial of promotions or transfers, wages or salaries, work assignments, holiday, vacation or sick leave benefits.

If an employe thinks he has a grievable situation and is unsatisfied after discussing it with his immediate supervisor, he may originate a grievance within five days of the date the grievance occurred, by explaining the facts of the situation in writing to the proper superintendent or department head. A response by this official must be made in

writing to the employe within five working days.

If the employe is unsatisfied with this response he may submit an appeal to the University Grievance Representative or his designee, UMC Employee Relations Officer Ken Hutchinson.

At this point Hutchinson sets up a meeting between the employe, and his/her representative, the supervisor or department head and himself to discuss the facts. Within five working days after this meeting, Hutchinson will respond with his decision on the issue.

"In some cases my role is to serve as an interpreter of policy," Hutchinson explains. "We have to take a look at the entire picture by reviewing the past practices at UMC, reading arbitration decisions with similar circumstances and trying to develop a feel for what is generally accepted. Most issues require a good deal of research before a response is made to the employe and the department

# campus columns

## UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 7, No. 3

Wed., Oct. 22, 1975

## United Way cards distributed as UMC aims for \$90,600

UMC's goal in the 1975-76 Columbia United Way campaign has been set at \$90,600, according to Provost for Administration John McGowan, associate chairman of United Way. The goal is \$6,600 more than last year's goal.

"Fair share" cards have been distributed to all employes. United Way chairmen hope to reach goal before Thanksgiving.

Divisional goals and chairmen include: UMC Campus, \$61,000, Rex Campbell, professor of rural sociology; Medical Center, \$17,500, Jerry Royer, associate dean of the School of Medicine; University-wide, \$7,200, Jim Weaver; University-wide assistant comptroller and Retired, \$4,900, Ralph Bedell, professor emeritus of education.

UMC campus area and captains include: Administration, Judy Comee, Duane L. Hombs, Col. James Johnson, Emmett Klinkerman, Administration and Public Affairs, Nylen W. Edwards; Agriculture, Ralph Rogers; Alumni Relations and Development, Wanda Heisler; Arts and Science, Richard L. Dykstra; Athletics, Don Kelly; Education, Lorraine Hilgedick and Ruby Jo Blymen.

Engineering, Charles W. Farquar; Extension, Pat Delong; Graduate School, Kathleen C. Heck; Home Economics, Arthur McArthur; Journalism, Ruth Bratek; Law, Jack Edwards; Library and Information Science, Rita Gorski; Student Affairs, Gail Greene; Social and Community Services, George F. Nicholas; and Veterinary Medicine, Patty Gottschalk.



UMC United Way captains discuss the current campaign. Shown from left to right are James Johnson, assistant registrar; Rex Campbell, professor of rural sociology; Gail Greene, fiscal assistant, student affairs and Beth Chapman, associate director for communications, United Way of Columbia.

Federal Mediation and Conciliation Service. One-half of the cost of this person's services is paid by the University.

Hutchinson emphasizes that an employe may choose another person to serve as spokesman for representative and explain and give support to the employe's complaint at any time during the grievance procedure.

"Although the steps may seem formal," Hutchinson states, "I hope that all employes (administrative, supervisory, technical, clerical and other service and support staff) will be encouraged to use the procedure whenever they feel aggrieved."

"The way I look at the grievance procedure is that if everyone doesn't come out with a belief that fairness has been applied to each problem, whether the employe or supervisor has prevailed, the procedure has not been a complete success," Hutchinson summarizes.

head."

In any cases which are appealed past the Campus Office of Employee Relations, Hutchinson must support the decisions he made. If the University grievance representative, A. Lee Belcher, assistant to the president, concurs with Hutchinson's opinion, then the matter may be appealed to a grievance committee.

This particular committee will be composed of a member designated by the employe or his/her representative; a member designated by the University; and a third member, agreed upon by the other members, who will serve as chairperson. The third member usually is not associated with the University.

Any decisions made by the grievance committee may be reached upon the concurrence of any two of the three members, according to Hutchinson. The third member is usually, but not required to be, a professional arbitrator selected from a list of arbitrators supplied by the

# Hayes Study classifies 1,300 UM positions

The classification and compensation salary study of University administrative and professional staff which Robert H. Hayes and Associates, Inc. is conducting with the University "will identify and classify each type of work," according to Lynn Churchill, University-wide manager of wage and salary administration.

The study began in May when some 1,300 exempt employees at the four campuses and University-wide filled out an 11-page questionnaire on their jobs. The questionnaires were reviewed, analyzed and condensed into about 600 classifications by University-wide personnel and the consultants.

The study covers only those jobs outside the academic arena which meet the exempt status tests of the Fair Labor Standards Act. The Advisory Committee also assisted in reviewing positions included in the study and recommending employees to serve on the nine Functional Evaluation Committees which include: Agriculture - educational media; computer - research; fiscal; general administrative; health services; information - development - library; auxiliary activities - police - purchasing; physical plant; and student services.

Hayes and Associates, a Chicago-based management consulting firm, is assisted in the study by three categories of committees composed of UM employees: Advisory Committee, Benchmark Committee and nine Functional Evaluation Committees.

**"... through a series of successive refinements, ultimately we arrive at what we believe is the best expression of each type of work."**

Members of the Advisory Committee were selected from "people who we felt could lend real expertise in deciding the broad parameters as well as the specific procedures of the study," Churchill said. "We tried to look for people who represented as many viewpoints as possible."

Advisory committee members were recommended by campus personnel officers and chancellors. Representatives of campus and University-wide personnel administration are serving on the committee in ex-officio capacities.

Representatives on the 24-member Benchmark Committee, which just completed "benchmarking" jobs within the nine functional areas, were selected from personnel suggestions and volunteers. Churchill notes that the nomination of some members were "requested specifically because of their expertise, evidence of campus leadership and participation in other campus committees."

Churchill stresses that "an effort was made to achieve a mixture of organizational levels as well as representation of women and minorities on both the Benchmark Committee and the nine

Functional Evaluation Committees." Nominations for these committees were also reviewed by the chancellors.

"Benchmarking jobs is like making marks on a ruler — they will be used as points of reference in the evaluation of all other jobs," Churchill said. "The committee rated classifications which reflected the high, middle and low of each of the nine functional areas."

The classification specifications, which are now in the hands of the Functional Evaluation Committees, include a brief statement of the general function of the job, list of characteristic duties, supervision received and exercised, and entry qualifications required for the job.

"It is a characteristic of administrative and professional positions that there tend to be more single incumbent (one of a kind) types of jobs," Churchill points out. "There are always what appear to be a surprising number of 'one-on-one' type of job situations. This is due to the fact that we are divided geographically into four separate campuses and that different campuses have evolved along somewhat different paths."

More than one-third of the 600 classifications cover "single incumbent" jobs, according to Churchill. Each classification covers an average of 3-5 University positions. Among the most populous classifications are Administrative Associate, Information Specialist and first-line supervisory positions.

The five to eight classifications which have been benchmarked in each area represent different levels, areas and campuses. The functional evaluation committees must evaluate classifications and establish the relationship between classifications.

"The whole process may be thought of as a method of 'focusing' . . . trying to determine what is really involved in each job," Churchill said. "People who know the job or work in the area will criticize each of the tentative classifications and through a series of successive refinements, ultimately we arrive at what we believe is the best expression of each type of work."

Churchill said that this requires "a lot of give and take between those who are very familiar with the job and those who aren't. Sometimes we discover that we have come up with two classifications which really aren't that different or perhaps vice versa — then it is back to the drawing board."

Although the evaluation committees will revise the classifications and perhaps toss out a few and write some new ones, Churchill thinks that the total number of classifications will still remain at approximately 600.

A survey of federal and state government, other universities and some businesses will be conducted to determine the competitive salary levels of about 50 of these classifications.

This survey, which will be conducted concurrently with the Functional Evaluation Committees' work, will include classifications representing the depth and breadth of each functional area. Considerable emphasis will be given to the population of the classifications in determining which need to be surveyed.

"We couldn't possibly survey all 600 classifications because we couldn't get enough outside institutions to respond to a survey that long," Churchill points out. "Many of the classifications surveyed will be those which have been benchmarked."

Churchill said that Hayes and Associates will probably recommend 18-20 different salary ranges for the 600 classifications. Since each classification will be "scored" by the functional evaluation committees, it will be "relatively easy to fit most of them into the appropriate salary scale as there is a tendency for classifications to cluster."

**... a side benefit of the study will be "clearer definition of University career paths, which will be more visible and easier to understand."**

"Basically what the University is securing from Hayes is their management expertise and their copyrighted point-count system," Churchill said.

The Hayes point-count system, which will be used by the Functional Evaluation Committees, involves a 37-question form covering three different job facets — entry qualifications; impact or effect on the institution's mission; and characteristics

of work activity. The latter category includes supervision received and exercised, working conditions, job content and personal interaction."

Members of the Functional Evaluation Committees will rate each classification by answering the questionnaire without knowing the numerical values established for each answer.

Committee members will ultimately use computer printouts of the classifications' numerical rank in finally establishing how the classifications relate to one another. The computer will also provide sub-totals for each area within the classification.

Churchill hopes that a side benefit of the study will be "clearer definition of University career paths, which will be more visible and easier to understand."

The last phases of the study include a "double check" of the Functional Evaluation Committees' work by the Benchmark Committee, a management review, recommendations to the University Cabinet and implementation.

"We realize that implementation may be a slow process," Churchill cautions. "We expect that there will be some period of adjustment." He stresses that the top priorities in implementation will be to get those employees who are earning low pay for their classification up to at least the minimum rate established for their classification and to eliminate any other apparent inequities based upon the evaluation.

"Implementation will, of course, depend to a considerable extent on available funds," Churchill comments.

## Twenty-six UMC staffers join study's evaluation committees

Twenty-six UMC employees have been appointed to the nine Functional Evaluation Committees of the classification and compensation salary study of UM administrative and professional staff, according to Lynn Churchill, University-wide manager of wage and salary administration.

Robert H. Hayes and Associates, a Chicago-based management consulting firm, is conducting the study of 1,300 exempt positions for the University.

The Functional Evaluation Committees, which begin work on the third phase of the study in late October, will meet two days a week for approximately five weeks. Each committee will evaluate about 65 classifications and establish a ranking system. The committees will also determine the relationship between classifications within the same areas.

Some 1,300 questionnaires which were filled out by UM administrative and professional staff members on the four campuses and University-wide in May have been "boiled down" to approximately 600 classifications, according to Churchill.

Members of the committees were selected from volunteers and campus personnel officers' suggestions. Committees and appointed members include:

**Auxiliary Activities-Police-Purchasing:** Robert Brock, director, Memorial Union and Commons; Jack Uhler, associate director, housing.

**Physical Plant:** James Beckett, assistant superintendent, Physical Plant; Bill Rainbolt, maintenance foreman; Barbara Hagan, senior personnel assistant.

**Student Services:** Lynn Jenison, assistant dean of student affairs; Harold Condra, director, housing.

**General Administrative:** Barbara McDonald, senior administrative assistant; James Oglesby, coordinator, space and facilities; Connie Wood, supervisor, wage and salary; Barton Boyle, associate director, ambulatory services;

**Health Services:** Kate Rasmussen, administrative dietitian; Curtis Hunt, instructor, manager, pathology labs; Ken Duncan, assistant director, hospital;

Richard Lowe, assistant director, hospital.

**Information, Development, Library:** Nancy Prewitt, associate director, Western Historical Manuscripts; Steve Shinn, director, Alumni Development Communications; John Rhein, assistant director, Office of Public Information.

**Agriculture-Educational Media:** Don Mitchell, director, Academic Support Center; Homer L'Hote, assistant director, Agriculture Experiment station; James Reid, senior fiscal officer; Tom Gray, general manager, KOMU-TV.

**Computer-Research:** Barbara Woodward, technical services supervisor; another member will be named.

**Fiscal:** Gary Zwonitzer, manager, operating budget; Becky Jones, assistant to provost, budget analyst; Cecil Bennett, director, fiscal affairs.

To maximize input, employees are encouraged to contact their representative in the appropriate functional area.



Two students practice making pottery at the MSA Craft Studio. The studio, which conducts different classes, is open to all members of the UMC community. Hours are 2-10 p.m. Sunday to Friday and 10 a.m. to 5 p.m. Saturdays.

### CAMPUS COLUMNS

Campus Columns is published monthly except July and August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office: 882-6211.

For change of address, obtain W-4 Form from departmental office, fill out entirely, and send to Payroll Office, 16 Jesse Hall. Editor: Anne D. Robinson

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## Personnel officer lauds UMC's professionalism

Equipped with a bachelor's degree in psychology and a master's degree in education, UMC's new personnel officer, Ramona Howard sought a position in an academic environment because she wanted to put her talents to use "working for an organization with educational goals."

The former executive placement manager for Famous-Barr Company in St. Louis, who was appointed to the UMC position in August, is now responsible for employe recruitment and affirmative action, wage and salary administration and staff benefits.

"I am very positively impressed by the professionalism I see in the way in which the University handles personnel matters," she said enthusiastically. "I think that excellent groundwork has been established for whatever I can contribute to strengthening the role of personnel."

"As anyone in the field of personnel, I am deeply concerned with providing equitable employment opportunities for everyone," Howard states. "I see the responsibility for achieving this as a major role for Personnel Services."

Howard commends individual interest groups such as the Affirmative Action Council and the Committee on the Status of Women for their "fine job in helping to point out any existing inequities."

"I hope to continue working with these and other groups of concern so that my office can shoulder the responsibility of providing equal opportunities," Howard said adding that she hopes these groups will be able to direct their efforts to "sensitizing" the campus to how discrimination affects employes.

"I have found a real lack of awareness, on the part of some people whom I have met, in regards to racial and sexual issues as they pertain to employment," Howard admits.

She notes that this lack of awareness is "probably not stemming, for the most part, from overt prejudice or typical bigoted feelings, because this is too much of an intellectual arena for that kind of short-sightedness."

"Instead, I think that our problem in understanding different sexes and races

comes from a lack of awareness as to where the other person is coming from," Howard claims.

She emphasizes the importance of the Hayes' study of administrative professional positions as having "a positive effect on employment practices and facilitating internal promotions as well as providing guidelines for salary decisions."

"I am also pleased with the goal of FISP (Financial Information Systems Project) which is to condense all personnel, payroll and accounting data into one common data base," Howard said. "I think that my staff will be able to function more effectively with the analytical details FISP will encourage us to develop."

Howard initially became interested in personnel work as an "appropriate outgrowth" of her psychology major and began as a training supervisor for Famous-Barr in 1962.

She found the training and development part of personnel work to be "an exciting area which offered a creative and innovative type of challenge."

"In general, if you want to be immersed in an organization's direction, personnel is one way to become so," Howard said. "Any organization needs to rely on personnel's aid and support in achieving objectives."

### Howard to discuss careers for women

"Careers for Women at the University" is the topic of a speech which Ramona Howard, UMC Personnel officer, will give to interested employes at 12:10 p.m., Tuesday, Nov. 11 in the Memorial Union Auditorium.

Howard's speech is sponsored by the Non-Academic Subcommittee of the Chancellor's Committee on the Status of Women. The subcommittee encourages campus women and men to attend lectures and speeches during AWS Women's Week, Nov. 10-14.

## News & Notes

The UMC Museum of Art and Archaeology announces the opening of its second exhibit in a series marking the Nation's Bicentennial.

A nearly complete collection of large cent coins shows the different types of designs that were used, beginning in 1793, when the U. S. Mint at Philadelphia opened, and continuing through 1857 when the production of large cents was ended. Included are examples of the early "Liberty Cap" type, the "Draped Bust" and "Classic Head" types, and the "Coronet" type which was the last major change in the series.

This display is made possible by a gift to the museum from the Thomas Ollive Mabbott Collection. The museum's first exhibit of Paul Revere silver casters may also still be viewed, as well as other selections from the permanent collections.

The early American coins will be on display for several months. The Museum is located on the fourth floor of the Ellis Library and is open daily from 2 to 5 p.m. There is no admission charge.

★★★★★

Jay Porter, UMC interior designer, will exhibit blueprints of jobs done for the University and freelance clients, until Nov. 15 in the Stanley Hall Gallery.

Porter, who received a B.F.A. from the University of Kansas in 1963, worked for the interior design firm of Duff and Repp in Kansas City before coming to UMC, where he has been for ten years.

The exhibit, Porter says, will illustrate the "practicality of interior design." His working drawings, "realistic in format," will show students of design what to expect in the working world.

### Carpool

Employe wants to join carpool back and forth from New Franklin to Agriculture Building daily. Please call John Phelps at 882-6237.

Other UMC employes who need a ride or riders may contact the Campus Columns editor for publication of such information, including destination desired.

When the sod over the affected area is in place, UMC will have completed a storm sewer installation designed to improve campus drainage and eliminate back-up problems in the Jesse and Swallow halls areas.

The \$21,400 job consisted of installing 15-inch sewers on the east side of Francis quadrangle from Jesse Hall to the journalism complex. Financing was from legislative capital improvement appropriations.

Thornton D. Jenkins, superintendent of the UMC physical plant, said that the area will be sodded and restored to its original appearance "any day now." Bernies Excavation Co., of Kansas City, Kan., had the contract for the installation, which connects to other lines draining other areas of the campus.

★★★★★

John W. Sweeney, director of the UMC Development Fund, published an article on fund raising titled "Where There's a Word . . ." in the October issue of "Currents," a bulletin of the Council for Advancement and Support of Education.

Sweeney has been head of the Development Fund since 1957.

★★★★★

John V. Fricke, a UMC electronic technician, recently graduated from DeVry Institute of Technology in Chicago. The institute belongs to Bell and Howell Schools' nationwide network of institutes of electronics technology.

Fricke specialized in home entertainment electronics systems.

★★★★★

Richard Bailey, assistant manager and music director of KBIA radio, has been elected president of the National Music Programmers Conference for Public Radio. His election came at the group's national conference in Washington, D. C.

Bailey has supervised KBIA's music programming since the station went on the air 3½ years ago. In his elected post he will direct the professional improvement program for music directors of some 70 non-commercial public radio stations in the country.

## Management engineering aids Medical Center's efficiency

A little-known department called "Management Engineering" is extremely important to the daily functions of the UMC Medical Center.

The industrial engineer — sometimes called the "efficiency expert" — is now known in hospital work as a management engineer. He deals with exact sciences such as math and physics as well as people.

Dan Marren directs the Medical Center's department which includes Nai-Cheng Wang, senior management engineer; Lyle Stockton, senior systems analyst; Drew Taliaferro, management engineer; Art Smith and Lou Knifong, graduate research assistants; and Linda Maddox, department secretary. Marren, who has been at the Medical Center for six

months, is involved in projects designed to improve the efficiency in operating UMC's largest single unit.

Initial planning of an automated admission system for patients has been completed and a detailed system design to implement the system is in progress. Marren points out that this represents "a major team effort between management engineering and the Computer Center."

Another major project which the Management Engineering department is tackling is the relocation of some areas in Rusk Rehabilitation Center to reduce transportation problems and make access more available.

Also, on the recommendation of the management engineers, equipment has been ordered to assist with loading and unloading linen from delivery vehicles. Other changes in this procedure will reduce the linen cycle time from five to three days. This means that less inventory of sheets, pillow cases and other linens used on the more than 400 beds is required. Related student studies have focused on different methods of folding linens, tensile strength of fabrics, soap powders and bleaches.

The management engineering team also worked with nurses to study the best ways of staffing nursing units to give patients optimum care.

"The Management Engineering Department is a resource to all in the Medical Center," Marren notes. He adds that any department with a problem is encouraged to bring it to their attention.

### Budget booklets available at Ellis Library

The University's Budget Appropriations Request booklets for 1976-77 are now on reserve in the Undergraduate Library, room 109 of Ellis Library.

Those interested may look at the booklets during the library hours which are 7:30 a.m.-10:50 p.m., weekdays; 8 a.m.-4:30 p.m. on Saturdays; and 2 p.m.-10:50 p.m., Sundays.

# 'Show and Tell': A way to teach good nutrition

"Show and tell" long has been a favorite way of learning about things. The demonstration method — a kind of "show and tell" — seems to work equally well for limited resource families in learning good nutrition.

Those who do this kind of showing and telling among their neighbors in several Missouri communities are known as Nutrition Education Assistants (NEA).

They are taking part in an innovative project, the Expanded Food and Nutrition Education Program (EFNEP) of the University of Missouri, headquartered at the Columbia campus. The EFNEP program operates in 13 extension units in 65 counties, St. Louis and Kansas City.

Basic goal of the program is to help limited resource families with children to improve the nutritional quality and adequacy of their diet.

At the heart of the EFNEP program are the visuals — pamphlets, flip charts and handouts — simple illustrated guides to nutritional meals for the family — adults and youth; ways to manage their resources, care for food, to control pests and pets, even how to have a "safe" picnic without danger of illness from spoiled food.

In-depth training includes management of food resources, nutrition, youth programs and human relations. And the key person in passing this information along are the Nutrition Education Assistants.

Average age of the NEAs is about 40. They usually have completed grade school. Many, encouraged by the helping roles they play in working with their neighbors, become eager to continue their education. They finish high school by studying at night and obtaining the General Education Diploma (GED). Some go on to take college courses and a few are able to return as assistant teachers in local programs.

How busy NEAs can be was shown in a

summary of one area nutrition program. There, 12 NEAs made more than 700 home visits in a year, held nearly a hundred group meetings, and enrolled 574 families in programs involving more than 1700 children.

Missouri's 164 Nutrition Education Assistants are supervised and trained by 16 home economists and one program coordinator. The home economists in turn receive training in supervision from specialists, many of whom are members

of UMC campus division. Among these are Dr. Ann Hertzler, food and nutrition specialist, and Charlotte George, family economics and management specialist. Director for the EFNEP program is Hugh Keith.

After learning and working with their neighbors, the NEAs are introduced to training in the use of family resources — taken to mean the homemaker herself and members of her family. This involves the management process and includes the relative importance of various homemaking tasks and budgeting for food, clothing and housing.

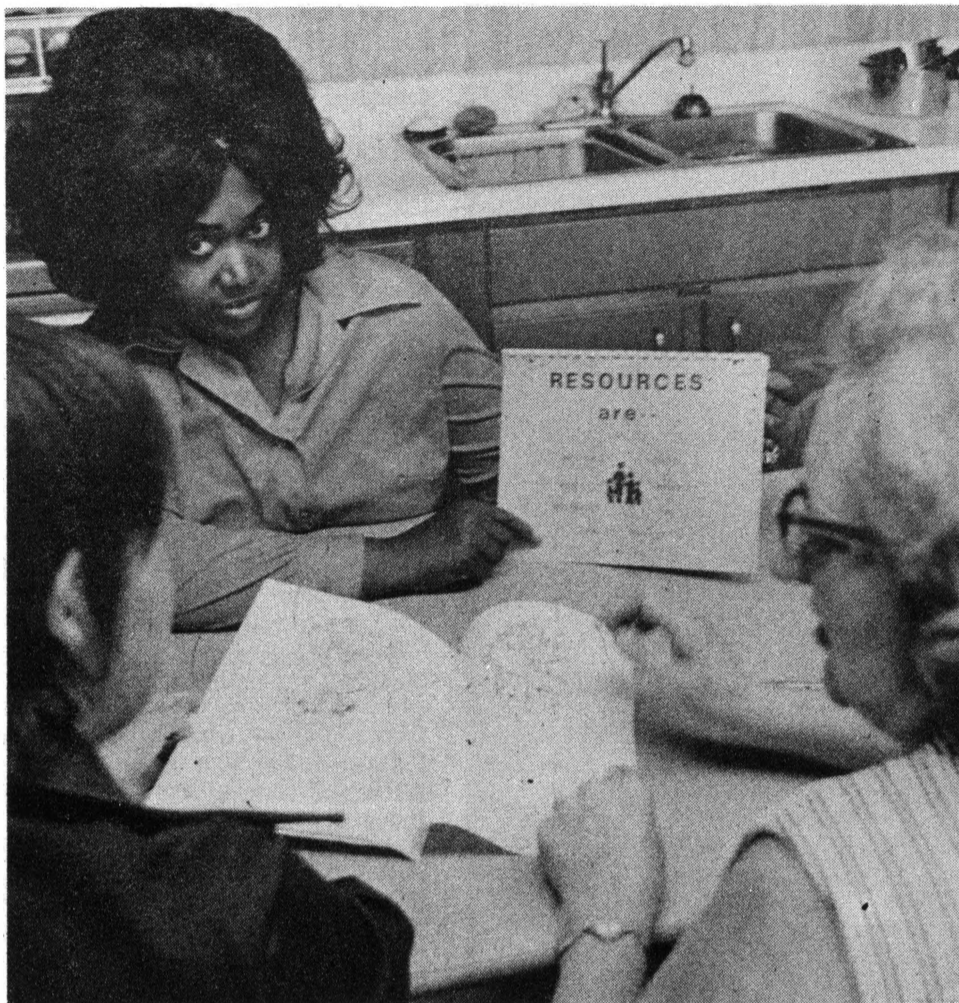
Evaluations, such as those done by Hertzler and George, show that the paraprofessionals can be effective in reaching poor families. They know the people with whom they work — in cities or rural communities — and know their problems.

Discovering through their evaluations that the NEAs needed help in understanding principles of food management, food buying skills and decision-making, George made use of a self-study guide she had developed. The guides takes into account a limited reading ability.

Participation by the NEAs in the self study was voluntary. Not only did their information scores rise from 15 per cent to 80 per cent, but the NEAs began using their self-study guides for reference in working with families. And the NEAs were able to do objective interviewing for the evaluation of the entire project on family resource management.

Hertzler also developed special materials, including a flip-chart on nutrition for the pregnant woman.

The Missouri EFNEP project is one of four state programs in family resources management. Missouri pilot project materials have been put together and made available to other states at cost.



Illustrations are important tools in the work of the Mid-Missouri Nutrition Education Assistants (NEAs) Carrie Holman, Centertown; Phyllis Rowles, Bunceton and Ellen Schubert, Henley. Holman and Schubert work with homemakers in Cole County and Rowles works in Cooper County.

## Calendar of Events

### ATHLETIC EVENTS

- Oct. 26: Women's Intercollegiate Field Hockey: UMC vs KCFH Adult Club (A and B) at 2:00 and 3:30 p.m. on the Agriculture Field at the corner of College and Rollins.  
 Oct. 25: Football: Missouri vs. Kansas State, 1:30 p.m., Faurot Field, Homecoming.  
 Nov. 1: Football: Missouri vs. Nebraska, 1:30 p.m., Faurot Field.  
 Nov. 15: Football: Missouri vs. Oklahoma, 1:30 p.m., Faurot Field.

### CONCERTS, PLAYS

- Oct. 26: St. Louis Symphony Orchestra, Jesse, 7 p.m., Jesse Aud.  
 Oct. 26: Collegium Musicum Concert, 3:30 p.m., Fine Arts Recital Hall.

- Nov. 7: Collegium Musicum Concert, 3:30 p.m., Fine Arts Recital Hall.  
 Nov. 7: University Symphony Orchestra, 8:15 p.m., Jesse Aud.  
 Nov. 11: MSA Broadway Play "1776," 8 p.m., Jesse Aud. Tickets: \$4, \$3.25, or \$2.50.  
 Nov. 13-15; 17-22: "The Three Cuckolds," 7:30 p.m., University Theatre.  
 Nov. 13-15: UMC Opera Production, "Brigadoon," 7:30 p.m., Hall Theatre.

### LECTURERS, SPEAKERS

- Oct. 27: Lunchbag Seminar: "Self-Nurturance", Ms. Jeanine Lindstrom. In the basement of Gentry Hall. Bring your lunch. Open to the public.  
 Oct. 27: "It's a Small World—Israel", 7:30 p.m., Read Hall Basement.  
 Oct. 28: Department of Chemical Engineering Seminar Series: Dr. Richard Rice, University of Queensland. "Dynamic Separation Via Parametric Pumping", 3:30 p.m. Room 37J of the engineering Bldg.  
 Oct. 30: Lunchbag Seminar: "Black Feminism", 12 noon, Women's Center. Bring your lunch. Free and open to the public.  
 Oct. 30: Robert Audi, professor of philosophy, University of Nebraska, "A Critique of B. F. Skinner's Beyond Freedom and Dignity", 7:30 p.m., Room 203S, Memorial Union.  
 Oct. 31: Robert Audi, professor of philosophy, University of Nebraska, "Practical Reasoning", 3:30 p.m., GCB 326.  
 Nov. 3: Lunchbag seminar: "Women in Politics", Mary Lou Bussabarger, noon, In the basement of Gentry Hall. Bring your lunch. Open to the public.  
 Nov. 3: Energy Issues and Perspectives Seminar: John O'Conner, "An Assessment of Major Energy Related Environment Issues" 3:40 p.m., Room S8 of Memorial Union. Advanced registration required. Further information available by calling 882-8256.  
 Nov. 4: Department of Chemical Engineering Seminar Series: Dr. Carlos DiBella will speak on "Computer Aided Design with Flowtran" in Room 37J of the Engineering Bldg. at 3:30 p.m.  
 Nov. 6: Lunchbag Seminar Assertion Training, speaker Ms. Cathy Steel, at the Women's Center at 12 noon. Bring your lunch. Free and open to the public.  
 Nov. 10: Lunchbag seminar on Leadership for Women with speaker Dr. Sharon Pope. In the basement of Gentry Hall. Bring your lunch. Open to the public.  
 Nov. 13: University Club 1975-76: Virginia Young will speak at noon in N214-215 Memorial Union.  
 Nov. 13: Lunchbag Seminar The Changing Role of Men at the Women's Center at 12 noon. Bring your lunch. Free and open to the public.  
 Nov. 17: Lunchbag seminar on "Fear of Flying" with speaker Ms. Gail Ginder, Ms.

Chris Hofer, — Ms. Jeannie Jochim. In the basement of Gentry Hall. Bring your lunch. Open to the public.

Nov. 17: Energy Issues and Perspectives Seminar: Steven Gage will speak on "Impact, Enforcement, and Implications of Major Environmental Protection Policies Relating to Energy Production and Consumption" at 3:40 p.m. in Room S8 of the Union. Advanced registration required. Further information available by calling 882-8256.

Nov. 18: Department of Chemical Engineering Seminar Series: Dr. Robert Wixon will speak on "Advances in Total Parenteral Nutrition" in Room 37J of the Engineering Bldg. at 3:30 p.m.

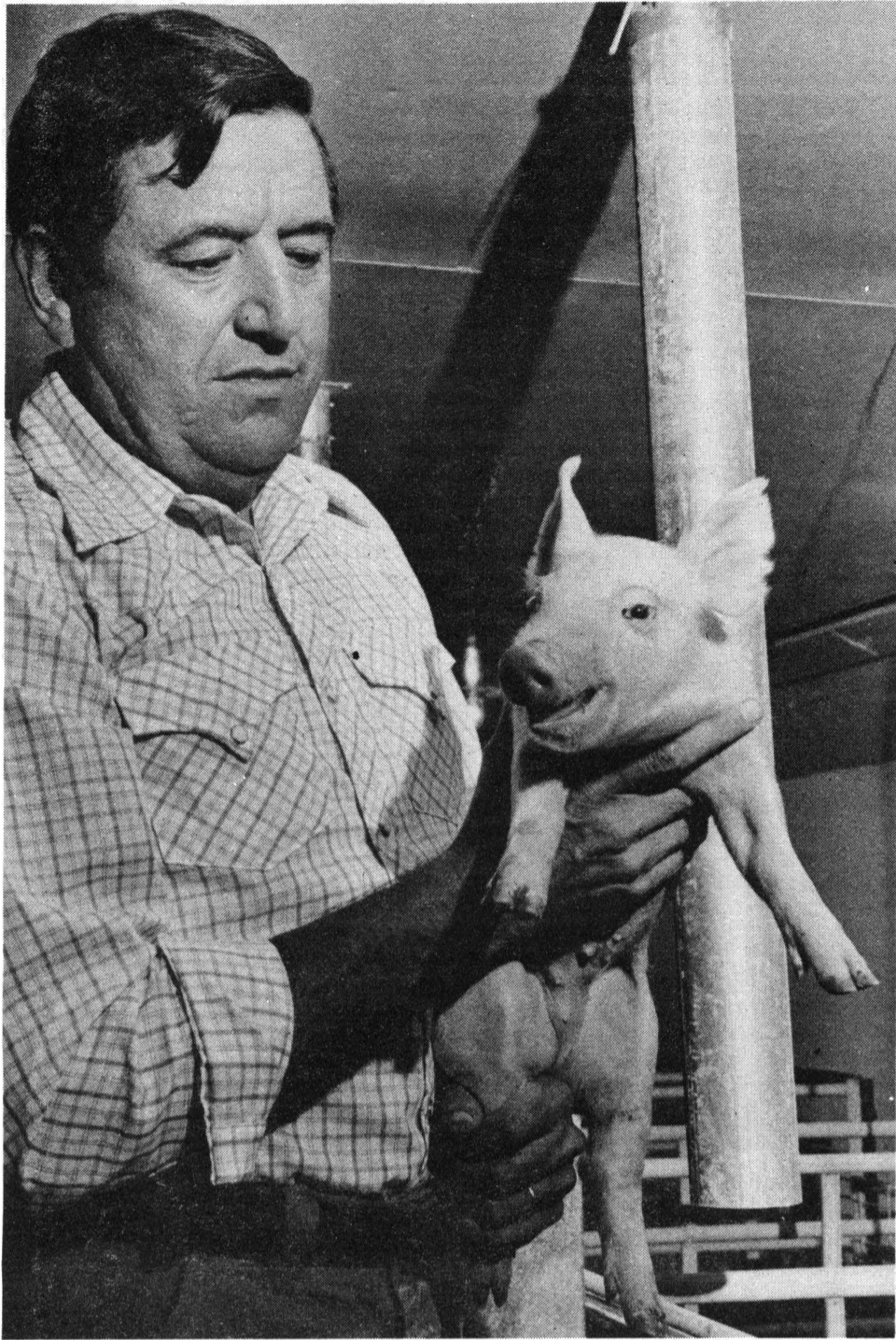
Nov. 20: Lunchbag Seminar Sexism and Toys, speaker Dr. Marilyn Blossom, at the Women's Center at 12 noon. Bring your lunch. Free and open to the public.

Nov. 24: Lunchbag seminar on Family Support System with Speakers Gerry & Mary Jo Westwood, and Keith & Jeannie Jochim. In the basement of Gentry Hall. Open to the public.

Nov. 24: English Lecture Series: Michael Holroyd, an eminent British biographer will lecture on "My Lives: the Autobiography of a Biographer," at 8 p.m. in the Small Ballroom of the Memorial Union.

### FILMS, EXHIBITS

- Until Nov. 7: Paintings on exhibition at Fine Arts Gallery by Joe Patrick and Genie Patrick.  
 Oct. 24: Astronomical Film of the Week: "The Living Sun", 7 p.m., Room 114 Physics.  
 Oct. 15-Nov. 15: Stanley Hall Gallery: "University Interior Design", Jay Porter, UMC interior designer.  
 Oct. 24: MSA Movie: "Papillion", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.  
 Oct. 25: MSA Movie: "Enter The Dragon", 7 & 9:30, Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.  
 Oct. 26: MSA Movie: "Discreet Charm of the Bourgeoise", 7 & 9:30 p.m., Jesse Aud.  
 Oct. 29: College of General Studies: Ascent of Man film, "Drive of Power," 7:15 & 8:30 p.m., 204 GCB.  
 Oct. 29: MSA Movie: "Theatre of Blood" and "House of Wax", 7 & 9:30 p.m., Jesse Aud.  
 Oct. 19-Nov. 7: Paintings on exhibition at Fine Arts Gallery by Joe Patrick and Genie Patrick.  
 Oct. 31: Astronomical Film, of the Week: "The Crab Nebula", 7 p.m., Room 114 Physics.  
 Oct. 31: MSA Movie: "Invaders From Mars," "The Thing," "Frankenstein" and "Wife of Frankenstein", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.  
 Nov. 1: MSA Movie: "Jeremiah Johnson", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW, at door \$1.  
 Nov. 2: MSA Movie; "THX-1138", 7 & 9:30 p.m., Jesse Aud.  
 Nov. 5: College of General Studies: Ascent of Man film, "Leader of Creation," 7:15 & 8:30 p.m., 204 GCB.  
 Nov. 5: MSA Movie: "Fortune Cookie" and "The Odd Couple", 7 & 9:30 p.m., Jesse aud.



Bill Day, UMC swine researcher, holds a pig from one of the litters produced at the new swine complex. Hogs already occupy the gestation and farrowing buildings.

## Swine complex dedicated

It started out with fund-raising ham and bean suppers and porkburger feeds. It ended with a complex of five buildings that now give UMC's College of Agriculture a complete program of swine research.

Largely through efforts of the Missouri Pork Producers Association, new confinement research facilities were dedicated at UMC Friday. The association gave a series of suppers and donated money from hog sales to raise \$103,000 for the new research complex. An additional \$200,000 for the facilities was appropriated by the Missouri Legislature in 1973.

Located near the University's South Farms on Highway 63, the facilities include a laboratory and separate buildings

for gestation, farrowing, nursing and finishing.

Main emphasis of work in the new complex will be on problems of reproduction in confinement, as well as baby pig nutrition and management.

## Chimney maintenance reduces fire hazard

An increased concern for conserving energy has prompted more homeowners to use fireplaces as a winter heat source.

But it has also resulted in an increase in the number of chimney fires, says David E. Baker, UMC extension rural safety specialist.

Baker recommends a three-part maintenance program to reduce the chances for chimney fires:

- o Inspect your fireplace.
- o Clean and repair it if necessary.
- o Avoid burning soot-producing materials.

"Your inspection program should include checking the fireplace from both top and bottom for soot build-up" Baker said.

"You should also check mortar for decay and make sure the damper closes completely."

Baker says that damper and mortar repair should be done only by a professional, but that the average homeowner, with a little care, can clean a chimney.

To clean a chimney, he says, cover the fireplace opening with an old sheet, wrung out in water and hung on a wooden frame made from scrap lumber. Then fill a burlap bag with straw, rags or sawdust, and add a couple of large stones or bricks.

Tie a rope on the bag and lower it into the chimney, pulling it up and lowering it until the flue walls are clean. Finally, remove the sheet, wet the soot with a garden sprayer and clean up.

"After cleaning, check the damper to see if it fits tightly," Baker said.

"Open the damper and clean the wind or smoke shelf. If the fireplace has an ashpit, clean it out.

"To keep the chimney clean," he concludes, "don't burn wastepaper, old milk cartons, plywood, leaves of heavy sapped wood."

## UMC gallery features work by Iowa artists

Oil paintings by Iowa artists Genie and Joseph Patrick will be on display in the UMC Fine Arts Gallery until Nov. 7.

Genie Patrick, whose work is primarily landscape and still life, received her B.F.A. in drawing and painting at the University of Georgia and was the recipient of scholarship and fellowship awards there as well as the Universities of Illinois and Colorado. She has taught at the University of Virginia, Radford College, Virginia and the University of Iowa.

She has participated in juried exhibitions in the South and Midwest and has received several awards, including two "Best of Show" awards. Her work has been shown in ten two-artist exhibits throughout the southwestern United States and Iowa.

Joseph Patrick, whose oils present figures and interiors, is currently an associate professor of art at the University of Iowa. Patrick received a B.F.A. from the University of Georgia at Athens and studied on a graduate fellowship at the University of Colorado at Boulder between 1960 and 1962.

## Scientists lists cooking hints for 'baby beef'

Cattle will be seeing less grain, and consumers will be seeing leaner beef — whether or not the USDA's proposed beef grading changes ever go into effect, according to a UMC food scientist.

Harold Hedrick says consumer demand for fat has declined. Furthermore, it costs cattlemen more to produce fat than lean meat.

Nutritionally, leaner meat has better food value. Protein is in the lean, not in the fat.

"Much publicity is centered around the assumed fact that a large portion of our beef supply is going to be 'grass-fed,'" says Hedrick. "What should be explained to the consumer is that more grass and other forages — and less grain — will

likely be used in beef production than has been in the past."

And there is no reason lean, forage-fed beef can't taste good.

He offers these cooking suggestions for "grass-fed," "Thrifty," or "Baby Beef":

- Brush steak with butter or, if you prefer, a polyunsaturated vegetable oil.
- Lower cooking temperature. Use 250 to 275 degrees (instead of 350) for roasts.
- Don't cook roasts "well done." It dries them out.
- Don't sear steak. Cook them to a golden brown at a lower temperature.

Professor Hedrick says retailers are also improving methods of storage and carcass handling to produce beef that has higher consumer satisfaction.

# Service Awards



Barbara Birmingham  
Food Service Worker I  
Dormitories  
10 years



Jerry R. Bowser  
Foreman  
Storeroom  
15 years



Aline E. Brewen  
Food Service Supervisor  
Geology  
10 years



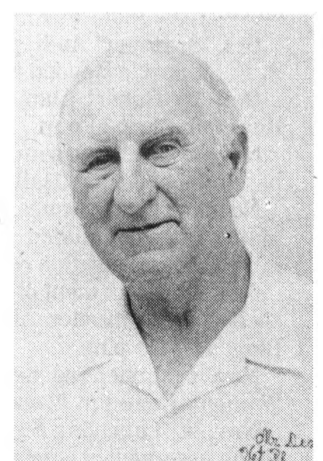
Crystal E. Crane  
Photo Technician  
University Extension  
10 years



Laura A. Crawford  
Janitor  
Dormitories  
10 years



Patsy S. Cropp  
Food Service Worker IV  
Dormitories  
10 years



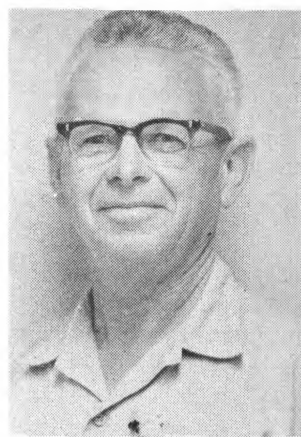
Maurice W. Dixon  
Animal Technician  
Veterinary Medicine  
10 years



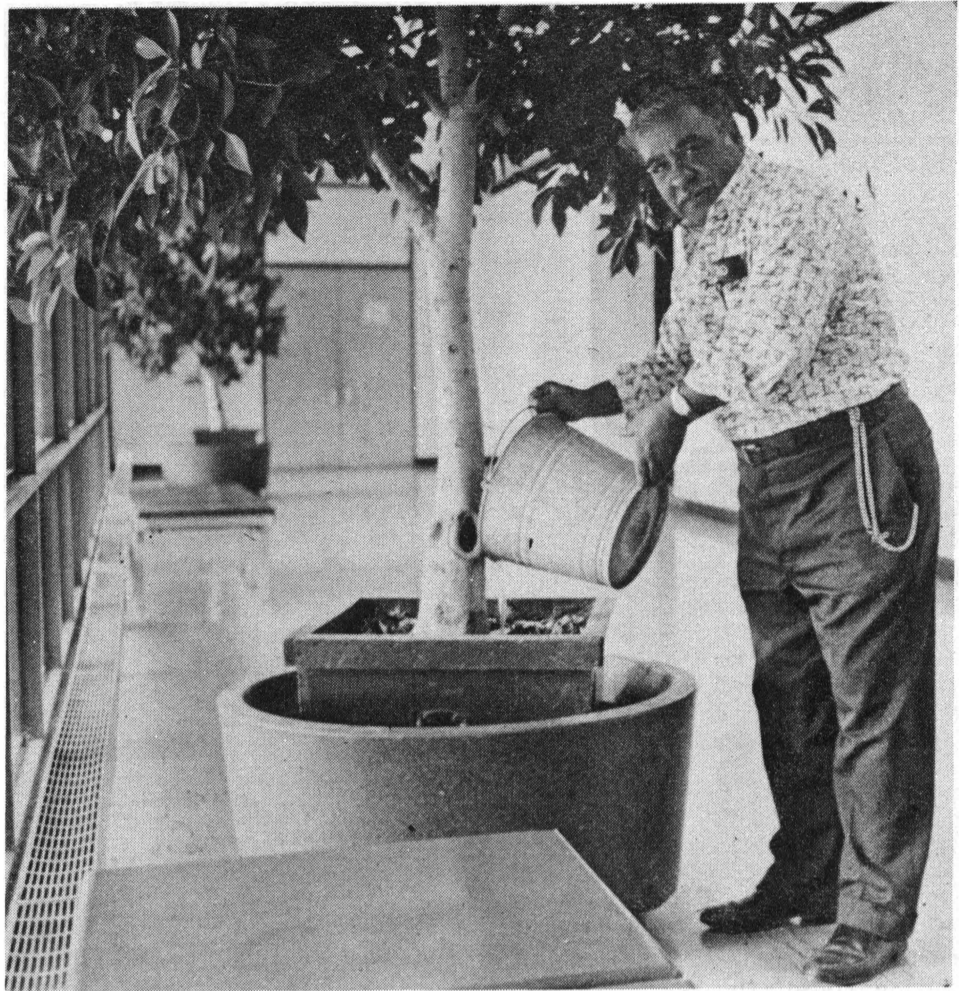
**Lula Mae Glover**  
Food Service Supervisor  
Dormitories  
15 years



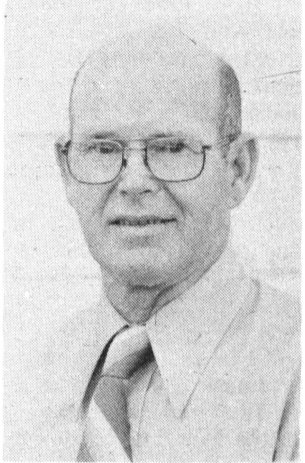
**Mary B. Gwin**  
Sales Clerk  
Memorial Union  
15 years



**Fred Hilgedick**  
Animal Technician  
Veterinary Medicine  
10 years



**Robert Simmons**, lead janitor, works in Pershing Hall. He has been with the University for 25 years.



**Norman Holman**  
Research Specialist  
Poultry Husbandry  
15 years



**Willie F. Jones**  
Senior Secretary  
Physical Education  
15 years



**Gertrude M. Langdon**  
Accounts Clerk  
10 years



**Rose E. McClure**  
Senior Adm. Assistant  
English  
15 years

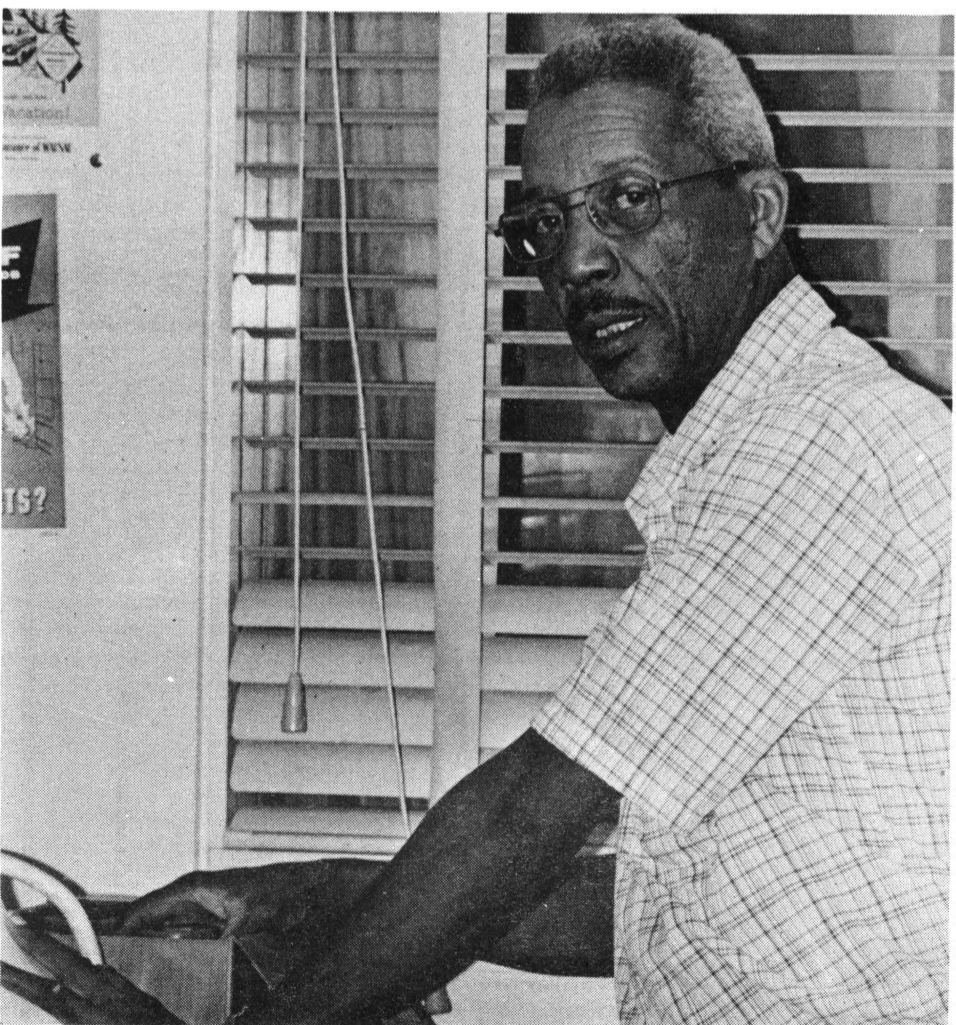


**Linda M. Ridgeway**  
Clerk-Typist  
Historical Manuscripts  
10 years



**J. Frank Roberts**  
Associate Director  
Admissions  
20 years

# Service Awards



**Richard Pipes**, floor finisher II, has been with the University 25 years.



**Hazel N. Talbert**  
Chief Clerk  
Education  
10 years



**Freda Vanderpool**  
Administrative Assistant  
Hearnes Auditorium  
10 years



**Wanda M. Wells**  
Administrative Associate  
Dalton Research Center  
10 years

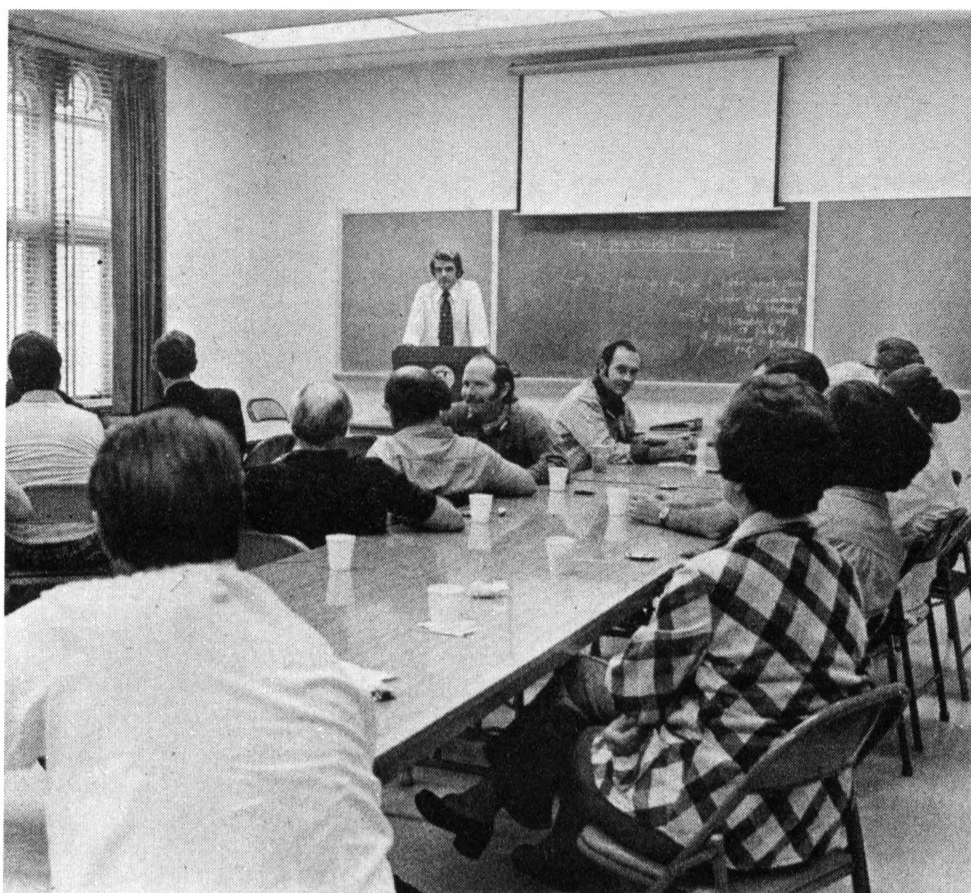


**Laverne Wiggs**  
Secretary  
Engineering Experiment  
20 years



**Marjul F. Zimmer**  
Manager  
Dormitories  
10 years

Service award winners not pictured above include: **Wesley S. Cox**, senior research technician, biological science, 10 years; **Sue L. Fewell**, admissions advisor, registrar and admissions, 10 years; **Pansy A. McCully**, desk attendant, dormitories, 10 years and **Janet V. Simmons**, assistant director, housing, 20 years.



UMC supervisors attend a session in loss prevention and control. The training program was designed for presentation to selected academic and non-academic supervisory by the safety and risk management staff and campus safety representatives in an effort to control losses within the University system. The program consists of 10 2-hour sessions covering the essential elements of loss prevention and control. The purpose of this training program is the prevention of accidents to persons and reduction of dollar losses.

## Employees receive 5-year pins

The following UMC and University-wide employees recently attained five years of employment at the University:

Virginia I. Altis, stenographer, cooperative extension service; Stanley Bell, research associate, dairy husbandry; Matilda M. Brown, janitor, dormitories; Sarah K. Brown, clerk, traffic safety; Don Won Cho, manager, Missouri Institute of Psychiatry; Carolyn M. Crow, secretary-stenographer, fiscal business office.

Ruby A. Cummins, janitor; Jane D. Dennis, cashier, fiscal business office; Robert L. Follis, patrolman, traffic safety; David L. Gill, manager, office of research; Helen J. Griggs, stenographer, office of education; Patsy J. Hahn, library clerk II, library.

Margaret A. Harris, program advisor, center for student life; Virginia F. Hayes, food service worker II, dormitories; Marshall Henry, food service worker II, dormitories; Patricia K. Ives, library assistant II, library; Dennis R. Jacobs,

herdsman, agriculture.

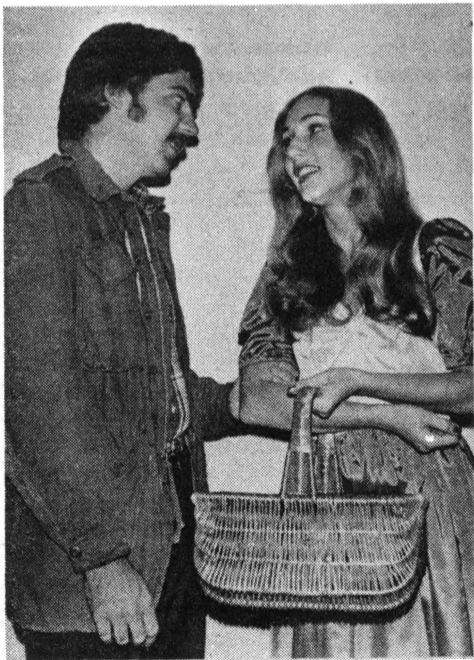
Hazel G. Johnson, food service worker II, Memorial Union; Jackie E. Johnson, electronics technician, mechanical and aerospace engineering; Wilbert J. Jones, janitor; Margaret A. Kraeuchi, information specialist III, information services; Warren L. Miller, accountant, fiscal business office; Charles L. Murdock, janitor.

Sue B. Porter, senior secretary, Missouri Regional Medical Program; Alice S. Quattrocchi, administrative secretary, chancellor's office; Leona Robinson, food service worker III, dormitories; Elaine S. Schrader, secretary, Missouri Regional Medical Program; Loy D. Semon, mail carrier, business office; Gloria A. Vinson, secretary-stenographer, education.

Ruby A. Welday, academic advisor, forestry; Roger D. White, golf course attendant II, business office; Mary A. Wiles, secretary, education.

## Students present 'Brigadoon'

"Brigadoon," Lerner and Loewe's musical fantasy, will be presented by the



Students Marty Loring and April Stella practice their lines in the costumes they will wear for the UMC opera class' Nov. 13-15 production of the musical, "Brigadoon."

UMC opera class under the direction of Harry S. Morrison Jr. Curtain will rise at 7:30 p.m., Nov. 13-15 at the Hall Theatre, Ninth St. and Cherry.

"Brigadoon," the first musical to receive the Drama Critics Circle Award as the best musical of the year, spins a whimsical yarn set in Scotland. New Yorkers Tommy Albright (Marty Loring) and Jeff Douglas (Jon Foley) lose themselves among the misty Highlands while hunting grouse and stumble upon the village of Brigadoon busy with preparations for a wedding.

Puzzled by the town people's 18th century costume and strange greetings, they are enlightened by the schoolmaster, Mr. Lundie (Bill Hanser), as to the village's magical history.

In 1747, a prayer to preserve Brigadoon from change allowed the town to disappear, then come to life once a century for one day. If a native should leave the village, Brigadoon would cease to exist. Tommy, engaged to a New York girl, finds himself falling under the spell of a Scottish lass, Fiona (April Stella) and begins yielding to the whimsical loveliness of the Highlands.

Tickets for "Brigadoon" will go on sale in the music building lobby on Nov. 3 from 1 p.m. to 5 p.m. Price is \$2 each.

## University Press announces new assistant director

Patricia J. Estevez has been appointed assistant director of the University of Missouri Press, the University's scholarly book publishing unit.

Ms. Estevez was formerly senior editor of Everybody's Money, a national consumer quarterly published by the Credit Union National Association in Madison, Wis. There she was responsible for researching, writing and editing articles for the 2¼ million circulation publication and for sales promotion and consumer education activities.

At the Press her duties will include acquisition of manuscripts for publication as well as editorial development of projects in various formats.

One of her first assignments is the production of an album of old-time fiddle

music to be issued early next year as a companion to The Old-Time Fiddler's Repertory, a collection of 245 traditional fiddle tune scores published by the Press in 1973.

In addition to her senior editorship of Everybody's Money, Estevez has served as editor of national publications for the Future Homemakers of America, Washington, D. C., and production editor for The Long Island Catholic. Her work has received awards from the Cooperative Editorial Association, the University of Wisconsin and the New York Press Association. She is a member of the American Newspaper Women's Club, the Cooperative Editorial Association, Consumer Federation of America and the National Catholic Education Association.

## Employees urged to fill out new personnel data forms

University employees are urged to fill out new supplemental personnel data forms now being distributed, and return them to their supervisors as soon as possible.

William D. Poore, director of Personnel Services, stresses that information on race, sex and citizenship will be used only for reporting purposes as required by the Higher Education Staff Information Report EEO-6. Federal regulations require the submission of this report to the Equal Opportunity Commission on Nov. 30, 1975.

Under federal regulations, the University is required to establish an affirmative action program to employ and promote handicapped persons. Poore says that information requested will be used only in placement and advancement of individuals. There are no quotas associated with the affirmative action program for the handicapped.

There are several changes which make the new form different from those distributed in the past. Descriptions of the employee's race are more specific to provide greater accuracy. Information is sought on whether an employee has any mental or physical disability which affects employment. Additional data is requested about the employee's education. Poore emphasizes the information is confidential and will be protected from

any unauthorized use.

Several changes will be made in Equal Employment Opportunity occupational categories when the final report is compiled for filing with the Equal Opportunity Commission. The changes are designed to give a more accurate picture of employment patterns at the University, Poore says.

The eight-by-five-inch form is officially identified as "UM-UW Form 202."

## Slide show focuses on houseware history

"Household Equipment — 1776-1976" is the title of a color slide-script Bicentennial presentation prepared by UMC home economist Marilyn Caselman.

She has assembled information and more than 100 slides on the history of kitchen utensils and equipment from her own collection, from University extension personnel and from members of many Missouri communities, among them Ste. Genevieve, Kansas City and the Tethel community in Shelby County.

The slides and script are available for showing through local area extension housing specialists in University Extension Centers.

## Thompson resigns from Board

William S. Thompson Jr., has resigned as a member of the Board of Curators of the University of Missouri effective Nov. 10 because he is being transferred from St. Louis to Chicago by Salomon Brothers, an investment firm for which he works.

Thompson, 29, was appointed a curator

for a six-year term in February, 1973, by Gov. Christopher S. Bond. Thompson was graduated in civil engineering at UMC in 1968 and served as president of the student body in 1966-67. He subsequently was graduated from the Harvard Graduate School of Business Administration.

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Gladys A. Courtney . . .

# New dean named for UMC's School of Nursing

Dr. Gladys Atkins Courtney, professor and head of the department of general nursing at the University of Illinois College of Nursing and director of the college's nurse scientist program, has been named the new dean of the School of Nursing at UMC.

Chancellor Herbert W. Schooling said her appointment will be effective June 1, 1976.

Courtney, 45, received her Ph.D. degree in physiology from the University of Illinois at the medical center campus in Chicago and is a professor of physiology as well as head of the general nursing department.

A native of Erwin, Tenn., she completed nurse's training at a hospital in Chattanooga before obtaining a bachelor's degree in biology at Louisiana College, Pineville, La., and a master's degree in physiology at Louisiana State University.

Before joining the faculty at the College of Nursing in Chicago, she held teaching positions at Malone College in Canton, Ohio; Louisiana State University, and the University of Illinois in Urbana. She also held nursing positions at Baptist Hospital in Alexandria, La., and at Baton Rouge (La.) General Hospital.

She has published several articles in

professional journals on her research on functions of the adrenal cortex.

Courtney's appointment ends a three year "search" for a new dean of the School of Nursing. Joseph White, provost for health affairs on the Columbia campus, said that candidates for the post were encouraged by the approval of \$200,000 in planning funds for a new nursing school building by the State Legislature in its last regular session.

Jane Brinton has been serving as interim dean of the School of Nursing since the retirement of Ruby Potter in August 1973.



Dr. Gladys A. Courtney

## Foundation gift establishes new program

A private foundation has awarded UMC \$25,000 to establish the Herbert J. Davenport Fellowship Program in Economics Reporting, according to School of Journalism Dean Roy M. Fisher.

The program will bring 15 mid-career journalists to UMC for four weeks of intensive economics study, paying their tuition and fees, room and board and providing each fellow with a \$500 stipend.

Offered as "Economics 359 — Topics for Journalists," the program may be taken for credit or non-credit. It will cover methods of analyzing economic issues, understanding and evaluating budgets and financial statements and use of economic tools to measure national economic issues at the local level. A seminar on a contemporary monetary issue will be given during the course by a team of editors from Business Week magazine.

The fellowship program is named for H. J. Davenport, first dean of the UMC College of Business and Public Administration and one of the foremost economists of the early part of this century.

The course will be taught by Gerald Auten, UMC assistant professor of economics, with special topic areas to be covered by colleagues in the UMC departments of economics and accountancy.

The fellowship program will be administered by Lyle E. Harris, Business Journalism Program director



Vol. 7, No. 4

Wed., Nov. 19, 1975

## Acclaimed Kathak dancer brings troupe to Jesse Aud

Anjani Ambegaokar, widely acclaimed as an accomplished Kathak dancer, will bring her troupe to Jesse Auditorium at 8 p.m., Saturday, Nov. 22. The performance, sponsored by MSA International Programming, is free.

Kathak is a 2,000-year-old classical dance influenced by Hindu and Muslim cultures of India. It is the story of the creation of the Universe narrated by a kathakar (dancer) through suggestive and allusive gestures with the language of music and dance. Whirling movements and graceful hand gestures accompany the highly technical and fast footwork.

Ms. Ambegaokar first performed for the maharja of Baroda when she was three years old. She holds a bachelor degree in economics and bachelor and master degrees in Kathak dance from the College of Indian Music Dance and Dramatics M.S. University of Baroda, India.

In 1964 she was selected as an India-UNESCO dance delegate. Ms. Ambegaokar has performed for T.N. Kaul, Indian ambassador to the U.S., who wrote, "The Americans who witnessed your performance at the embassy were greatly thrilled and impressed by your talent and explanation of beautiful dances."

Appearing with Ms. Ambegaokar are Ranchhod Pandya, a professional tabla (drum) player; Patric Marks, a professional sitar player; and Jill Finerty on tambora (drone) who is a horn player with the Evanston Symphony.

## Bicentennial course offered in January

As a part of the nation's Bicentennial observance, a course in Revolutionary America will be offered by the English department during the second semester beginning Jan. 12. Professors from several academic fields will lecture on the period of 1765-1800 from many perspectives — literary, political, socio-economic, artistic.

Leon Dickinson, professor of English, is principal lecturer and coordinator of the 'one-time-only' course titled "Enghiah 301 — Topics (Revolutionary America: Thought and Expression in the Nation's Formative Years, 1765-1800)."

The course is open to all students and satisfies the American literature requirement for a B. A. or M. A. in English and elective requirements in several UMC schools and colleges of UMC. Class hours will be 2:15-3:30 Tuesdays and Thursdays in GCB room 204.

## Blood donations help family and community

The University may lead Columbia in education and employment, but a UMC professor says it has let the community down in one important obligation.

"This is one of the only places in Boone County where we have failed to get our quota of blood donors," says Lewis W. Stoerker, associate professor of speech and dramatic art who heads the county and campus blood drives.

The American Red Cross needs 150 donors for a blood drive to be held from noon to 5:15 p.m., Nov. 25 in the Red Hall of Brewer Fieldhouse.

"It's a difficult time," Stoerker says. "It's right before Thanksgiving. But maybe we can think of it in terms of giving thanks for the things we have. A side benefit is the fact that if you give blood, your immediate family's blood needs will be met free for a year."

Interested employes should call Stoerker at 882-2021 on Monday, Wednesday and Friday mornings and Tuesday and Thursday afternoons.

## Silver casters by Paul Revere given to UMC

Two silver casters made by Paul Revere about 1760-1765 have been given to the Museum of Art and Archaeology at UMC by Dr. William D. Curtis of Washington, D.C.

Dr. Curtis, a dentist, made the gift in memory of his parents, Marion Hitchcock Curtis and Winterton C. Curtis, the latter a former professor and dean of the College of Arts and Science.

The identical casters are about five inches high. They are considered excellent examples of the work of one of the most esteemed silversmiths in the American colonies.

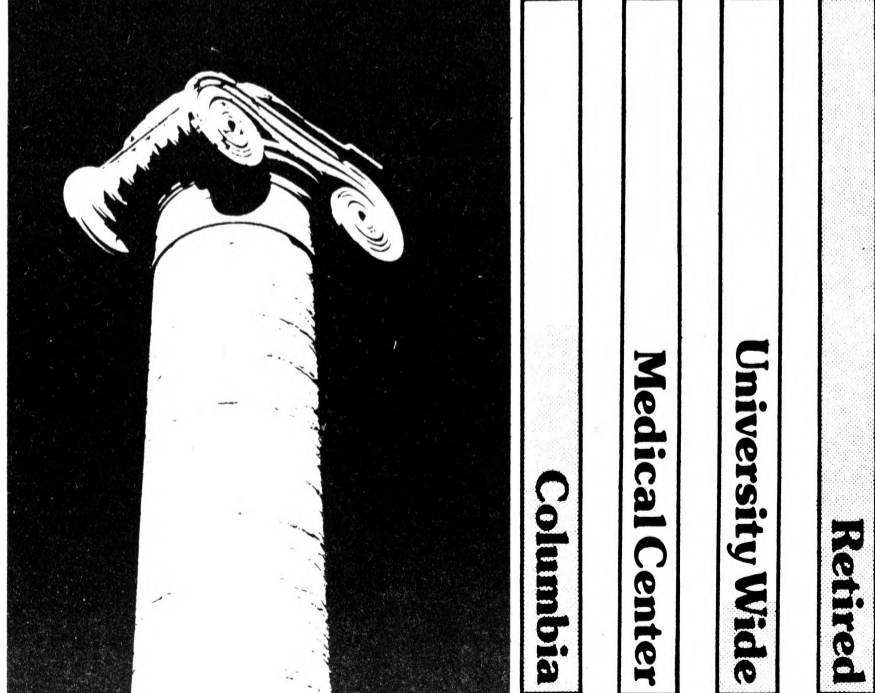
The casters, originally on indefinite loan to the Museum, have been on view as one of the bicentennial exhibitions. They will continue to be shown in the Museum, located on the fourth floor of Ellis Library. The Museum is open seven days a week from 2-5 p.m.

## Changes in options due before Jan. 1

Leroy Sharp, supervisor of staff benefits, advises that a change in the options of the University group medical plan may be requested during November and December. The changes will go into effect Jan. 1, 1976.

Employees interested in changing plans — \$50 or \$200 deductible — or changing the room allowance — \$45 or \$60 — should call Staff Benefits, 307 Hitt St., 882-3683. Requests will be accepted if received by Staff Benefits prior to Jan. 1, 1976.

## UNITED WAY



Retired UMC faculty and staff members have contributed a whopping 107 percent of their United Way goal. They have given a total of \$5,283 surpassing their \$4,900 goal by \$383. The UMC campus has collected \$28,038 or 46 percent of its \$61,000 goal. University-wide personnel have raised \$779 which is 10 percent of their \$7,200 goal. The Medical Center has just kicked off its drive. The entire UMC campaign has a total goal of \$90,600.

Know your curators:

## Van O. Williams

Van O. Williams, the 51-year-old president of the National Bank in North Kansas City, was appointed to the UM Board of Curators in July, 1973 by Gov. Christopher S. Bond.

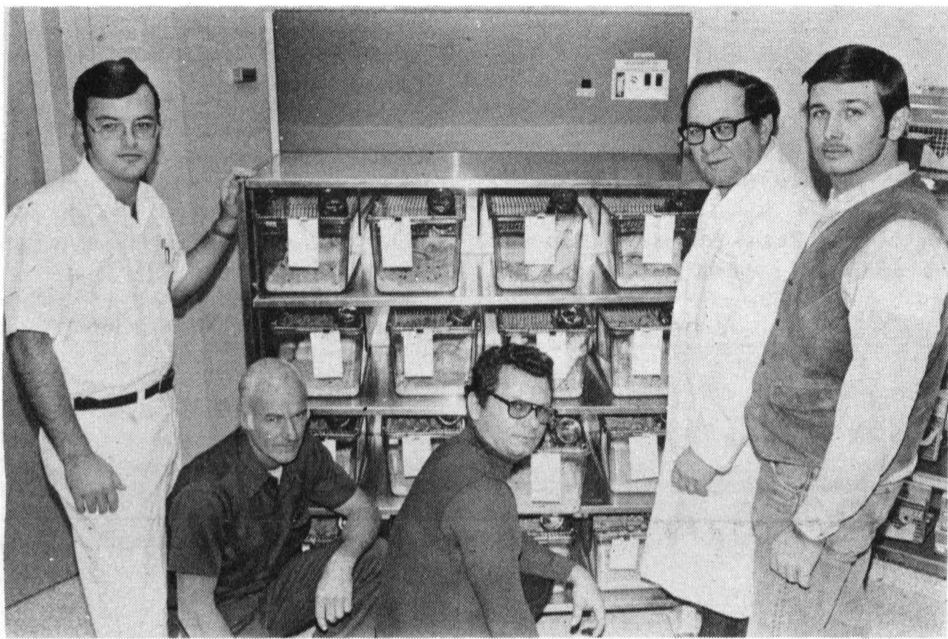
Williams was a 1949 graduate of William Jewell College. Immediately following graduation, he was sales representative for several firms including Havens Steel Company of Kansas City and the Alabama Pipe Company of Anniston, Ala.

He was employed by the National Commercial Bank in Liberty for more than 10 years. In September, 1972, Williams joined National Bank as executive vice president. He was elected president of the bank in 1973.

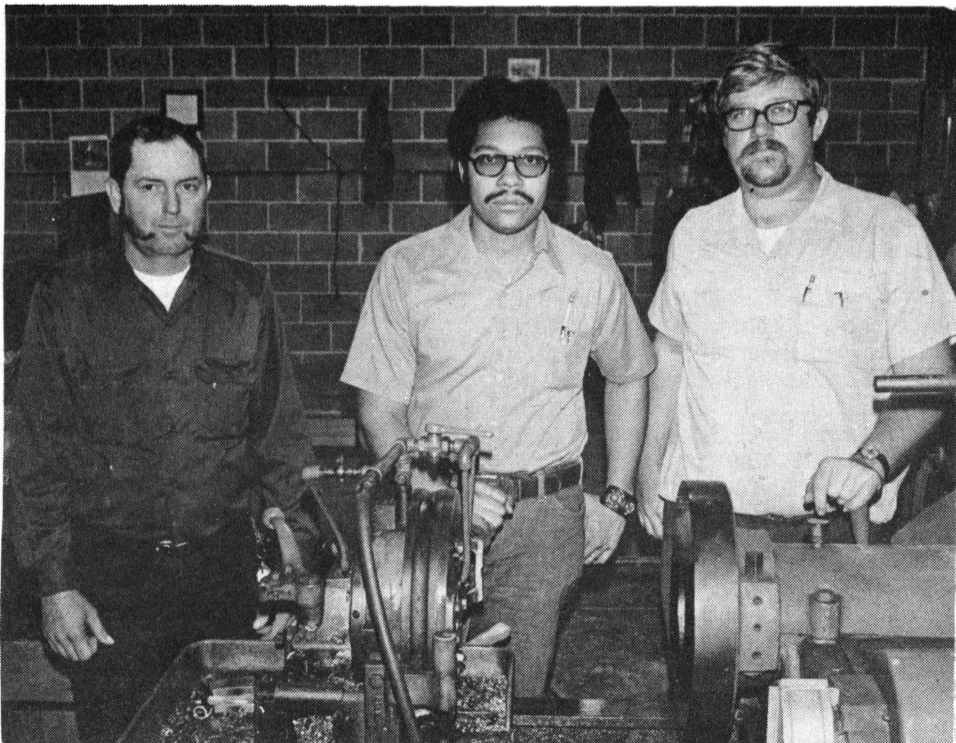
Williams has served on the Executive Board of the Clay Platte Chapter of the National Foundation for the March of Dimes, the finance committee and advisory board of the Liberty United



Methodist Church and the advisory board of the Northland Meals on Wheels. Williams' term expires Jan. 1, 1979.



UMC animal technicians (l to r) Bob Ritter, VA Hospital; LeRoy Harrison, Medical Center; Stan Grebing, Animal Sciences; Frank Garro, manager, research animal facilities, Dalton Research Center, and Leroy Anthony, Medical Center, are shown with a laminar flow machine which provides a controlled environment for rats. Ritter, Grebing and Anthony just received certification in animal technology from the American Association for Laboratory Animal Science. They were examined after successfully completing an eight-month course instructed by Garro. Harrison recently completed a course and passed an examination for laboratory animal technician. He will receive certification also.



Three UMC employes shown above recently completed the apprenticeship program in their respective trade areas. They are (left to right) Rex Sapp, electrician; Leon Hughes, plumber, and David Martin, steamfitter. The three employes will receive certificates from the University and the International Correspondence School.

# Welcome

Lori Shultz, secretary stenographer, Education; Laurie Lee Borski, clerk typist, Development Fund; Adrin S. Leaten, janitor, Physical Plant; Conrad Pflieger, food service worker III, Memorial Union; Dave Black, janitor, Physical Plant; Sharon A. Strobe, secretary stenographer, Agriculture Dean's Office.

Susan Kelterman, clerk typist, Purchasing; Regina Berne, ticket clerk, Center for Student Life; Shelley Moore, secretary stenographer, Agriculture Dean's Office; Paula S. Musso, clerk typist II, Personnel Services; Kathryn A. Jordan, secretary stenographer, University Extension Division.

Rhonda Phelps, secretary stenographer, Education; Leslie Huffines, scoring technician, Education; Robert T. Griffin, computer programmer, Agriculture Dean's Office; Gregory Warren, janitor, Physical Plant; Rance E. Taylor, janitor, Physical Plant; Don L. Begham, janitor, Physical Plant; James Phillips, janitor, Physical Plant; Jack Grimsly, janitor, Physical Plant.

Lynn Swofford, secretary stenographer, University Extension Division; Homer Parman, fertilizer inspector, Agriculture Dean's Office; Jewell Knudson, library clerk II, Library; Diane Kramer, computer librarian, Campus Computing; Linda Kelley, secretary stenographer, Dalton Research.

Sharon M. Byrne, secretary stenographer, Agriculture Dean's Office; Alyce Curtis, admissions advisor, Registrar and Division of Admissions; Elaine Marshall, lab technician, Office of Research; Carol Leach, clerk II, Personnel and Staff Benefit; Dorothy Johnson, record center clerk, Management Services; Roxanne Cohen, secretary, Computer Network.

Gary Owens, record center clerk, Management Services; Michael Bodine, reactor operator, Research Reactor; Robert Loswell, janitor, Physical Plant; Cheryl Perkins, lab assistant, Agronomy; Betty Sun, computer programming trainee, Business and Public Administration Dean's Office.

Linda Griffice, secretary stenographer, University Extension Division; Deborah Shelley, secretary stenographer, Agriculture Dean's Office; Durbin Tolson, Food Service Worker III, Memorial Union; Cynthia Lin, System Analyst, Program Development and Research Management; Tim Pierron, Food Service Worker IV, Memorial Union.

Betty Jean Buckner, Accounting Clerk, Provost for Administration Fiscal Business Officer; Sarah Schermann, Clerk Typist, Provost for Administration Fiscal Business Officer; Jack Phillips, janitor, Physical Plant; Louis T. Steyaert, research specialist, Agricultural Deans Office; Larry Gene Forkner, research specialist, Agricultural Deans Office.

Stephanie Calise, laboratory technician, Office of Research; Cynthia Cooper, laboratory technician, Office of Research; Linda Duncan, secretary, Office of Research; Bonnie Caldwell, clerk typist II, Vice-President for Finance and Treasury; Darrel Cook, coordinator computer operator, Office of Research.

Lloyd Jones, senior systems analyst, Office of Research; Thomas Rhodes, food service worker I, Loeb Dorm; Karen Schwartze, clerk typist, Grad School; Vickie Houseworth, secretary, Ag. Econ.; Mark Neppolt, research specialist, Ag. Deans Office; Mary Capshaw, program coordinator, Student Life.

Catherine Wang, computer programmer, Business and Public Administration Dean's Office; Rosemary Crane, secretary stenographer, Biological Sciences; Stanley Wilensky, assistant manager, University Extension Division; Janice L. Smith, secretary stenographer, Student Life; R. Michael Nugent, research specialist, Ag. Deans Office.

Rita Ruth Hays, secretary stenographer, Education; Georgia

Dorsch, secretary, Ag. Deans Office; Glenda Young, janitor, Physical Plant; Laurence Kuo, senior research laboratory technician, Dalton Research Center; Ella M. Gibson, janitor, Rollins Dorm; Steve Havuem, janitor, Memorial Union; Anthony Ellis, food service worker I, Pershing Dorm; Judith Hahne, clerk typist II, Provost for Administration.

Susan Lee Austin, sec-steno, Education; June M. Boston, sec-steno, Education; Ralph S. Stull, groundsman, Physical Plant; David A. Van Horn, food service worker I, Dormitories; Blanche Evelyn Koons, clerk typist II, Mathematics; Sandra Eickelman, secretary, Army; Melonie Stewart, secretary, UMC Extension Division.

Brenda S. Shumake, sec-steno, Melinda Prewitt, assistant athletic trainee, Women's Athletic Programs; Eugene Busted, senior laboratory and research technician senior laboratory and research technician, University Extension; Jeffrey B. Wilcox, associate curator, Museum; Hugh Russell, janitor, Physical Plant; Theresa Algrire, janitor, Physical Plant; Donald Maxwell, janitor, Physical Plant.

Margaret Broadas, food service worker I, dorms; Cornelius Benjamin, janitor, Physical Plant; Mickel Ardrey, janitor, Physical Plant; Dennis M. Smith Jr., janitor, Physical Plant; Kenneth E. Melton, janitor, Physical Plant; Majorie Clark, food service worker I, Pershing Dorm; Michael E. Martin, power plant trainee I, Physical Plant; Betty Jen, clerk typist, Registrar and Admissions.

Christy J. Nelms, janitor, Physical Plant; Terrance Holt, stenographer, Business and Public Administration Dean's Office; Carol E. Griswell, record clerk, Extension; Maureen Breese, secretary, Extension; Helen Pinkston, Secretary, Extension-Conferences and Short Courses; Mark R. Salter, photographer, University Extension.

## Drawing for quilt featured at bazaar

A drawing for a Bicentennial quilt made of blue denim and red and white gingham will be the highlight of a Country Christmas Bazaar Wednesday, Dec. 3 in Gwynn Hall Lounge.

The bazaar, which is sponsored by the Home Economics honorary Phi Upsilon Omicron, will be held from 8:30 a.m. to 4 p.m. Crafts and food will be sold.

Proceeds from the bazaar will go toward scholarships sponsored by the honorary. The Bicentennial quilt, which was made by members of Phi Upsilon, is now on display in the hallway of Gwynn Hall.

### CAMPUS COLUMNS

Campus Columns is published monthly except July and August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office: 882-6211.

For change of address, obtain W-4 Form from departmental office, fill out entirely, and send to Payroll Office, 16 Jesse Hall. Editor: Anne D. Robinson

The University of Missouri  
An Equal Opportunity Institution

'Sorry' isn't good enough

## Center helps rehabilitate hope

(Editor's Note: the following is part of a series of articles on the United Way of Columbia which were prepared by the organization's staff.)

"Most people have gone through being sorry for themselves. When someone is sorry for himself it doesn't do any good. A sorry person can't do anything. Our philosophy is try — maybe you can."

These words from Mike Mayclin, program coordinator of the Community Rehabilitation Center, 606 Pannell St., Columbia, express the continuing philosophy of the Center which works and counsels with the handicapped people to help them integrate into society.

Who does the Center help? People who might be institutionalized in state facilities now have the opportunity to go through the Center's program and become a working member of society.

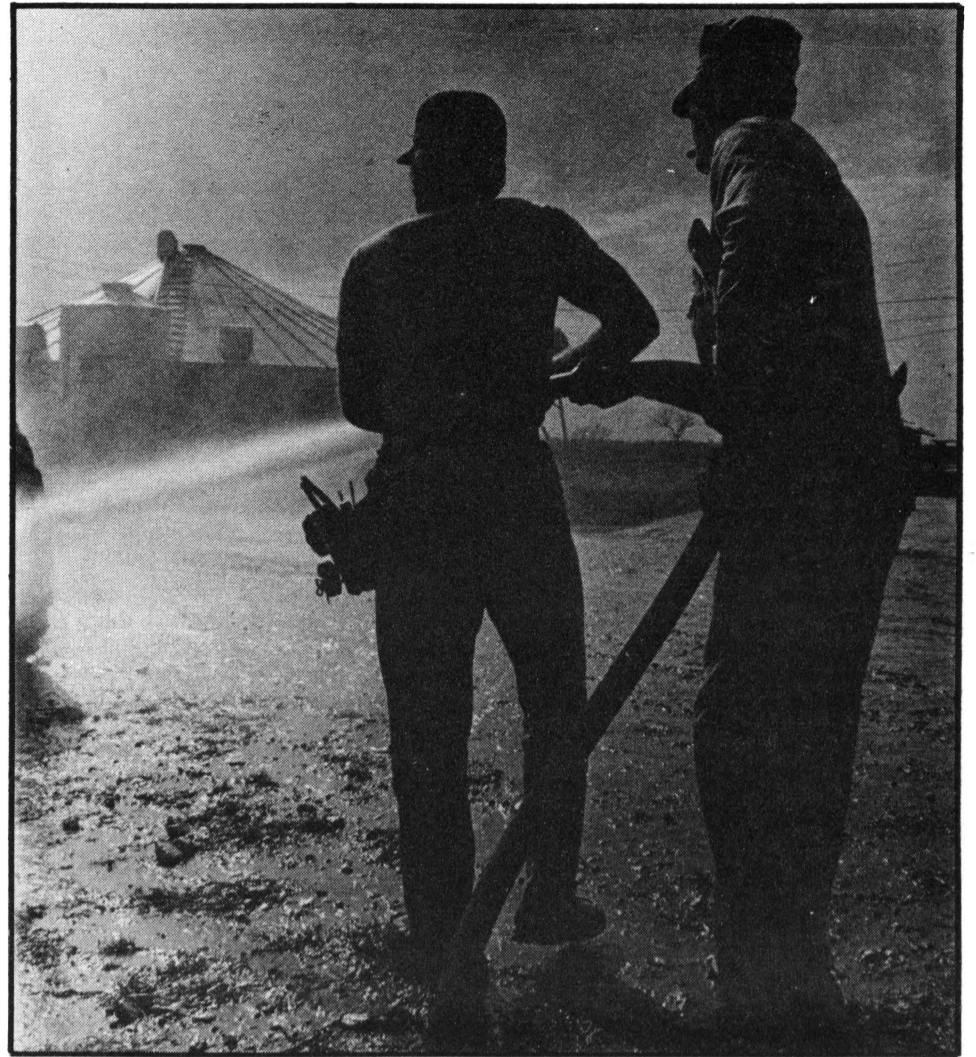
One of the newest programs developed helps people deal with their social needs

and learn independent living skills. The Center supervises housing selection, has advice available for transportation problems and tries to answer any other questions that might arise. The primary objective of Center programs is relating to the people as human beings, rather than operating as a highly structured agency.

Approximately \$5,000 of the taxpayer's money can be saved when handicapped individuals leave the Center and attain work. The state pays a person's fees to the rehabilitation center which costs an average of \$1,500 for 12 weeks. This, compared to the cost of staying in an institution for a similar length of time for about \$6,500, is a considerable savings.

The fee the state pays for individuals covers only the present program services. To move ahead and progress even more, the Center needs extra help. The United Way provides help through community involvement and monetary contributions.

The Center deserves help according to Mayclin. "A person may have something



Sinclair Research Farm employes Steve Thornhill (left) and Bill Kamp practice using the hose of a fire truck which has been assigned to the Office of Fire Training. The unit, which is housed at the farm, is a surplus truck which is on loan from the Office of Civil Preparedness, according to Bill Westhoff, coordinator of UMC fire training. Westhoff said the unit will be used for both regional and state fire school training.

## Ellis exhibit features American, Oriental art

Exhibits of Western American and Oriental art will run concurrently at the UMC Museum of Art and Archaeology on the fourth floor of Ellis Library through the end of December.

The first exhibit, a group of paintings, lithographs and etchings by American artists of the early decades of this century, represent an important period in Western Art. These works include landscapes, still-lives, portraits and genre scenes. A large painting by Thomas Hart Benton, who featured Missourians in many of his works, is of particular interest.

The exhibit of Oriental Art, which has been on view through the summer, has now been expanded. A number of Japanese wood-blocks from the 18th and 19th centuries are shown along with prints which have been recently pulled from them. The wood cuts, which can be used many times, are the first stage in a process necessary to produce a final print. This collection was the gift of Dr. and Mrs. Martin J. Gerson of New York.

The museum is open seven days a week from 2-5 p.m. There is no admission charge.

# 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.

### ATHLETIC EVENTS

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

### CONCERTS, PLAYS

- Nov. 22: "The Three Cuckolds", 7:30 p.m., University Theatre, General Admissions—\$2.50.
- Nov. 23: Collegium Musicum Concert, 3:30 p.m., Fine Arts Recital Hall.
- Nov. 24: Stage and Studio Band, 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 p.m., the Fine Arts Recital Hall.
- Dec. 2: Men's & 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 Cumbe, 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. Tickets are \$3 and \$2.50.
- 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: Professionals in Youth at the Ramada Inn.
- Nov. 22: Cancer Detection and Early Diagnosis, 8:30 a.m. to 4 p.m., Hilton Inn.
- Nov. 21-22: Missouri Congress on the Female Offender on UMC campus and Stephens.
- Dec. 1-2: Professionals in Youth at the Ramada Inn.
- Dec. 4-5: Seminar in Agricultural Marketing, Union.
- Dec. 7-8: Changing Roles of Women and Men, Ramada Inn.

### DEADLINES, OTHER EVENTS

- Nov. 24: Faculty Bulletin Deadline
- Nov. 25: Spectrum Deadline
- Dec. 5: Public Telescope Observing, 8:00 p.m., Laws Observatory atop Physics Building weather permitting.
- Dec. 8: Campus Columns Deadline.

### FILMS, EXHIBITS

- Nov. 22: MSA Movie: "Bloome In Love", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW; \$1 at door.
- Nov. 23: MSA Movie: "Le Roucher", 7 & 9:30 p.m., Jesse Aud.
- Nov. 9-Nov. 28: Art Collectors of Columbia exhibition at Fine Arts Gallery.
- Nov. 15-Jan. 10: Stanley Hall Gallery: "Computer Aided Graphics" by Richard Helmick.
- 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", 7:00 p.m., Room 114 Physics.

Dec. 5: MSA Movie: "The Longest Yard", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c at MUTW; \$1 at door.

Dec. 6: MSA Movie: "The New Land", 7 & 9:30 p.m., Jesse Aud. Advanced tickets 75c 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. 24: Lunchbag seminar: "Family Support System". Speakers Gerry & Mary Jo Westwood, and Keith & Jeannie Jochim. In the basement of Gentry Hall.

Nov. 24: English Lecture Series: Michael Holroyd, an eminent British biographer, "My Lives: the Autobiography of a Biographer," 8 p.m., Small Ballroom of the Memorial Union.

Nov. 25: John Kultgen, UMC professor of philosophy, "Objectivity and Consensus", 3:30 p.m. Room 326, GCB.

Nov. 25: Department of Chemical Engineering Seminar Series: Charles Dunlap, assistant professor of chemical engineering, "Production of Single Cell Protein from Cellulose", 3:30 p.m., Room 37J Engineering Bldg.

Dec. 1: Energy Issues and Perspectives Seminar: Warren Glimpse, "Policy Formulation and Energy Management in the Private Sector", 3:40 p.m., Room S8 of Memorial Union. Advanced registration required. Further information available by calling 882-8256.

Dec. 2: Department of Chemical Engineering Seminar Series: John Thompson, "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 Union Aud.

Dec. 4: Lunchbag Seminar: "Your Body — Not Your Doctor's," Dr. William Trumbower, noon, Women's Center.

Dec. 9: University Club 1975-76: 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.

Just like "Topsy" . . .

## Dissinger grew into job

A Brinks' man once asked Fay Dissinger how she became manager of cashiering at UMC. She replied, "I guess I'm sort of like Topsy, I just grew into it."

Ms. Dissinger, who retires Nov. 30 after 26 years at the University, began working at UMC in 1935 when she was a sophomore in high school. She worked two hours a day in the office of Leslie Cowan, University vice-president in charge of business operations.

"I began working in the Cashier's Office in 1946," she recalls. "When I became manager of cashiering in 1951, I never gave a second thought to the fact that I was one of the few women in an administrative position because my predecessor was a woman."

When Ms. Dissinger took over the cashiering operation in 1951, there were 14 fulltime employees. The office now has 31 fulltime and four part-time employees.

The manager of cashiering's major function, according to Ms. Dissinger, is the implementation of "all those management objectives they teach you — planning, organizing and follow up —" as they apply to tasks such as pre-enrollment, regular enrollment and various billings.

Ms. Dissinger's other responsibilities include the office's budget, staffing, and determining residency for student fees. In the latter capacity, Ms. Dissinger has served as secretary of the Committee on Tuition and Residence.

The Cashier's Office handles all student fees, dormitory fees, University-owned housing rentals and a daily mail load ranging from 300-800 checks for items such as gifts and grants, library and

traffic fine payments, invoices, petition fees and miscellaneous billings.

"In 1948, we still figured all student fees manually," Ms. Dissinger says. "At that time, the student body was approximately 12,000 so it would take us about three to four days to process them."

Major changes affecting the cashiering operation were the establishment of pre-enrollment in the '50s and the 1965 implementation of student fee billing by mail. Ms. Dissinger points out that approximately 18,000 UMC students use pre-enrollment each semester which leaves only 4,000 to 5,000 students going through regular enrollment.

"Pre-enrollment is not only helpful to the students because it saves them from standing in lines," Ms. Dissinger says, "but it is also helpful to the cashiering operation because it enables cashiers to do their work in the background at a reasonable pace."

Credit cards have been another change. Ms. Dissinger notes that "although credit card charges are a little more time-consuming than cash, particularly the mail credit card forms which have to be checked for authorization and number, they are very helpful to the students."

The whole complexion of the UMC student body has changed considerably since Ms. Dissinger began her career in cashiering. In the forties, there were a large number of veterans "who were older, usually married and generally interested only in getting their degrees and getting a job."

Not only has the student body and the cashiering operation changed, but the size of the UMC faculty and staff has increased



Fay Dissinger, retiring manager of cashiering, keeps busy with the minutes of the Breakfast Optimists' Club.

considerably from that of the '40s.

Ms. Dissinger remembers the time when she dealt with all UMC department chairmen and knew them all by first name.

Although Ms. Dissinger says she will miss the job and in particular "dealing with the exceptionally professional UMC faculty and staff members," she has

already made plans to enjoy her retirement by taking bridge lessons, playing bridge, doing needlework, spending time with her children and grandchildren and working with local organizations.

Her first ambition now? "To learn how to play golf well enough to go out on the course with my husband," she says with a laugh.

## Farm Electrification Council names McFate as head

Kenneth L. McFate, UMC professor of agricultural engineering, has been appointed executive manager of the Farm Electrification Council, which will move from Des Moines on Jan. 1.

McFate will continue on the agricultural engineering faculty while directing council efforts in energy research and communications.

The council is a non-profit organization of electric power suppliers, agricultural equipment manufacturers and educationally-oriented organizations concerned with providing ample amounts of energy for food production, processing and distribution.

The council has granted UMC \$41,000 to fund research and education in electrical energy utilization in food production and

processing. The educational publications and management aspects of the council are covered in the grant. The council will have off-campus office facilities.

McFate, graduate of Iowa State University, has been on the UMC staff for 20 years during which time he directed educational and research activities of the Missouri Farm Electrification Council. He was elected a fellow of the Agricultural Engineering Society in 1974 when he won the George W. Kable award for outstanding personal and professional contributions in applying electrical energy to the advancement of agriculture through agricultural engineering.

C. LeRoy Day, chairman of the

agricultural engineering department, notes that the Missouri Council has supported research on energy utilization at UMC for 20 years. With increased concern about energy resources and food supplies, the department and the Agricultural Experiment Station have expanded their efforts in the area.

The primary purpose of the FEC grant is to support an educational and research program on optimum utilization of energy resources. Since an adequate food supply is energy dependent, the grant will directly enhance the programs of the Agricultural Engineering Department and the Agricultural Experiment Station in the food and energy area, he said.

## News & Notes

The Museum of Anthropology has received a shipment of wall hangings from Guatemala.

The hangings will be available at the sales desk from 9:30 a.m. to noon and 1 to 4:30 p.m., during the week. The museum is located in Swallow Hall.

★★★★

Program operations and sanitation at the UMC Student Health Service's 56 food outlets have been rated "excellent" by the Missouri Division of Health.

The division based the rating on a random three-day study of the food outlets. The study was conducted at the request of UMC officials.

In reporting the findings, Ralph H. Frederickson, state food service survey officer, said, "The Student Health Service is to be commended for these excellent food service sanitation programs."

★★★★

The University granted 10,259 degrees in 147 academic disciplines on its four campuses during the 1974-75 fiscal year, according to a report compiled by the University's office of institutional research.

The report includes degrees earned during the 1974 summer session and last fall and spring semesters.

Columbia campus' share of the total was 5,112. Included in this figure are 3,368 bachelors', 306 first professionals', 1,108 masters', 290 doctors' and 40 intermediates.

Bill Westhoff Jr., coordinator of UMC fire training, attended a national conference on master planning for community fire protection in Orlando, Fla. The conference was sponsored by the National Fire Prevention and Control Administration, an agency of the U. S. Department of Commerce.

Delegates were addressed by many of the nation's top fire safety planning experts during the three-day conference.

★★★★

Missouri Students Association is planning a ski trip to the John Denver country of Aspen, Colo., over the Christmas break.

Open to all UMC students, faculty, staff and their families, the Jan. 3-10 trip is being offered at \$113 to \$194 per person, depending upon lodging preferences and ski rental. (The fee includes continental breakfasts and five nights at the Applejack Inn.)

Two 43-passenger buses will make the trip, departing St. Louis about 11 a.m. Jan. 3, with stops at Columbia and Kansas City along the way. Returning on Jan. 10, participants can debark at any of the three cities.

Information on the trip is available at the Memorial Union ticket window. A signed trip contract and a non-refundable \$25 deposit are required by Nov. 19 to reserve a ticket. Final payment for the trip must be made by Dec. 1.

A pre-trip informational meeting for participants will be held at 7 p.m. Dec. 4 in Room S204 of Memorial Union.

## Reception honors UMC fellows

An International Women's Year Reception at 7:30 p.m., Saturday, Nov. 22 in the Memorial Union Faculty-Alumni Lounge, will honor Purabi Dutta of Bangladesh and Susanna Eke-Nwosu of Nigeria, international fellows in the UMC College of Home Economics.

Dr. Marjorie Bell Chambers of Los Alamos, N. M., national president of the American Association of University Women (AAUW), will also be honored. Dr. Chambers is adjunct professor of history at the University of New Mexico, Northern Branch.

Eke-Nwosu attends UMC as an international fellow of the American Home Economics Association (AHEA); Dutta as an AAUW international fellow.

Reception sponsors are the AAUW Missouri State Division Board, the Columbia AAUW Branch and the College of Home Economics.

Invited guests will include other international women students in the College of Home Economics; former campus AAUW fellows Gladys Weinberg, assistant director of the Museum of Art and Archaeology, and Elsabet Towlett, former Museum curator; and Dr. Irene Fitzgerald, associate professor of education in curriculum and instruction, who has served on the national AAUW Educational Foundation. The Foundation provides

fellowships for advanced study by American and international women.

Also invited are the International Women's Club and interested international students on campus.

## UMC steam use reduced 22.4% since 1973

Energy consumption at UMC has decreased significantly since the Campus Energy Conservation Program was instituted in October 1973, the assistant superintendent of the Physical Plant said.

Campus steam consumption has dropped by 22.4 per cent, and electric power usage has dipped by 10 per cent, Rex O. Dillow said.

The savings are relevant, Dillow said, because previous to the program's institution, energy consumption had grown annually. In addition, new equipment at UMC has increased energy usage.

Since federal agencies anticipate a 30 per cent increase in energy costs in the next 18 months, Dillow urges faculty and staff to continue conserving power.

## UMC Concert Series brings opera to Jesse Auditorium

The internationally acclaimed husband-wife team of mezzo-soprano Sandra Warfield and tenor James McCracken will appear in concert at 8:15 p.m., Dec. 6 in Jesse Auditorium. This performance is the fourth of eight concerts in the UMC 1975-76 Concert Series.

McCracken is best known for his role of Othello at the Metropolitan Opera. He has also sung the roles of Canio in "Pagliacci," Florestan in "Fidelio," Manrico in "Il Trovatore," and Don Jose in "Carmen."

Ms. Warfield made a strikingly suc-

cessful debut as Delilah in the San Francisco Opera's 1963-64 season. Among her other mezzo-soprano roles are Dorabella in "Cosi Fan Tutte," Azucena in "Il Trovatore" and Octavian in "Der Rosenkavalier."

Individual concert seats go on sale to faculty and staff one week before the performance. Tickets are \$3 for main floor seats and \$2.50 for balcony seats.

The next University Concert Series program will be the Polish Mime Ballet on Jan. 26.



McCracken and Warfield

## Helmick to show computer aided screen prints

Computer-aided prints and drawings by Richard Helmick of the UMC department of housing and interior design, will be on display in the Stanley Hall Gallery until Dec. 19.

In 1972 Helmick began experimenting with random computer patterns to produce graphic design. The computer executes a drawing on the basis of a program written by Helmick or someone else and the artist subsequently produces a screen print.

Among the 20 works to be exhibited are those done through a "gum bichromate" process in which a photo is superimposed upon a light-sensitive piece of pigmented paper.



**Harriet B. Johnson**  
Head Nurse  
Student health service  
10 years



**Lucy L. Liddell**  
Lead janitor  
Dormitories  
10 years



**Frances D. Lowrey**  
Food service supv.  
Dormitories  
10 years

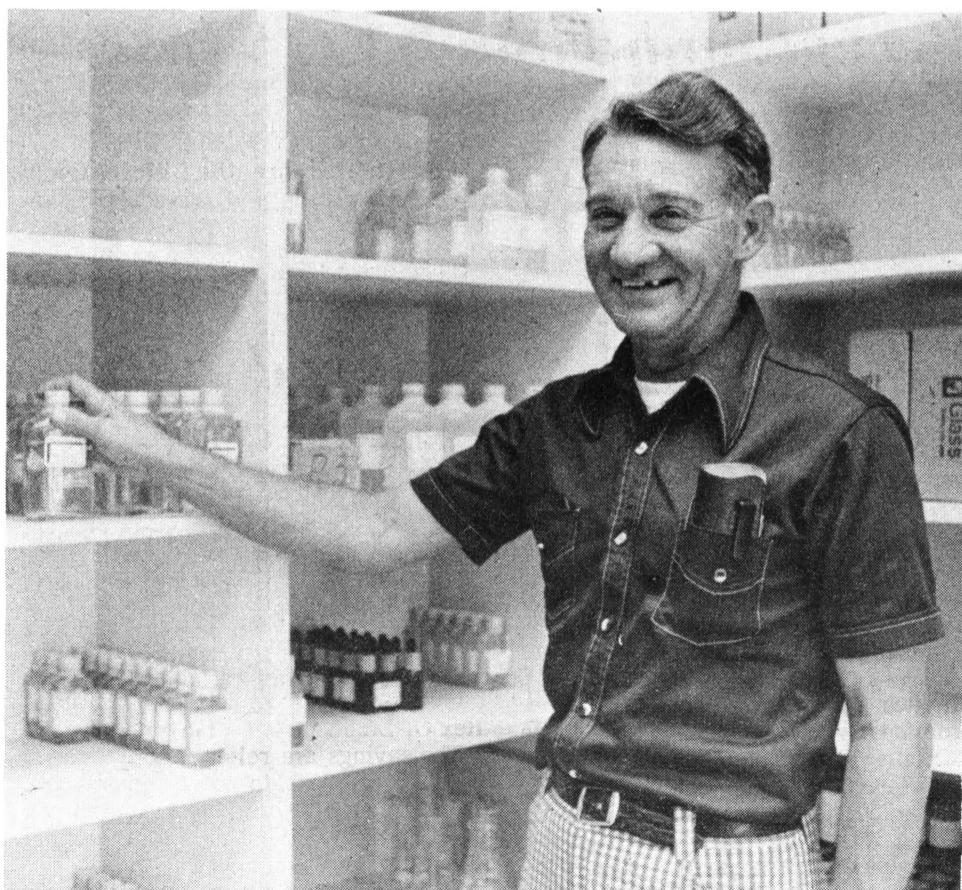


**Frances L. Wims**  
Food service worker IV  
Dormitories  
10 years

# Service Awards



Jalia Wright, a food service supervisor in Bingham Cafeteria, has been with UMC 25 years.



Raymond A. Reeves, a junior laboratory technician in the department of agronomy, recently received his 25-year service pin.

## 36 employes receive 5-year pins

The following Physical Plant employes have been awarded five-year service awards: James S. Betz, mover; Charles E. Blakemore, crane operator; Imogene H. Byers, janitor; Raymond E. Byers, janitor; Nolvin G. Cartwright, janitor.

Garland E. Crane, mason tuckpointer; Raymond A. Cornell, janitor; Ruby A. Cummins, janitor; Samuel Davee, equipment operator mason; James A. Dougherty, water treator.

William M. Goett, janitor; Keith C. Hopper, janitor; Wilbert J. Jones, janitor; Ottis V. Long, janitor; Larry D. McKenzie, refrigeration mechanic apprentice.

Beverly J. Moore, senior secretary; Charles L. Murdock, janitor; Leonard J. Murdock, janitor; Floyd L. Murray, labor

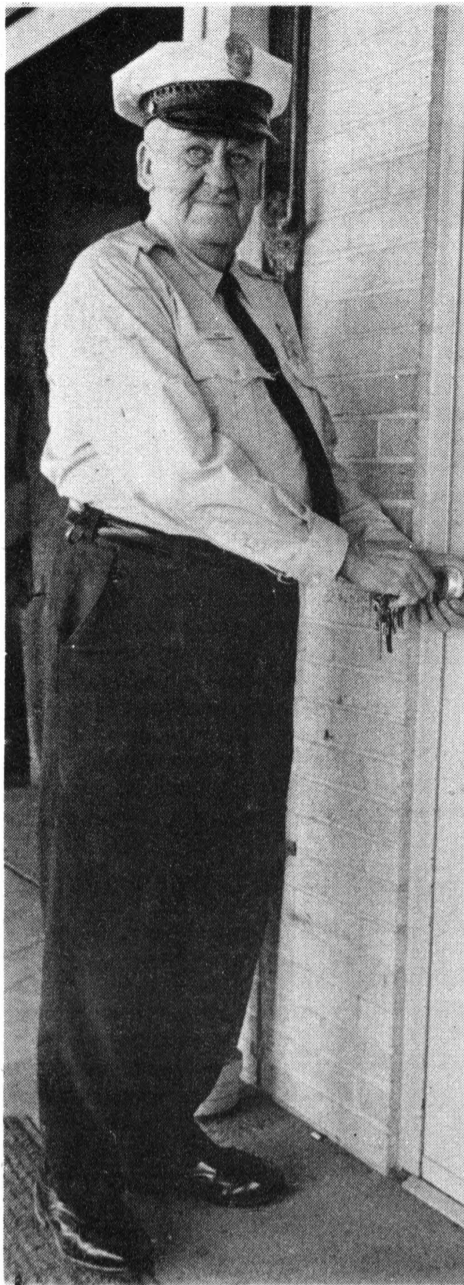
shop mover; Leon W. Pinkett, janitor.

Earl E. Ray, janitor; Eugene F. Reed, exterminator; George W. Schilb, janitor; Donna M. Smith, senior accounting clerk; Robert W. Southerland, crane operator; Claude H. Swager, power plant trainee II; Clint Wood, janitor.

The following UMC employes in other departments have received five-year service awards: Arthur K. Darr, business officer; Berry Guthrie, cooperative extension federal; Emma J. Heibel, library; Rita K. Hussey, office of research; Harri A. Palmer, home economics.

Eileen Perry, extension state; Waldo F. Turner, janitor; Nancy M. Ward, office of research; Gail T. Warnke, Missouri Institute of Psychiatry.

# Physical Plant Service Awards



**Thornton E. Murray**, a lead watchman headquartered in the Engineering Building, has worked at UMC for 25 years.



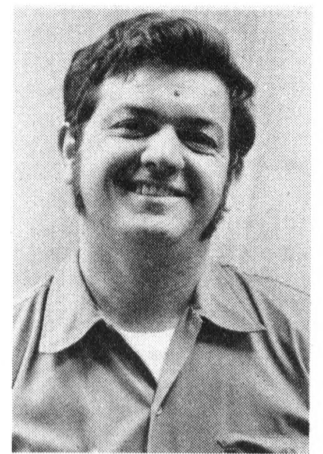
**Louis Allen**  
Equipment Operator  
15 years



**Valentine J. Bayer**  
Lead Carpenter  
15 years



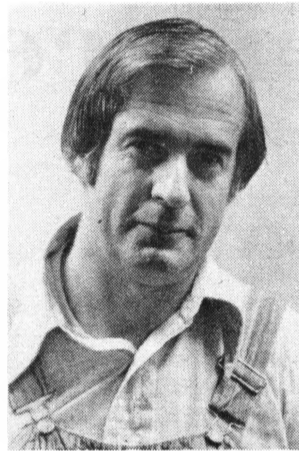
**Dudley R. Brown**  
Maintenance Man  
10 years



**Jerry D. Calvin**  
Exterminator III  
10 years



**Howard L. Davenport**  
Boiler Maintenance Man  
10 years



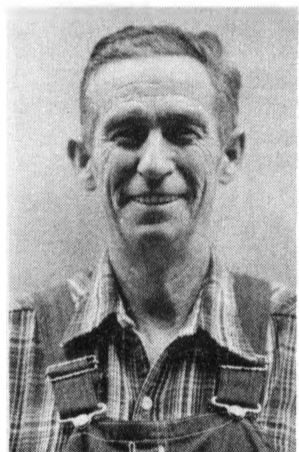
**James R. Gibbs**  
Electrician  
10 years



**Ivan W. Gilpin**  
Driver  
20 years



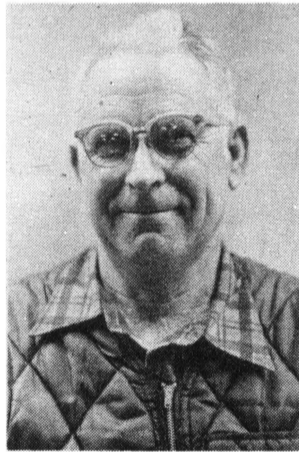
**Everett D. Gruber**  
Plasterer  
10 years



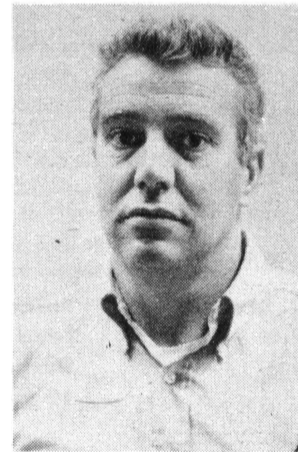
**Harry L. Henderson**  
Lead Campus  
10 years



**Robert L. Johnson**  
Auto Mechanic  
15 years



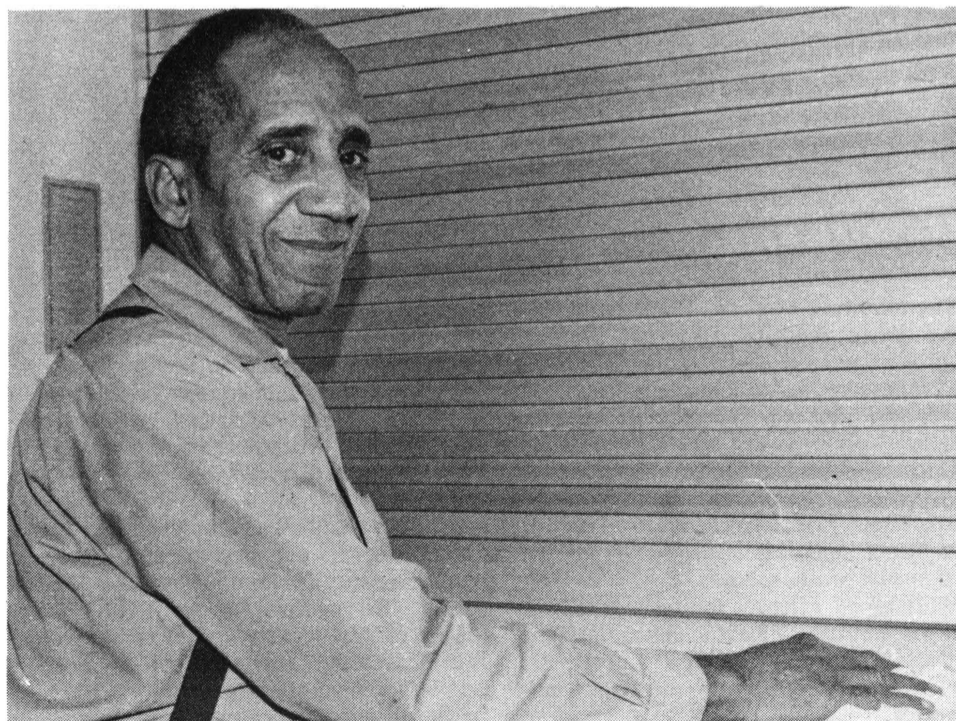
**Edgar L. Kraus**  
Lead Campus  
10 years



**Merlin D. Kreutzer**  
Tuckpointer II-Mason  
10 years



**James H. Little**  
Supervisor Trades  
15 years



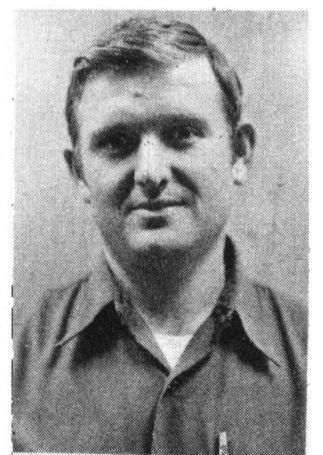
**Jesse D. Cason**, who has been a UMC janitor for 25 years, dusts the counter at Academic Support Center.



**Charles E. Maxwell**  
Mechanical Tradesman  
15 years



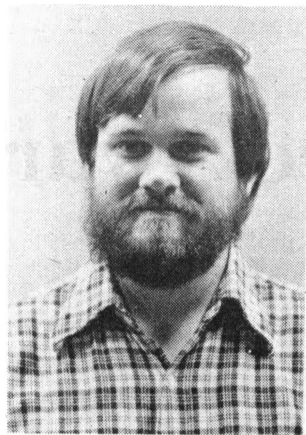
**Bobby L. Morris**  
Sign Painter  
20 years



**Charles L. Murray**  
Electrician  
10 years



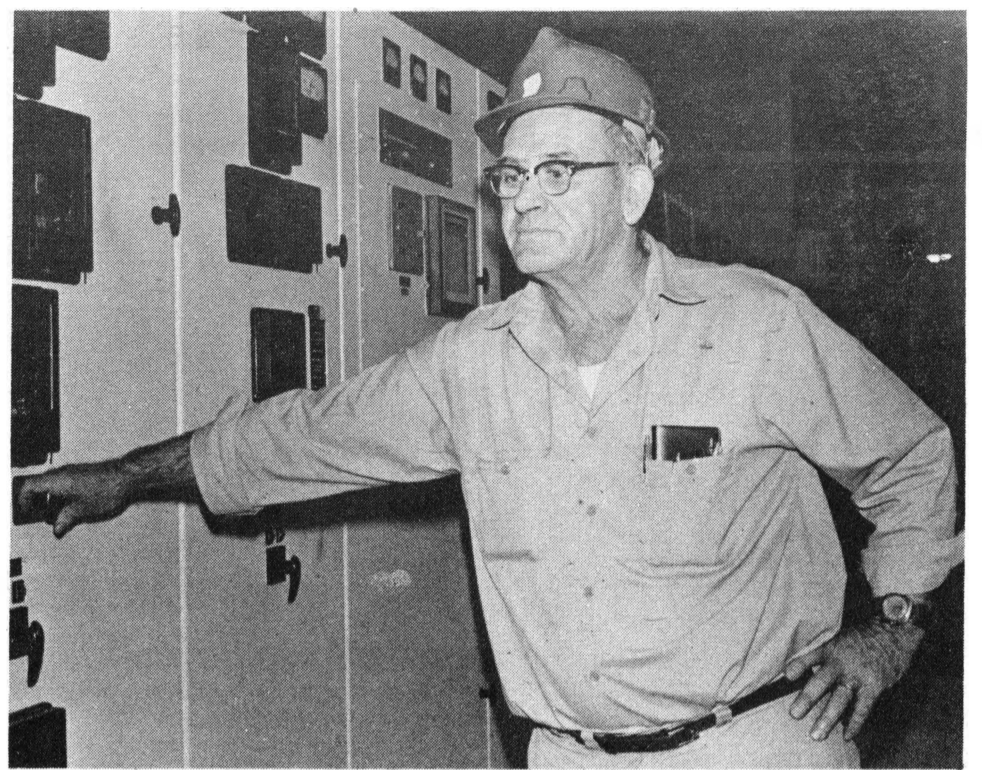
**Albert H. McCown**  
Electrician  
10 years



**Riley M. Nichols**  
Carpenter  
10 years



**Raymond E. Quinn**  
Carpenter  
10 years



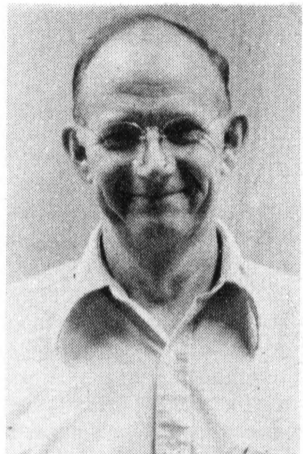
**Warder Level, power plant operator, has been at UMC for 25 years.**



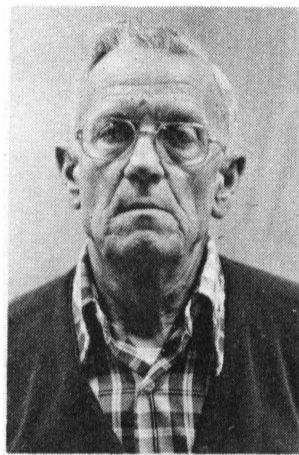
**James O. Robnett**  
Power Plant Leadman  
15 years



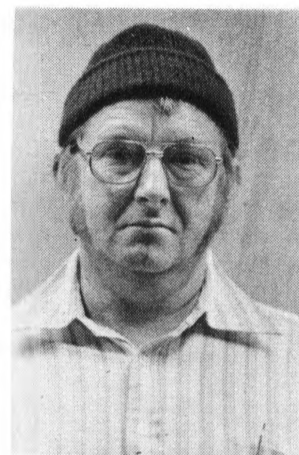
**Larry Romig**  
Carpenter  
10 years



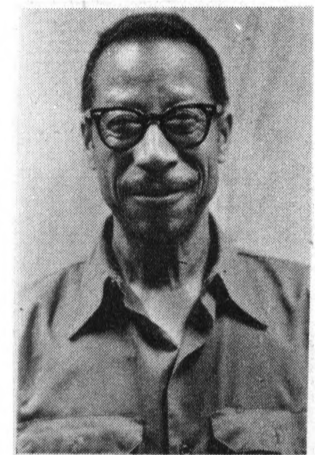
**Richard C. Russell**  
Administrative Clerk  
15 years



**Roland A. Via**  
Driver  
20 years



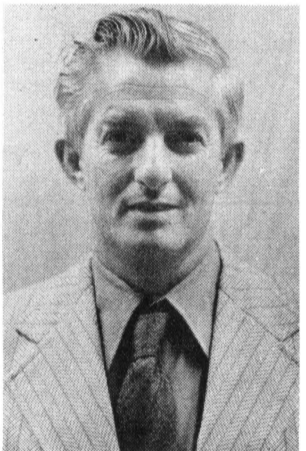
**Henry C. Whitworth Jr.**  
Mechanic-Small Engine  
10 years



**James E. Wilkerson**  
Fire Inspector I  
20 years



**Lowell R. Sapp**  
Electrician  
15 years



**Harold D. Sontag**  
Assistant Building  
Maintenance Supervisor  
15 years



**John Vandelight**  
Assistant Foreman  
Night Watch  
10 years



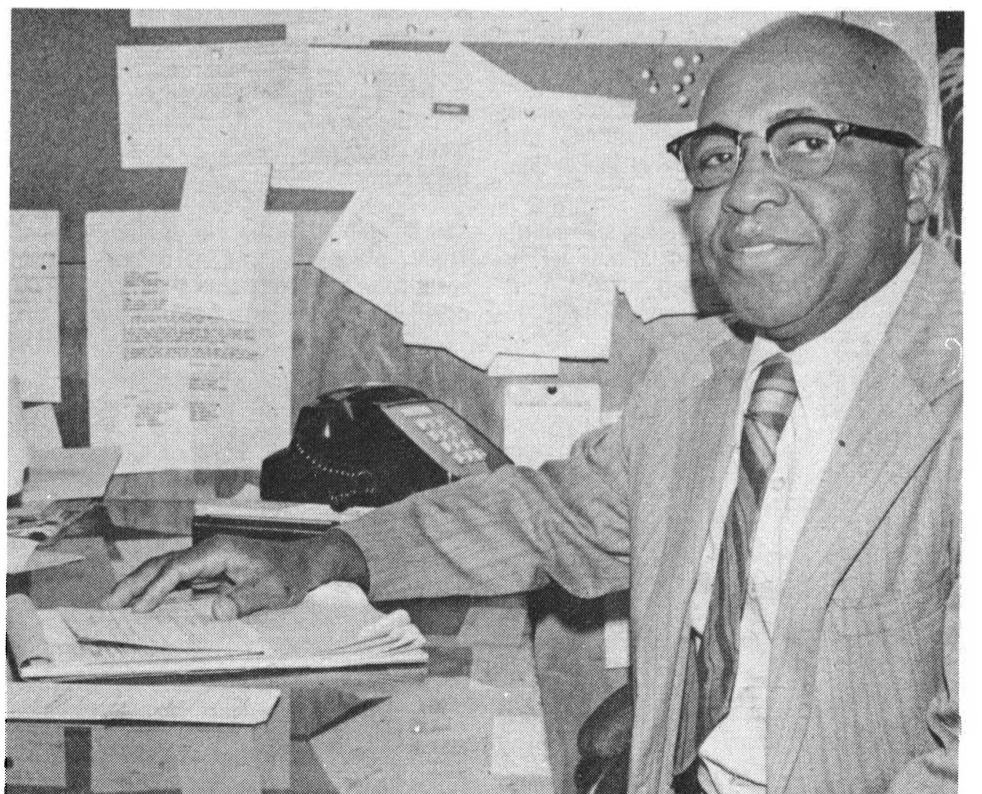
**Tommy Winnigear Jr.**  
Welder  
10 years



**Benjamin Young**  
Mechanical Tradesman  
10 years



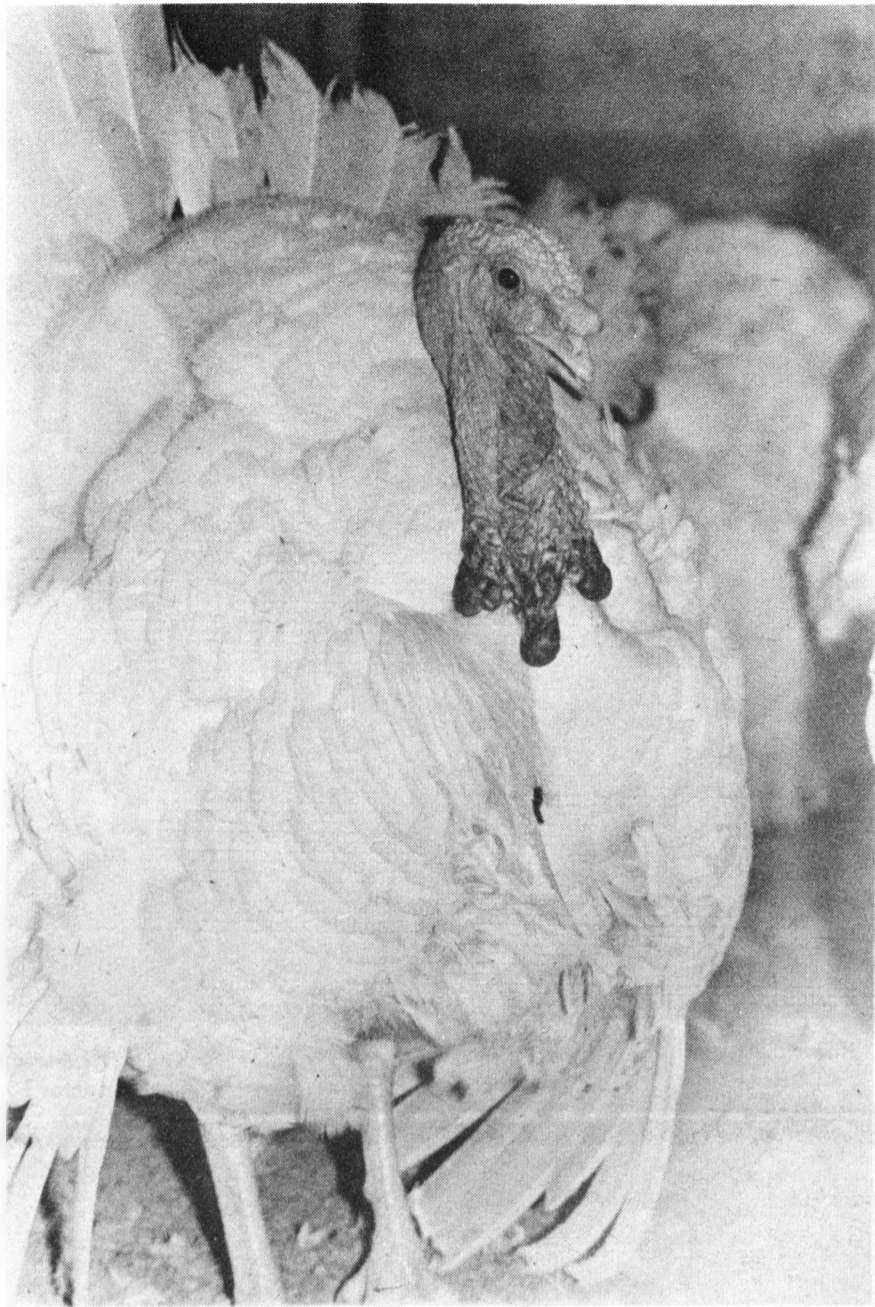
**Harris A. Wiggs, another 25-year employe, is a working assistant foreman in the campus shop of Physical Plant.**



**Anderson Logan, foreman-labor, has been with the University for 40 years. His office is located in the old Livestock Pavillion.**

Turkeys know their place . . .

# Big Bird dominates Thanksgiving holidays



Turkeys have an image problem . . . and for a turkey, that's really a problem.

Face it. People would rather be called "zeroes" than be told: "You're a turkey." After all, a zero is midway between a plus and a minus. And if you're a "turkey," well, you're considered a minus minus, a person with minus personality, minus talents, minus intelligence and unfathomably icky looks.

Now turkeys haven't always had an image problem. One of our forefathers, a signer of the Declaration of Independence, who shall remain unnamed less his reputation be irrevocably tarnished, once suggested the turkey be the nation's symbol.

But his colleagues overwhelmingly turned his suggestion down. As one of them noted, "We have plenty of turkeys in government as it is and I can't see making one a symbol." Besides, another colleague noted, a fledgling nation can't be expected to win serious acceptance by having as its seal a turkey holding an olive branch in one talon and lightning in the other.!

Perhaps the turkey's greatest misfortune is that his most famous profile places him in a supine position, lacking feathers and, coincidentally, lacking a head.

But to digress from one revisionist's historical spoof to talking "true" turkey, the great bird is a glamor food that deserves more than just a place on the table at Thanksgiving.

Nutritionally, says Craig McKinney, a graduate assistant in the UMC department of food science and nutrition, turkeys are the highest in protein of all cooked foods. They rank high in riboflavin and niacin, yet low in calories and cholesterol.

And the price per pound of turkey is just about the same as it was 15 years ago.

Most UMC research on the bird is on the University's 80-acre turkey research farm about 10 miles northeast of Columbia. Willed to the University several years ago by the late Julia Rocheford, state home economics extension agent, about 10,000 poults (baby turkeys) are annually hatched at the farm.

About 90 per cent of the poults are sold to commercial firms, the remainder raised for UMC research. At present, about 600 mature turkeys are at the farm.

Dr. A. B. Stephenson, UMC professor of poultry husbandry and an expert in turkey genetics during the past year has been focusing his research at the farm upon turkey egg production and hatchability.

Dr. Stephenson explained that the majority of turkey hatching eggs are produced on floor pens, in contrast, for example, to retail sale chicken eggs, which most frequently are produced in cages.

Working with two strains of turkeys, one

a heavy large-meat type weighing 38 to 40 pounds and producing about seven eggs a fortnight, and the other a medium-size bird weighing 30 to 32 pounds and producing an average of eight eggs over a two-week period, the researcher wants to find what, if any production differences will occur with pen or cage conditions for each group.

At this point, his findings remain inconclusive.

All University offices will be closed on Nov. 27 and 28 for Thanksgiving holiday.

Arrangements will be made to carry on all essential services. Offices will reopen again on Monday, Dec. 1.

## STUFFING RECIPE FOR 14 to 18-POUND TURKEY

**INGREDIENTS**  
1 cup fat  
1 cup diced onions  
1 quart (four cups) diced celery  
4 quarts small bread cubes (three to four-day-old bread)  
1 tablespoon salt  
½ teaspoon pepper  
2 teaspoons poultry seasoning or sage  
1½ to 2 cups broth or water

Cook onion and celery in fat over low heat until onion is soft, but not brown. Stir occasionally. Meanwhile, blend seasonings with bread cubes. Add the onion, celery and fat. Blend. Pour broth gradually over the surface, stirring lightly. Add more seasoning as desired.

As a variation, two cups of chopped apples, prunes, cooked chestnuts or pork sausage can be added or a pint of cooked oysters.

To make cornbread dressing, follow the above recipe, but substitute two quarts of cornbread for two of the quarts of small bread cubes.

## TURKEY STEAKS WITH OYSTER SAUCE

**INGREDIENTS (STEAK)**  
4 tablespoons butter  
4 1¼-inch thick turkey steaks  
1 teaspoon salt  
2 tablespoons milk  
bread crumbs or corn flake crumbs

**SAUCE**  
3 tablespoons butter  
1 pint oysters  
1 egg yolk  
1 tablespoon flour  
1 cup of Half and Half  
dash of nutmeg  
salt  
pepper  
chopped parsley

To prepare steaks, mix eggs, salt and milk together. Dip steaks in mixture and coat with bread crumbs. Melt butter in pan and fry steaks until they are golden brown on both sides (about 10 to 12 minutes).

To prepare sauce, heat butter in frying pan until the butter sizzles. Add drained oysters and cook until edges begin to curl. Remove oysters and sprinkle flour in pan. Cook flour one to two minutes without browning. Pour in three-quarters of the Half and Half and heat until it boils. Stir constantly. Mix the remaining Half and Half with the egg yolks into the pan. Continue to cook over low heat for two to three minutes until slightly thickened. Do not boil! Add the oysters and nutmeg. Salt and pepper to taste.

Pour sauce over turkey steak and garnish with chopped parsley.

## Safety news and views:

### Have a safe Christmas tree

Every December, UMC buildings and dormitories lose a little of their institutional look as office workers and students put up brightly decorated Christmas trees.

In order to insure that UMC persons have a safe and merry Christmas, the University requires that all Christmas trees in its buildings be inspected by Physical Plant. If the trees need to be sprayed with a non-flammable material, Physical Plant personnel will do this without charge at the time of inspection.

Inspection hours will be 9 a.m. to 3:30 p.m., Dec. 1 to 18, on the east side of the General Services Building. Trees left in the morning will be ready at 3:30 p.m. Trees left in the afternoon will be

available at 9 the next morning. The University and Physical Plant will not be responsible for trees left overnight for inspection.

No cedar trees or boughs may be used under any circumstances, says UMC's Safety Representative Dave Keller. He explains that cedar dries quickly, and becomes highly flammable.

He reminds personnel and students not to use Christmas tree light strings on metallic trees, or real candles on any trees. Both practices are fire hazards, he says.

Keller asks that those who put up trees saw an inch off the bottom of the tree at an angle, place the tree in a broad-based stand, and keep the stand filled with water at all times.

### Renaissance music concert

The UMC Collegium Musicum, under the direction of Andrew Minor, will perform English Renaissance music for voices and historic instruments at 3:30 p.m., Sunday, Nov. 23 in the UMC Fine Arts Recital Hall.

The Collegium, which uses scores edited for authenticity by current scholarly standards, performs sacred and secular music from the Medieval, Renaissance, Baroque, Classic, Romantic and Modern periods.

Two of the three standard Collegium ensembles which will perform together Nov. 23 are the small Chamber Ensemble using Medieval and Renaissance in-

struments and a Chamber Chorus. The size of the ensembles varies with the demands of the works performed and in conformity with the original intentions of the composer.

Among the Collegium's authentically reproduced instruments are recorder, lute, gamba and harpsichord. The coming concert will feature lute and harpsichord solos, motets, songs, madrigals and dances by William Byrd, John Bull, Peter Philips, John Dowland, Thomas Morley, Thomas Weelkes and others.

This concert is open to the public without charge.

**CAMPUS COLUMNS**  
University of Missouri  
223 Jesse Hall  
Columbia, Mo. 65201

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Missouri

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# Cold weather brings ripoff artists indoors

While you are shifting most of your recreational activity indoors because of the change in seasons, thievery artists are moving inside too. Instead of bicycles and merchandise inside automobiles, the thief is now more likely to be ripping off typewriters and calculators.

Words of warning on the protection of "inside" property come from UMC police officers Mike Wagner and Mike Fay who constitute the crime prevention section of the University Police force.

Although Fay and Wagner have conducted numerous workshops and consultations with employe and student groups on methods of preventing theft, the loss rate of both University and private property at UMC is rising at an alarming rate.

"We hope that some of the increase is due to a better reporting system," Wagner says, "but there is no doubt that actual theft is on the increase, and its happening in universities all over the country."

Theft of private and university property on the UMC campus is up 91 per cent for the first ten months of this year, Wagner reports. He predicts that reported theft losses on the campus this year will surpass \$100,000. Local police believe that less than half the actual losses are reported.

One positive statistic is available — bicycle thefts this year are down slightly over last year. Much of the credit goes to UMC police who conducted a vigorous security program with bicycles.

Officers Wagner and Fay have the following suggestions for UMC employes

## United Way tops 1974 —Misses 1975 Goal

The United Way drive on the UMC campus had raised \$84,854.21 at the time Campus Columns went to press. The figure is 94 per cent of the goal of \$90,600.

Although this year's collections are nearly \$3,000 above last year's final total, the UMC goal was increased by \$6,600, meaning that the higher contributions still did not meet the expanded goal.

Special plaudits go to employes in the Medical Center and the University-Wide divisions. Both were well over their goals after missing their marks last year. The U-Wide collections were \$8,337, compared to a goal of \$7,200. The Med Center goal was \$17,500. Actual donations were 107 per cent of the goal, or \$18,716.

The Retired Employees Division was again over the top. The retired gave \$5,786 while their goal was \$4,900.

Money is still coming in from employes in the Campus Division which is nearly \$9,000 below its goal of \$61,000 as of press time. Members of that division who have not yet turned in cards are urged to do so.

## Power usage rises; conservation urged

Rex Dillow, assistant superintendent of Physical Plant, said that electric power consumption on campus has been slowly but continuously increasing. He urges that increased emphasis be given to limiting usage.

"Electric power consumption for November increased 6 per cent over November, 1974," he said. He intimated that a 6.7 decrease in steam usage is attributable in part to a 4.2 degree higher average temperature.

Dillow urged reduced lighting wherever possible, keeping room temperatures at 68 degrees, and elimination of use of electric heaters.

"We will correct any heating problem to raise the temperature to 68 degrees, including authorizing an electric heater if required," he said. "But it would be foolish to reduce thermostat settings to 68 degrees, only to use electric heaters which are more costly of energy."

Dillow said that equipment is being installed to permit night and weekend temperature setbacks to 55-60 degrees where technically feasible and when building use permits.

regarding the security of the University's and their own property:

- During weekends and vacation periods, place expensive office equipment such as calculators, dictaphones, cameras and cassette players, in locked file cabinets or in closets that can be locked.

- During times when offices are closed for extended periods, take your personal property home.

- Bolt typewriters to desk tops by using

lock-down devices available at the University Bookstore (approximate cost —\$5). Special tools are needed to install the locks. These tools are available at the police department or the carpenter shop. You need to report the make and model of the typewriter in order to receive the proper type of lock.

- Use engraving tools available at no charge at police headquarters in the General Services Building or from the

traffic control office at 816 Conley. These devices place permanent identification marks on property without damaging it. Police recommend engraving the inventory number on UMC property and your driver's license number on personal effects. An inventory of items thus engraved should also be kept.

- A special note to supervisors — with the end of the semester and the termination and addition of employes, now is a good time to take a key inventory. Be sure keys are turned in by employes who are terminating.

The police have a suggestion that applies to all seasons and especially to female employes. To discourage theft from billfolds and purses, carry them with you, or lock them up in desks or cabinets when you are away from the office. Thousands of dollars are stolen each year from purses in UMC offices because they were left unattended.

A final reminder to all employes — if you observe suspicious activity, report it at once to University Police.

Officers Fay and Wagner emphasize that simple modifications of offices and shops and rearrangement of equipment can often discourage the potential thief. They stand ready to consult with any supervisor interested in planning for a more secure working environment.

# campus columns

## UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 7, No. 5

Wed., Dec. 17, 1975

## Quarterly focuses on Missouri's economy

The first issue of Missouri Economic Indicators, a quarterly report designed to focus on key socio-economic indicators and data series pertaining to Missouri, has been published under the editorship of Warren G. Glimpse, director of the Public Affairs Information Service at UMC.

The 12-page publication contains a variety of monthly and quarterly short term economic indicators.

"The Missouri Economic Indicators brings together in a single publication important population, business, public financing, labor force, income, price, banking and housing information about the State of Missouri," commented Robert W. Paterson, dean of the College of Business and Public Administration.

"Current uneasiness among all of our citizens concerning business conditions, employment patterns, and state fiscal matters is obvious.

"We hope the publication will serve as a factual base upon which plans and policies of private and public agencies may be discussed in a timely and helpful way, both officially and in the press of the state."

While the project is a cooperative undertaking between the UMC College of Business and Public Administration and division of budget and planning of the State of Missouri, responsibility for specific content and presentation is that of the Public Affairs Information Service

of the College, he said.

Glimpse said that the basic intent of the publication is to make more timely data available which characterize current and relatively short-term trends in economic activity.

The publication is financed in part by a comprehensive planning grant from the U.S. Department of Housing and Urban Development. Glimpse said that the initial publication of 1,000 copies will be distributed to all state agencies, to legislators, local governmental agencies, and to public institutions and private firms throughout the state.

Copies may be requested through the Public Affairs Information Service, 311 Middlebush Hall.



Warmest Greetings  
from  
the  
Chancellor's  
House



Herb and Bess Schooling

# Compact shelving enlarges library

New compact shelving has begun to make some shelf space available in the crowded stacks of Ellis Library at the University of Missouri-Columbia.

Education and literature and language areas of the library are expanding into the area formerly occupied by some science monographs and journals. Those publications are being moved into the compact shelving units or "ranges" in the Science Library.

Installation of the compact shelving began last summer. The system uses trays which pull out like file cabinet drawers. These replace conventional book shelves and can double the usual number of books shelved.

The trays, or drawers, as they are called, pull out to four feet. Books are ranged along two sides and the front of the tray. Catalog numbers continue in sequence around the "U" arrangement of books in each tray.

At this time, books are shelved tightly, throughout the library, with books still out in circulation. Books are below the regular stacks, in alcoves and on the floor at the end of some aisles. Lesser-used books are stored in corrugated boxes stacked two high in stairwells and in corridors on all floors. This crowding can be seen even at the time of final examinations, when students are making maximum use of books.

First step in the transfer to compact shelving has been to bring together

monographs and journals in the Science Library, (in the 500s and 600s of the Dewey Decimal Classification). These have been designated as low-circulation publications.

Tim Hodgen, new science librarian, says some have not been circulated since 1962 when the library began using the Library of Congress cataloging system. From that time, for the most part, books circulated have been given the Library of Congress numbers.

The combined monographs and journals in compact shelving will take up about 34 ranges, double-faced sections of shelving, varying in length. As this transfer is accomplished in the south part of the Science Library, science reference materials will be combined in conventional shelving beside the study area.

Installation of the compact shelving has reduced study space in the Science Library from 4,800 square feet to 3,200. This became necessary when original estimates for the number of volumes shelved in compact shelving made by the manufacturer proved to be incorrect, due to the already "compacted" shelving of books in the library.

Books shelved in the stack area now can be expanded into the areas from which the science monographs and journals have been removed. There are some areas which have space for about a year's growth, according to Dwight Tuckwood, director of libraries. "The shifting process



OF COURSE, THE LIBRARY HAS HEARD THERE IS A STUDENT ROOM SHORTAGE. AND I'M REALLY SORRY! BUT THIS NEW AREA IS COMPACT SHELVING, NOT COMPACT HOUSING!

is making more available in the stacks, but still does not relieve shelving for new acquisitions in science, geography, history, philosophy and religion."

The library will continue to add compact shelving as funds are made available. Modification of shelving specifications will call for three-foot drawers, providing better weight balance than the four-foot, and drawers will be 20 inches wide to accommodate journals, usually nine inches wide.

Tuckwood says, "We are satisfied with what has been accomplished in providing additional shelving space for books through use of the compact shelving."

"There are some inconveniences to both the patron and library staff members that are not experienced in the use of conventional library shelving. We would like to confine all areas in which compact shelving is to be installed to 'lesser-used material'."

## Women's Center announces lunchbag seminars for '76

An expanded series of lunchbag seminars directed to challenges facing women in the '70s will be offered during the winter semester by the UMC Women's Center.

The seminars, open to community and University women, will be held at noon Mondays and Thursdays in the center's offices on the ground floor of Gentry Hall. Coffee and tea are provided.

Among the 30 topics to be covered through films and slides and by speakers and panelists are the psychology of rape, women as pawns of power, feminist institutions and humor in men and women.

Program dates, topics and speakers are:

Jan. 12 — "We Are Women," a film in which singer Helen Reddy makes a strong case for individual rights for women and what that would mean for men.

Jan. 19 — "Psychology of Rape," by Dr. Maria Lyskowski, clinical director, Mid-Missouri Mental Health Center. She will discuss various psychological traumas incurred as a result of rape.

Jan. 22 — "Women Vs. Women," by Lynne Dresser and Jackie Hallisey of UMC's Counseling Services. The discussion explores ways women stop women and the effects of competition.

Jan. 26 — "Feeling Your Power," by Jerry Sappington, UMC assistant counseling psychologist for UMC Counseling Services. The discussion premise is that women traditionally have relinquished their power, but have the option to take it back.

Jan. 29 — "Body Awareness," by Marlene Grissom, nurse practitioner for Planned Parenthood. She will focus on body awareness and cultural orientation towards sexuality.

Feb. 2 — "A Woman's Life — Choices and Compromises," by Ingeborg Mauksch, professor of nursing and family

nurse practitioner. A discussion on how women make choices in terms of different roles.

Feb. 5 — "Women As Pawns of Power," by Dr. Peggy Johnson, Stephens College history and economics teacher. A discussion of the institutionalization of women as inferior to men.

Feb. 9 — "From Freud to Suicide," by Nancy Lark, Stephens College residence counselor. Ms. Lark's discussion is premised on the belief that acceptance of Freudian theory has led to a negative self-perception in women and may be a possible factor in women's suicide.

Feb. 12 — "Women In Violence," by John Galliher, UMC associate professor of sociology. He will focus on the sociological dynamics of women in violent situations.

Feb. 16 — "Feminist Institutions," by Jackie Reese, president of the Columbia chapter of the National Organization for Women; Debra Law, a founder of Columbia's Feminist Federal Credit Union; and Jackie Wessel, co-ordinator of Columbia's Women's Place. They will discuss how feminist institutions support the needs of women.

Feb. 19 — "Sexual Myths In Our Society," by Dr. Joseph Lamberti, UMC associate professor of psychiatry, and June Herborn, ACSW, UMC instructor in psychiatry. They will discuss American sexual myths and their affects on interpersonal relationships.

Feb. 23 — "Humor In Women and Men," by Fred Breme, UMC assistant professor of education. He will explore the differences in male-female humor.

Feb. 26 — "Belly Dancing — By Women and For Women," by Sharon Scott. She will discuss belly dancing as an art form and include a brief demonstration.

March 1 — "Some Men Are More Perfect Than Others," a panel discussion by members of the Women's Center staff.

March 4 — "Women In Non-Traditional Careers," by Margaret Kline, mechanic; Dorothy Schoech, engineer; and Betty Wilson, attorney.

March 15 — "Double Jeopardy — To Be Black and Female," by Avis Graham, UMC doctoral student in psychology. An analysis of the double oppression of black women in America.

March 18 — "How To Get Your Parents to Treat You More Like A Person Than A

Daughter," by Sharon Pope, assistant director, UMC Center for Student Life.

March 22 — "Women In The Counter-Culture," by Corless Smith of the New Humanities Institute. A discussion of values and motivations of women who reject "straight culture."

March 25 — "Women and Government," a panel discussion featuring Fran Frueh, fifth ward councilman; Patsy Garner of the League of Women Voters; and Linda Lenau, legal chairman for the League of Women Voters.

March 29 — "How To Be A Whole Person In Married Society," by Lois Huebner, UMC assistant professor of psychology; and Gary Decker, doctoral student counseling services. They will look at the problems and advantages of being single and ways single people can make life full, rich and self-fulfilling.

April 1 — "I Will Follow Him . . . Or Will I? — Decision Making In A Two-Career Marriage," by Eileen Lineberry, UMC associate professor of extension education; Journalism School student Karen Olson; and Marvin Rogers, UMC associate professor of political science.

April 5 — "Assertion Training For Men and Women," by Cathy Steel, doctoral student in Counseling Services, and Frank Lahman, Stephens College counselor.

April 8 — "Men and Masculinity," by Michael King, Cary Shookoff and Cleary Eckelman, doctoral students in Counseling and Personnel Services; Neal Sofian, graduate student in community health and medical practice; and Frank Lahman, Stephens College counselor.

### Social Security wage base changes

The taxable wage base for social security has been changed from \$14,100 to \$15,300, according to Charles R. Cottingham, editor of the University-wide procedures manual.

Cottingham said the change is effective Jan. 1. As soon as the \$15,300 base has been reached, no further deduction of Social Security payments will be made.

### Carpool

Carole DeLaitte of the State Historical Society needs a ride daily from Bunce-ton or Lone Elm to the University and back. Please call her at 443-3165. Other UMC employees who need rides may have such requests published in Campus Columns by calling the editor at 882-6211.

### CAMPUS COLUMNS

Campus Columns is published monthly except July and August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office: 882-6211.

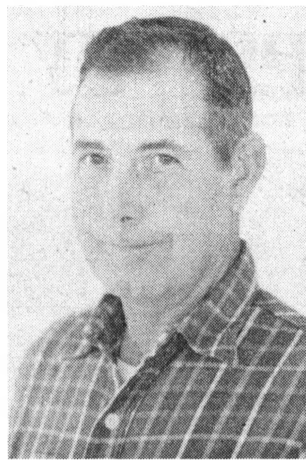
For change of address, obtain W-4 Form from departmental office, fill out entirely, and send to Payroll Office, 16 Jesse Hall. Editor: Anne D. Robinson

The University of Missouri  
An Equal Opportunity Institution

# Service Awards



**Charles H. Hayes**  
Food Service II  
Pershing Group  
15 years



**Thomas H. Davison**  
Herdsman  
Animal Husbandry  
15 years



**Ruby H. Maxwell**  
Library Clerk II  
Library  
15 years



**Wanda W. Forbis**  
Secretary Stenographer  
Physical Education  
10 years



**Kathryn S. Hartel**  
Administrative Assistant  
Business Officer  
10 years



**Rowland H. Smith**  
Information Spec. III  
OPI  
10 years

## Sterile lab walls are transformed by design class' imaginative work

The blue and green peacock on the walls of the Low Level Radiation Laboratory Whole Body Counter at the UMC is there for a special purpose — to make an anxious experience a little easier.

Design students created and painted the dragons, alligators and other creatures which surround persons in the waiting room and laboratory. The geiger-counter-like instrument gauges the amount of lean body mass of an individual. The building is located in the Agricultural Center area.

Noting how apprehensive children could be about rolling into the laboratory on a table and seeing the big door close behind them, a former professor in the College of Home Economics suggested that the interior design department could make that environment less threatening.

Robert Kabak offered the challenge to his beginning design class. Students came up with sketches of unusual animals, which they adapted to wall spaces of the building. The murals also were designed to be seen through the class walls as one approaches the laboratory.

Kabak says the students were resourceful and imaginative, doing all the work themselves with paint provided by the laboratory. They painted on their own time, rearranged the waiting room to which they added fish and flowers.

Margaret Flynn, professor of nutrition, community health and medical practice, who uses the Whole Body Counter for many studies, says a few children had been uneasy upon entering the laboratory.

"But we haven't had an uneasy child since the animals put in an appearance. Children seem more at home with the animals there." She adds that persons of all ages enjoy the bright creatures during visits to the laboratory.

Kabak explains that such projects as the animal paintings, "as well as being worthwhile contributions to the campus, allow beginners to see their ideas become concrete and discover the range of their design capabilities."



**Holly Duello (center) enjoys fanciful animals in the Low Level Radiation Laboratory Whole Body Counter. With her are Robert Kabak whose beginning design students created and painted the blue and green peacock and other animals on the walls of the waiting room and laboratory. Holly's mother, Kae Duello, a graduate student, is shown on the right.**

## 5-year pins

Five year service pins have been awarded to the following UMC employees:

David L. Branstetter, patrolman, traffic safety; Rosa E. Glascock, chief accounting clerk, forestry; Charles E. Kruse, research specialist, agronomy; and Roy E. Schooler, janitor, janitors.

Mike Lee Brown, food service worker II, dormitories; James B. Curtis, foreman agriculture, horticulture; Lorraine Woolfolk Duffen, cashier, fiscal business office; and Mary Rosalie Murdock, janitor, janitors.

## Cash performs at Hearnese Aud Jan. 22

Singer Johnny Cash and a whole retinue of his Country Music family including June Carter, Mother Maybelle Carter, the Carter Family, Tommy Cash, and the Tennessee Three will perform at 8 p.m., Thursday, Jan. 22 in the Hearnese Auditorium.

Tickets for the Cash Show go on sale Monday, Jan. 5 at the Hearnese Box office for \$4, \$5 and \$6 each. Box office hours are 9 a.m. to 5:30 p.m. Monday through Saturday.

Cash has become a legendary figure on the Country music scene with hits such as "A Boy Named Sue," "Jackson," "A Ring of Fire," "Orange Blossom Special" and the "Folsom Prison Blues."

## News & Notes

Howard C. Hopps, curators professor of pathology at UMC, has been appointed chairman of a National Academy of Sciences study panel to explore the relationships between geochemical environment and the aging process in human beings and other higher animals.

The panel is particularly interested in the geographic distribution of persons and animals with exceptional longevity and will work to identify those factors that contribute to high quality of life among the aged as well as longevity. The panel expects to complete its study within 18 months.

The study is one of several emanating from the Academy's subcommittee on geochemical environment related to health and diseases of which Hopps was co-chairman until July.

Four "golden apples" and a special citation were presented to UMC medical faculty members at a honors convocation Dec. 4.

The awards were voted by students last spring but were not announced until the convocation.

Recipients of "golden apple" awards for excellence in teaching were Brent M. Parker, selected by third and fourth-year students for recognition as a clinician; William Baskin, post-doctoral fellow in gastroenterology, selected as the outstanding teacher among residents in training; Michael Hart, selected by the second year class for excellence in teaching; and Gary Dunkerley, selected by first-year students for excellence in teaching.

Fred V. Lucas, chairman of the pathology department, received a special cer-

tificate given by the Student Executive Committee for his service to students through his devotion to excellence in medical education.

Hart, now on the faculty of the University of Iowa, returned to Columbia to accept his award.

★★★★★

President C. Brice Ratchford was one of eight national winners of the 4-H Gold Alumni Key award during the 45th National 4-H Congress which was held in Chicago Dec. 3.

Winners were selected by the Cooperative Extension Service. Other award recipients were from the states of Arkansas, Colorado, Iowa, Nebraska, Ohio, Texas and West Virginia.

There are more than 33 million 4-H alumni in the United States.

### News-In-Sound

For a brief nightly run-down of cultural events, entertainment features and campus news call News In Sound, 882-7869, produced by the Office of Public Information for the University of Missouri, Columbia.

# UMC patrolman earns anthropology degree

Police work and anthropology may not seem to have much in common, however UMC patrolman William C. Dunlap claims there are several similarities between the two fields.

Dunlap is currently working on an M.A. in anthropology through the University's Educational Assistance Program. He completed a B.A. in the area last December.

"In police work, you take all the information you can gather from the people involved in the case. . . written statements and actual hard evidence. . . and try to establish what really happened," Dunlap explains. "In anthropology, you use the historical documents left by the Greeks and Romans, plus any artifacts, and attempt to come up with the answers about a particular culture."

Dunlap, who has been at UMC for the past seven years, spent nine years on the Kansas City police force. Previous to that, he served as a sheriff's deputy in a small Missouri town.

"I have always been curious about what happened in the past," Dunlap says with a smile. "My family came from Ireland. When I was young, I always enjoyed getting the older people to tell stories about our ancestors."

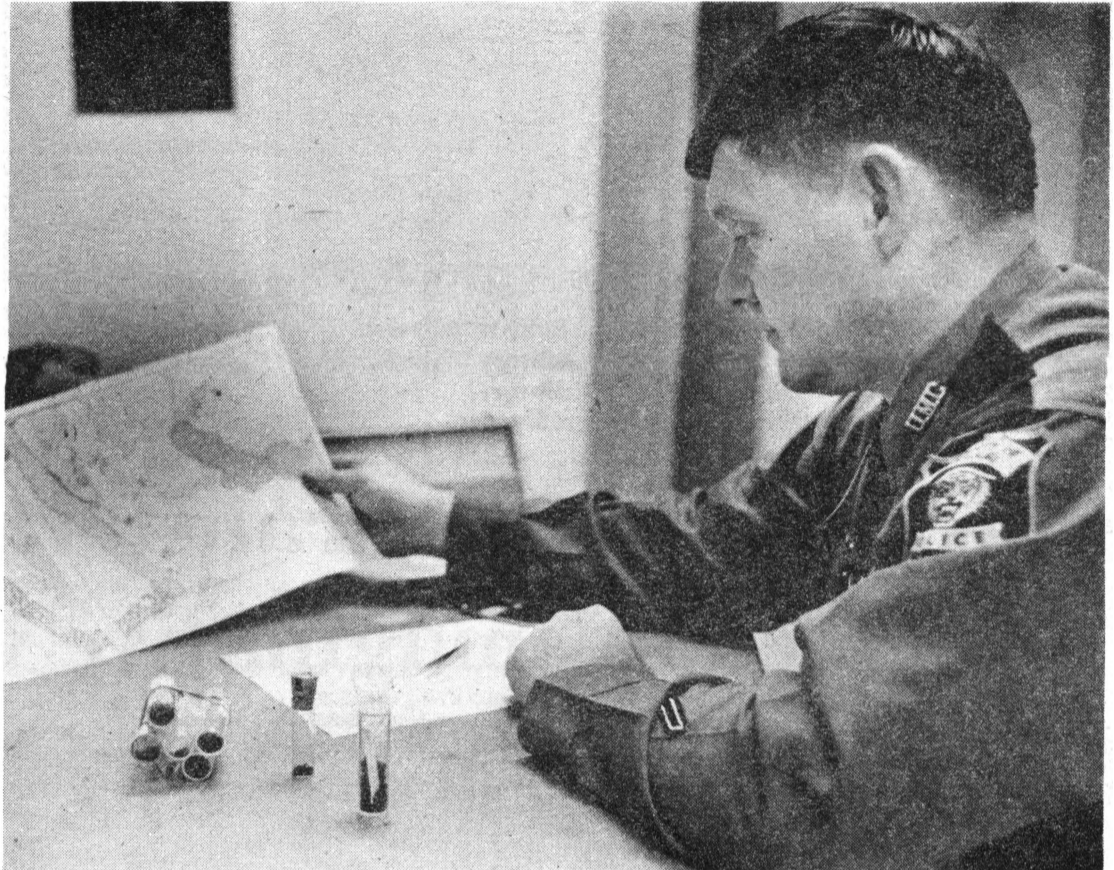
Because of his interest in ancient cultures, Dunlap's high school superintendent recommended that he go into either anthropology or archaeology. However, the Korean War intervened and Dunlap enlisted in the army.

"When I came back after a couple of years in the service, I decided that it was too late to go to school," Dunlap relates. "So, I went into farming for a while and eventually ended up in police work."

But, since that time, the 42-year-old patrolman realized that "life wasn't going to get any longer and what I really wanted to do was study anthropology."

He admits that working fulltime and going to school hasn't been easy. Since he works the night shift from 11 p.m. to 7

Although he intends to go on for the Ph.D. with college-level teaching as his final



a.m., some classes he needs to take are scheduled in the mornings when he should be sleeping. He tries to set up his schedule so that he can catch up on sleep on Tuesdays as well as over the weekends.

"Having a job, family and studies, none of which I can afford to neglect, sometimes gets a little difficult," Dunlap says. "Sometimes, it is hard to get enough sleep before going to class, so when I get there my mind feels like it is full of blanks!"

Dunlap doesn't seem to have any problems because he is an "older student." He says he has no trouble getting along with the other students, most of whom are in their 20s, because he really doesn't feel "much older than 21" himself.

"If you treat people as equals, they will usually do the same for you," Dunlap insists. "I learned a long time ago that most people are pretty nice."

goal, Dunlap admits there will be a lot

about police work that he will miss. "Like anything else, police work gets in your blood," he says, "however, learning new things is just as exciting to me."

Dunlap hopes to concentrate his studies on the LaTene Celtic period in Scotland, Ireland and Wales. Both the areas and the age (about 200 B.C. to 100 A.D.) are relatively unexplored.

Dunlap has been taking an average of nine hours of graduate work per semester. He hopes to finish his M.A. this summer and begin work on the Ph.D. next fall.

Although his wife was very understanding of his desire to return to school, Dunlap says that sometimes his four children, ages 8 to 14, "don't really understand why Daddy has to study."

"They think I ought to be able to do something with them instead," Dunlap says. "I guess that is the biggest problem with returning to school, it is difficult for your kids to understand."

## Educational assistance: UM, employe benefit

A total of 10.7 per cent of the University's fulltime, permanent employes took advantage of the Educational Assistance Program during 1974-75, according to Donald Zick, University-wide manager of employe training and development.

Zick said 1,246 UM employes took 7,794 credit hours. During the past fall semester, 388 UMC administrative employes and 157 academic employes took courses on the Columbia campus.

"The last time I checked, the average use of educational assistance programs throughout the country was about six percent," Zick said, "so, our usage is above the average."

Zick said the program was initiated in 1969 because of the "basic need for employe training and development." he adds that historically, educational assistance is basic to any training program because "the idea is to make use of existing courses before starting new ones."

All University fulltime, permanent

administrative, service and support staff employes are eligible to use the program after the first six months of employment. Faculty members may apply immediately. Employes who are formally admitted to the University may take up to six credit hours per semester and receive a 75 percent reduction on the incidental fees.

"This adds up to a significant reduction in cost to the employe," according to Zick. "For instance, six credit hours would normally cost \$186.00, however, under Educational Assistance Program, the employe only pays \$46.50."

Prior to registration, those employes interested in the program must fill out UM UW 84-1 form (which can be obtained from the Personnel Services or the purchasing department storeroom). This form must be okayed by both the employe's department head and the Personnel Officer prior to payment of fees.

Zick said time taken away from work for classes either must be made up, deducted from vacation time or the employe must arrange for a salary adjustment. If a course is "work related" and an employe is requested to take it then this is not necessary.

"Establishing whether or not a course is 'work related' is the department director's decision," Zick notes. "The decision must be approved by Personnel Services. There is no hard and fast definition of the term 'work related.'"

Zick points out that a 1974 Iowa State Survey showed that 95 per cent of all Big Eight, Big Ten and ten other universities had educational assistance programs.

"This kind of program was initiated because it has a two-way benefit," Zick said. "Both the employe and the University benefit by the employe becoming a more capable, educated individual."

# Nigerian teacher pursues studies at UMC

Improvement of housing and better nutrition in Nigeria are two major concerns for Susanna Eke-Nwosu, Nigerian home economics training teacher studying in the College of Education.

She is working on her master's degree in home economics education under an international fellowship from the American Home Economics Association.

Eke-Nwosu finds very helpful the integration of home economics with related subjects in her field of interest — home economics education, vocational education, journalism, extension, child care and dietetics.

In a seminar, "Current Issue of Concern to Home Economics Education," she is studying ways of teaching and preparation of teaching materials. Some of the materials she is seeking to take back for her college micro-teaching unit are films on agriculture suitable for her country, slides and other materials for her special interests of housing and nutrition. She plans to prepare some of these audio-visuals herself.

"Homes of the Nigerian peasants," she says, are built of mud blocks, plastered with concrete and roofed with palm leaf mats. Kitchens are separate buildings. Major nutrition problems are in storage and preservation of food.

She emphasizes, that there isn't a food shortage but "a lack of balance in the diet." "Not as many green vegetables are

available. Eke-Nwosu is investigating various types of food containers and hopes to take samples back with her.

The Nigerian college where she teaches has a micro-teaching, or resources, unit,

with television and other audio-visual facilities. Training, personnel and equipment in the unit have come from the United Nations Educational, Scientific and Cultural Organization (UNESCO) and

United Nations.

Eke-Nwosu trains home economics teachers for high schools and teacher training institutions. She is in the School of Natural and Applied Sciences, Alvan Kkoku College of Education in Owerri, East Central States (E.C.S.) Nigeria. The country is a republic of about 55 million, larger than Texas, with 12 states of black Africans, divided into ethnic groups.

Her home town is Ihiala, near Onitso, E.C.S., where she received her teacher training. She obtained her higher diploma (equivalent to the American bachelor's degree) from the Institute of Education, Liverpool, England. She continued in the master's program there, with special work in clothing and textiles, home management and family affairs. Eke-Nwosu returned to Nigeria to the State Ministry of Education inspectorate division for women.

Her father is an elementary teacher. Her sister is a medical midwife, her brother is studying biology education in London and a niece studies pharmacy in the University of Nebraska.

"We grouped ourselves in education and health," Eke-Nwosu says.

Her advisers at UMC are Dr. W. R. Miller, chairman of the department of practical arts & vocational-technical education; and Dr. Betty Martin, coordinator, home economics education.



Susanna Eke-Nwosu, right, and adviser Betty Martin discuss home economics audio-visuals.

## Memorial Union, Brady Commons intersemester holiday schedule

Date
Saturday, Dec. 20
Sunday, Dec. 21
Monday, Dec. 22
Tuesday, Dec. 23
Wednesday, Dec. 24
Thursday, Dec. 25
Friday, Dec. 26
Saturday, Dec. 27
Sunday, Dec. 28
Monday, Dec. 29
Tuesday, Dec. 30
Wednesday, Dec. 31
Thursday, Jan. 1
Friday, Jan. 2
Saturday, Jan. 3
Sunday, Jan. 4
Monday, Jan. 5
Tuesday, Jan. 6
Wednesday, Jan. 7
Thursday, Jan. 8
Friday, Jan. 9
Saturday, Jan. 10
Sunday, Jan. 11

Commons
CLOSED
CLOSED
8 a.m.-3 p.m.
8 a.m.-3 p.m.
8 a.m.-3 p.m.
CLOSED
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8 a.m.-3 p.m.
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CLOSED
8 a.m.-3 p.m.
8 a.m.-3 p.m.
8 a.m.-11 p.m.
8 a.m.-11 p.m.
7 a.m.-11 p.m.
8 a.m.-11 p.m.
2 p.m.-11 p.m.

Union
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CLOSED
8 a.m.-5 p.m.
8 a.m.-5 p.m.
8 a.m.-5 p.m.
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8 a.m.-5 p.m.
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8 a.m.-5 p.m.
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8 a.m.-5 p.m.
8 a.m.-5 p.m.
CLOSED
CLOSED

Brady Commons Snack Bar will be open from 8 a.m. to 3 p.m., through Jan. 7. Closed when building is closed. Resume regular schedule on Jan. 8, 1976.

The Games Area will be open during periods when the building is open.

The Book Store will be open from 8 a.m. to 3 p.m., through Jan. 6, and 8 a.m. to 5 p.m. Jan. 7, 8, 9, closed on all days the building is closed.

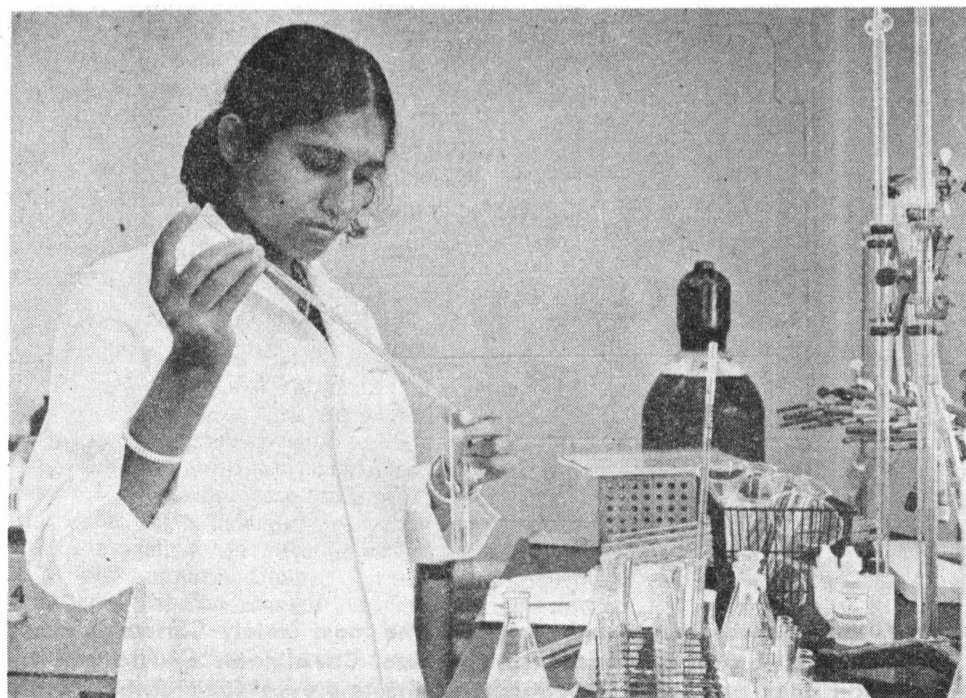
The Bengal Lair has suspended operation until Jan. 12, 1976.

The Cafeteria will be closed until Jan. 5. Open Jan. 5 through Jan. 9 from 8 a.m. until 1:15 p.m., Regular schedule resumes on Monday, Jan. 12.

The Nook will be open from 8 a.m. to 4:30 p.m. on Dec. 22, 23, 24, 29, 30, 31, Jan. 5, 6, 7, 8, 9. Resume regular schedule on Jan. 12, 1976.

Hawthorn Room will suspend operation until Jan. 12, 1976.

## Contraception — undernutrition interaction to be studied



The effect of a contraceptive drug on undernourished women is a study that Purabi Dutta, a doctoral student in nutrition at UMC, wants to extend to women in her native Bangladesh.

Dutta is in the human nutrition department of the College of Home Economics. She is working on the first phase of her study under an international fellowship of the American Association of University Women.

Because undernutrition is a major problem for the women of Bangladesh, Dutta wished to determine how this might influence the effect of a long-acting injectable contraceptive drug.

Her present work is a metabolic study of the drug, involving female rats. Using guidelines from this animal study, she plans to conduct a similar study with Bangladesh women.

Dutta expects to return to the university of her native city, Dacca, where she received a bachelor of pharmacy degree. She did her master's study in biochemistry at the Medical College of Pennsylvania in Philadelphia.

At UMC she worked earlier with William Yamanaka, former assistant pro-

fessor of nutrition in home economics on a program for malnourished children in the Head Start Program of the Missouri Delta area.

Bangladesh, east of India, was part of Pakistan until 1971. It is now an independent country, overpopulated, in which lack of food is a major problem.

Advisers in her graduate project at UMC are Margaret Flynn, associate professor of nutrition, community health and medical practice, and Mostafa Fahim, professor of obstetrics and gynecology.

### John Thompson appointed manager of cashiering

John Thompson has been appointed as manager of cashiering to fill the position vacated by the retirement of Fay Disinger. Thompson was formerly assistant manager of operating budget.

Russell Fieg will assume the duties of assistant manager of operating budget. Fieg is a former senior fiscal analyst for nursing service at the University Hospital.

## 'Double' your driving during snowy winter months

People need to "double their driving awareness" when the cold weather rolls around, according to David C. Keller, UMC safety representative.

Keller suggests that if roads and streets are slippery, change your route, if possible, to avoid hills. He says that if it has snowed, chains are essential unless you have snow tires. If you feel groggy while driving, stop the car and take a brief walk or stop at a nearby place for coffee. Keller says that if you have been drinking, it is best not to drive at all.

Other safe driving tips from Keller include the following:

- Use a rag to dry your shoe soles when you slide into the driver's seat during

snowy weather. A slippery foot can slid off the brake and cause an accident.

- To aid traction, carry a supply of sand, ashes, or rock salt with you in case you get stuck; an old burlap sack or blanket will also do.

- Carrying a shovel is a good idea, but over-exertion isn't. Hospitals report hundreds of heart attacks every winter by snowed in motorists.

- If you're stranded in an unknown place during a snowstorm, stick with your car. It's safer than hitting the road in the hope of getting help.

- Never leave your engine running while asleep in a closed vehicle.

- Don't let your fuel tank run too low. The more gas you have the less chance of condensation and fuel line freeze-up.

- When the road is slippery, maintain a substantial extra distance between your car and the vehicle ahead. The two-second and one car length per 10 m.p.h. rules are for dry roads and ideal conditions.

- Stop gradually on slippery surfaces by

pumping the brakes on and off. If you should need to stop more quickly the speed of the jabs on the brake can be increased with remarkable effectiveness.

- When driving in snowy weather, use your low headlight beam. Don't blind oncoming drivers with your brights. When starting a garaged car, keep the doors open while the engine is on.

### Know your curators:

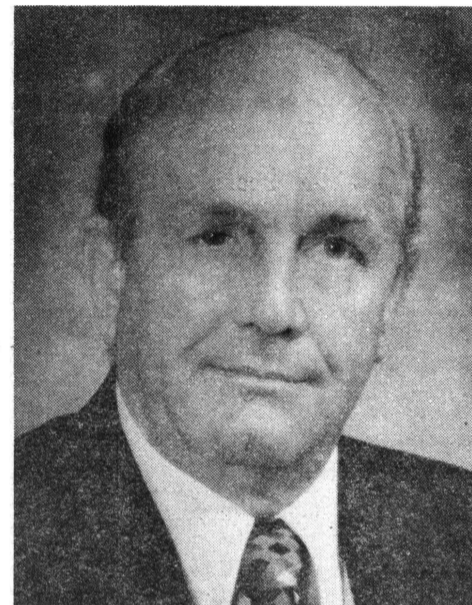
## Pleasant R. Smith

Pleasant R. Smith, a Mexico businessman and civic leader, was appointed to the Board of Curators in 1965 and reappointed in 1971.

Smith was territorial manager for Allis-Chalmers Manufacturing Company for 15 years. He is secretary of the Gallaher-Smith Feutz Realty Inc.

Smith graduated from UMC in 1949 with a degree in business administration. He earned four varsity letters in basketball and was co-captain of the 1948-49 team.

He served three years on the Mexico City Council and three years with the City of Mexico Housing Authority as vice chairman. He is vice commissioner of the Little Dixie District of the Boy Scouts of America.



## KBIA offers Columbians 36th Met concert season

Radio station KBIA, 91.3 FM, is now carrying live broadcasts of the Metropolitan Opera's 36th consecutive season.

Listeners will hear two never-before broadcast operative masterpieces — Puccini's three one-act operas designated "Il Trittico" ("Il Tabarro," "Suor Angelica," and "Gianni Schicchi." The last was heard in a broadcast last season.) The second new performance will be Bellini's "I Puritani," featuring Joan Sutherland, Luciano Pavarotti and Sherrill Milnes in leading roles.

Two new productions of old favorites during the season will be Verdi's popular "Aida" and Mozart's classic "Marriage of Figaro." During the season, Verdi will also be represented by "La Traviata" and Mozart by "Cosi Fan Tutte."

Other highlights of the 1975-76 broadcast season will include Bizet's "Carmen," Humperdinck's "Hansel and Gretel" (the first opera ever broadcast by the Met in 1931), Strauss' "Electra," Rossini's "Siege of Corinth," Mussorgsky's "Boris

Godunov," Rossini's "Il Barbiere di Siviglia" and Beethoven's "Fidelio."

Also to be broadcast are Bellini's "Norma," Strauss' "Ariadne auf Naxos" and "Der Rosenkavalier," Puccini's "Madama Butterfly" and Ponchielli's "La Gioconda."

The 20-week broadcast season will end April 17, 1976 with Wagner's only comic opera, "Die Meistersinger von Nurnberg."

Geraldine Souvaine, who for the past 35 years has produced the intermission features "Opera News on the Air" and Texaco's Opera Quiz — will return for her 36th year at the helm of these between-the-acts "mini-shows."

Peter Allen, who stepped in at the last minute for veteran announcer Milton Cross after the latter's sudden death last Jan. 3, will be back this season to narrate the opera plots.

All broadcasts will be aired on Saturday afternoons. Times will vary, but most performances will begin at 1 p.m. Listeners should consult weekly program listings.

## Foundation honors Johnson

Clayton H. Johnson, associate professor of geology at UMC, was unanimously selected to receive the 1975 award of the American Federation Scholarship Foundation. Johnson was presented with a plaque Dec. 12 by the Midwest region former president, Mark Harris, emeritus professor of civil engineering at UMC.

Harris said that a similar award is presented annually by each of the six regional foundations. The current regional president is Wallace Howe of Rolla, state geologist, who was nominated by Harris as his successor. Howe nominated Johnson for the award with the unanimous support of the committee.

The foundation was established a decade ago by the American Federation of Mineralogical Societies and annually

presents 12 \$1,000 graduate scholarships. One of the recipients is Norman Granemann of New Haven, currently enrolled at UMC.

Harris said that the award to Johnson was made in recognition of several years of service to education in the earth sciences.

Johnson, UMC and Cornell graduate, has been on the faculty here since 1945 and has been active in geology and science organizations as well as in research. He was overall director of a program to train teachers in secondary schools for the newly developed earth science courses developed in the late 1960s. The training program was financed by the National Science Foundation and was offered as UMC as well as at other schools in the state.

## Athletic dining hall manager combines business and pleasure



Charles Eubanks is one UMC employe who clearly views his job as a combination of business and pleasure. As manager of UMC's Athletic Dining Hall, he often works overtime while overseeing a cafeteria that feeds all of the University's sports teams. But, at the same time, he likes his job's fringe benefits.

"I enjoy being with the athletes because I love sports," he says.

When Eubanks isn't in his cafeteria, he

can occasionally be found watching his young athletes.

"I go to all the football games, and drop in occasionally on other sports," he says, laughing. "As a matter of fact, the swimmers were giving me a rough time because they didn't see me at their meet."

Eubanks, 37, is an ex-outfielder himself, and a former Babe Ruth league baseball coach. One of his prized possessions, a plaque honoring his 1968 state championship team, hangs on his office wall.

He started with UMC as a janitor in 1959, then transferred to food service "because there was a future in it."

Eubanks did indeed have a future in food service. He was promoted from assistant cook to head cook, then from food service supervisor to manager.

Eubanks says he took advantage of management training courses offered during summer.

"They're training to elevate people in food service," he says. "And I wanted to elevate myself."

Eubanks is a family man who treasures the time he's able to spend at home.

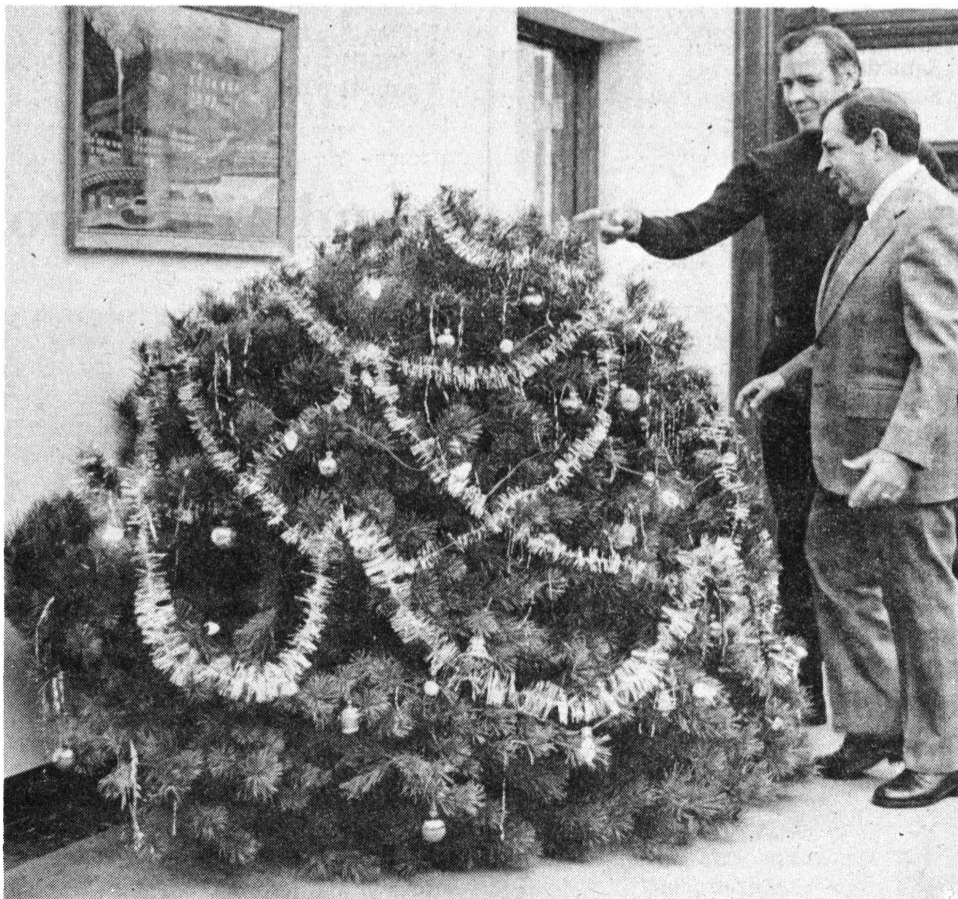
"I've got two children and one wife," he says.

And, he says, he tries to bring some of his family involvement into his job.

"I run my dining hall like I run my family table," he says. "I want my boys to be able to sit down and relax."

That philosophy has worked out.

"In the two years I've worked here there's never been a cross word in my dining hall."



Well, the Business Office may not have the most stately Christmas tree on campus, but it sure is a conversation piece. Coordinator of Facilities John R. Parker, rear, and Frank Quattrocchi, associate provost for program development and resource management, discuss the aesthetic effects of the tree.

# Ratchford responds to Bond's recommendation

Printed below is the complete text of President Ratchford's statement to Governor Bond at the governor's hearing on state appropriations held Dec. 9. Dr. Ratchford's statement followed the governor's release of his recommendations for funding state agencies for the 1976-77 budget year. The governor's request was for an increase in state monies of \$5.86 million for the University which earlier requested a \$19 million appropriations increase.

Mr. Governor, we always appreciate the opportunity to appear before you. I will take a few minutes to trace what has transpired regarding this budget.

In August the Board of Curators approved and submitted to you a budget which called for an increase of approximately \$20 million, with \$19 million to come from state general revenue. The Board indicated at the time the budget was approved that, because of revenue prospects deriving partially from the economy and partially from the tax structure, the state probably could not afford such an increase. The budget was thoroughly examined, however, and it was deemed that such an increase was needed if the University was to stand still in terms of quality. I submit that almost anyone who studies the document carefully will reach the same conclusion as did the Board of Curators.

Then the Coordinating Board for Higher Education, under the leadership of Mr. John Biggs, developed a formula which was widely discussed and certain revisions made. I have some reservations about budgeting by strictly-applied formulas. These reservations have been expressed on numerous occasions. The CBHE formula, based entirely on the general revenue part of the budget and student credit hours, assumes that all public institutions of higher education are the same. This tends to discriminate against multi-mission institutions such as the University of Missouri. This can easily be demonstrated mathematically. Nevertheless, I endorsed the formula developed by Mr. Biggs as the best approach available at the time.

An effort was made to provide for increased enrollments and some inflationary impact. When this formula was applied, it generated approximately \$11 million for the University. Last month a recalculation was made which changed the inflationary assumption from eight per cent to six per cent. The formula still generated some \$9 million for the University. If one takes the State Budget Guidelines developed by your office that approximately six per cent be added for salary and wage increases and that

selected operational items be increased to ease inflationary impact, \$10.5 million would be generated for the University. We now are faced with a recommendation of \$5.86 million. I do not understand how this figure was reached. I am amazed, however, at the final results.

The increase for all of higher education from general revenue is 8.99 per cent; the amount recommended for the University is 4.9 per cent.

The University's enrollment has increased each year, and much of this has occurred in the more expensive programs. Our responsibilities have been increased, largely by forces outside the University. One example is the Truman Campus, the former Independence Center, which was transferred to us. Another example and one that is quite expensive is the Rusk Rehabilitation Center. We also are faced with funding the sixth and final year of the new medical school in Kansas City which was assigned to the University by the General Assembly.

I am honestly at a loss to understand why the recommended rate increase for the University could be only about half that of all public higher education. One of the supposed attributes of formula budgeting is equity. I cannot determine by any type of arithmetic that this objective has been achieved for the University.

On any basis of comparison I can find, it seems that the University has less money to do the necessary and desirable than just about any unit of government or agency in the state.

Let me move now to the impact of your recommendation.

The \$5.86 million proposed increase will just about cover the cost of items over which the University has no control. I am referring to items such as the increase in cost of fuel and utilities which amounts to about \$2 million, the price increase on necessary supplies and equipment, added insurance cost, operationalizing the sixth year of the medical school in Kansas City, and similar items which I think you will agree must be met by some means. If they are met under your recommendation funding, there is nothing for salary and wage increases.

The most severe impact is in terms of quality. With the funds which were available in the budget for the current year and those proposed for next year, the University is not able to make any provision for the two-year enrollment increase of some 2,000 full-time equivalent students. We have been handling the problem in a variety of unsatisfactory ways, sometimes less experienced instructors, sometimes larger classes. Equipment in the teaching laboratories

grows more obsolete, and it is a disservice to students when their experience is on obsolete equipment. We continue to fall seriously behind in maintaining our libraries. And again, we were not in good shape before the recent years of very restricted budgets.

A point which seems to be lost is that no other educational institution in the State of Missouri has the same mission as the University of Missouri. A public land-grant university is not only a teaching institution — and even in the teaching mission we are unique, since we have sole responsibility for Ph.D. programs and many professional programs, some of which are very expensive. But beyond teaching, the University of Missouri has mandated research and extension missions.

For a number of years we have compared data with similar Big Eight and Big Ten institutions. More recently, data are available for comparison with the public members of the American Association of Universities, the major research institutions. We are lagging behind these types of institutions. It is particularly noticeable in faculty salaries. It is axiomatic that a quality faculty is critical to a quality university. Even though the academic job market is not what it once was, there continues to be a demand for experienced, outstanding professors. We lost relatively few this last year because of the hope and belief that things would be better. Another year, however, will convince many, even though they like the University and the state, that they should move elsewhere. Those who can and will move are the very ones who are needed to maintain a quality University and meet the multiple missions. Service and support personnel also are essential, and most of them have been very hard hit by inflation. Skilled jobs can be filled because of current unemployment rates in the general economy, but we face a sharply increased turnover rate; this is very expensive in terms of efficiency.

Another measure of comparative quality comes from a study by the American Association of Medical Colleges. This showed that Missouri ranked last among the states in general revenue appropriations for the UMC medical school in relation to the per capita income of citizens in the state. Recent data also indicate that state support for the School of Veterinary Medicine on a per student basis is either last or next to last among the public institutions.

Agricultural research and extension are basic missions of this university. There is a large and important agricultural industry which depends on the University as its research and development arm. Again, comparisons in terms of total dollars on a

per farm or per capita basis indicate that we are falling farther behind other states in our region in support of this important work. The benefits of this kind of R and D are immediate and large to the state and national economy.

At alternative source of funds, and one which has rather consistently been used, is higher student fees. This will continue to be explored. There are several aspects, however, that must be examined. First, student fees at the University of Missouri already are substantially higher than those for other public institutions in Missouri. We are even getting quite high in relation to comparable public institutions in other states. Each time there is a fee increase, access is denied to some students who have the motivation and the ability to attend the University. A more subtle factor in connection with fees relates to the role of the University. If the University becomes the same as every other public institution in the state, why should students pay the higher fees to attend? A basic philosophical concept is at stake. Is the State of Missouri going to maintain a quality, multi-mission public university — not just a college, but a university?

On every hand, I am told that the people want a first-rate university — one that compares favorably with other institutions of our type. The budget for the current year, where every cent of the increase in general revenue provided only a 4.6 per cent salary increase, and the proposed appropriation are ways not to have the type of institution that the people say they want.

The University has tried in every way possible to act responsibly. We went through a very torturous process of institutional reappraisal. A number of activities have been reduced or eliminated. All possible means of increasing efficiency will be continued. In spite of our best efforts, though, the consequence of your recommended appropriation is a decline in activities and quality.

I understand the revenue situation in the state. But I think the University of Missouri is at least entitled to equity within the state.

Beyond that, however, I repeat is a fundamental philosophical issue. The public university and the land-grant philosophy combine in the greatest institution devised in this nation to serve the concepts of democracy, to open opportunity for individuals, and to enhance the quality of life of the people and the community in general. Diminish its effectiveness and we diminish our society. That is what is happening in the State of Missouri and the people ought to know about it.

## Library announces holiday schedule

Holiday hours for Ellis Library have been announced.

From Dec. 18 through Jan. 11, the library building will be open Monday through Friday, 8 a.m. to 5 p.m., with circulation and reserves closing at 4:50 p.m. On Saturdays, the building is open from 8 a.m. to 12 noon with circulation and reserves closing at 11:50 a.m.

The library will be closed on Sundays, on Christmas Day and the day after (a floating UMC holiday), on New Year's Day and the day after (a floating UMC holiday).

On Jan. 12, the regular schedule resumes for the winter semester: Monday through Friday, building open 7:30 a.m. to 11 p.m., circulation and reserves closing at 10:50 p.m.; Saturday, building open 8 a.m. to 11 p.m., circulation and reserves closing at 4:50 p.m.; Sunday, building open 2 p.m. to 11 p.m., circulation and reserves closing at 11:50 p.m.

## Calendar of Events

### Academic Schedule

- Jan. 8: Winter semester new student orientation.
- Jan. 9: Winter semester registration.
- Jan. 12: Winter semester classwork begins, 7:40 a.m.

### Athletic Events

- Jan. 16: Women's Basketball: Northwest Missouri vs UMC, 7:30 A, Hearnes' Big Floor.
- Jan. 17: Women's swimming: Oklahoma U. vs UMC, 1 p.m., University Swimming Pool.

### Conferences, Short Courses

- Jan. 18-20: Mo. School Boards Assn. and Mo. Assn. of School Administrators 9th Annual Meeting, at the Ramada Inn and Memorial Union.
- Jan. 19-23: Soil Conservation Service Employees Short Course, Union.
- Jan. 18-20: Mo. School Boards Assn. and Mo. Assn. of School Administrators 9th Annual Meeting, at the Ramada Inn and Memorial Union.

### Deadlines, Other Events

- Dec. 30: Spectrum Deadline
- Jan 12: Faculty Bulletin Deadline
- Jan. 14: Spectrum Deadline

### Films, Exhibits

- Jan. 11-30: Exhibition by two British printmakers. David C. Dickinson and Phillips S. Wetton, Fine Arts Gallery.

### Lecturers, Speakers

- Jan. 14: Engineering Seminar: Jack Jones will speak on "Factors that Contribute to the Eutrophication Process in Lakes," 7:30 p.m., S-204 Memorial Union.
- Jan. 16: University Club 1975-76: Senator Larry Marshall will speak on "Higher Education in Missouri: Viewpoint of a Legislator," noon, N214-215 Memorial Union.
- Jan. 20: YM-YWCA Tuesday Noon Forum, 12:10 p.m., S-16 Memorial Union.

Give a learning experience . . .

# Toys help parents learn how to play with children

Feelie Bags, Sound Cans and Matching Boards — these are much more than toys to go under a Christmas tree.

They are types of toys which help parents learn how to play with their children, expanding both the children's knowledge and self-concept and helping parents become more effective and satisfied with their roles.

A "Parent Child Interaction" program, which employs these kinds of toys, was initiated by UMC child and family development specialists as a means of strengthening the educational function of Missouri families, according to Marilyn Blossom, project advisor.

Blossom said the program operates on the theory that parents are not only children's first teachers, but also can be very good teachers.

Because children learn through play, nine toys were designed to teach concepts such as colors, sizes, shapes, number and spatial relationships. The toys are Sound

Cans, Feelie Bags, Matching Boards, Color Lotto, Color Blocks, Learning Squares, Comparison Blocks, Number Puzzles and Attribute Blocks.

The PCI project is funded through the Federal Extension Service as the result of a successful pilot project in 1973-74. The

program is potentially available to every Missouri community through University Extension Centers in each county.

As part of the program, parents attend weekly sessions which include video tapes of adults and children playing with the "toy of the week."

They receive guidesheets of games to play, discuss various new ideas of ways to use the toys, and take a toy home for a week of use with their children.

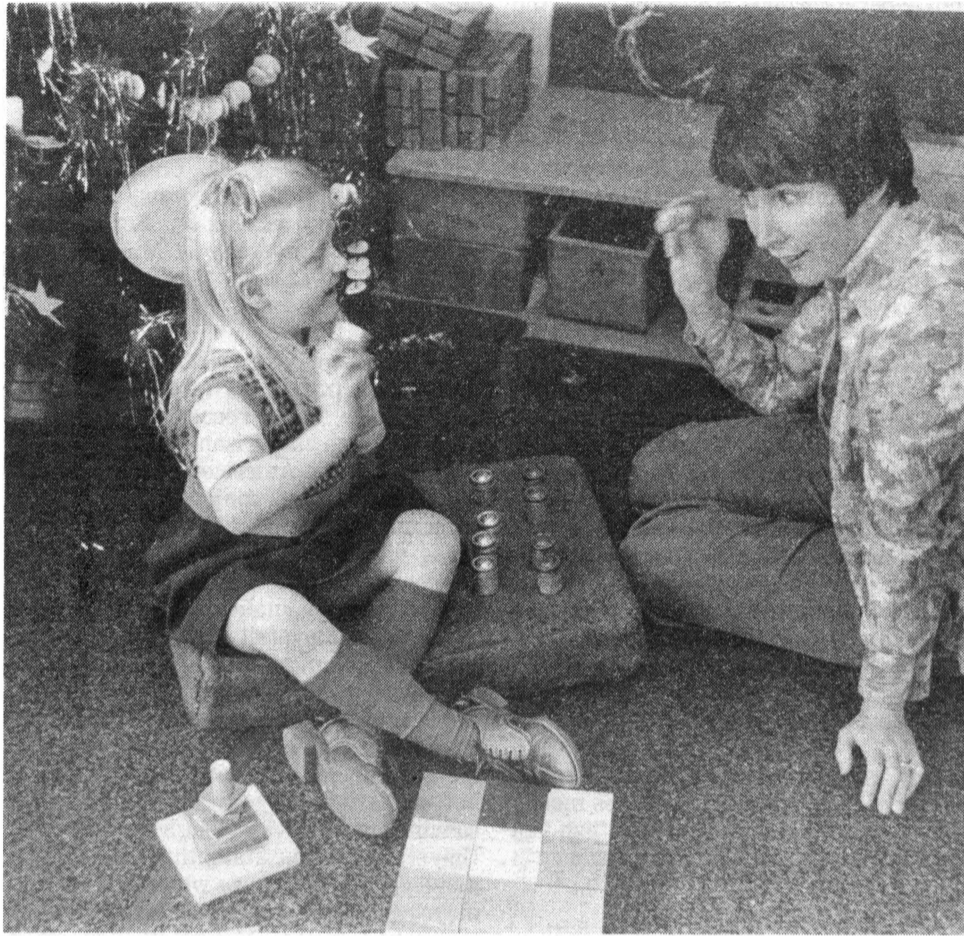
Some rules of the game for the parents include: use toys only when parent and child can play together; play only as long as the child is interested; get on the same physical level as the child, such as the floor; and allow the child to try new games and ideas.

Enrollment in each short course is limited to 12 parents of children between three and five years old. Nine sessions are held, one for each toy. From individual meetings with each parent and child, evaluations are made to measure the child's understanding of various concepts before and after the short course.

In her introduction to the guidesheets titled "Learning to Play," Blossom says, "To many parents, children's game playing seems just that — only playing and a waste of time. Yet, to preschool children, playing is the main way they come to understand and master their environment. Playing is a way of learning by trial and error to cope with the real world. It is a powerful means of learning.

"As well as providing good quality toys, parents must love, trust and respect the child. A parent must be a sensitive listener and be able to detect what the child is thinking and how he feels about himself."

Local volunteers are an important part of the Parent-Child Interaction Project. Extension clubs and 4-H junior leaders have helped in preparing the toys and bags which are in a Toy Lending Library set up by the project team. The long-term objective is to have the program increasingly under the leadership of volunteers.



Kaye Miller (right) a graduate student in child and family development, plays with Lisa Ho Hefferman, using simple, but specially designed toys in the Parent-Child Interaction Project. The project, which is underway statewide, provides parents with an enjoyable way of relating to their children while teaching them about colors, sizes and other basic concepts.

## Holiday schedule announced at UMC

University employees have several holidays to look forward to in the near future.

Offices will be closed Dec. 25 and 26 for the Christmas holidays and Jan. 1 and 2 for New Year's. Dec. 26 and Jan. 2 were designated as floating holidays this year in accordance with the revised University policy allowing for two floating holidays each year rather than one.

Arrangements will be made to carry on essential services.

# Welcome

James D. Thornton, janitor, Physical Plant; Terita Kelly, food service worker I, Dormitories; Jennie Lee Scanlon, program coordinator, Provost for Academic Affairs; Cyril McLean, janitor, Physical Plant; Harold Bayless, janitor, Physical Plant;

Diana Melton, janitor, Physical Plant;

Patty Byrum, clerk typist, Alumni Activities; James M. Werner, lab machine operator, Office of Research; Vencil Snell, storeroom clerk, Office of Research; Melissa Thomas, information specialist II, Missouri Regional Medical Program.



University Singers, directed by Tom Mills, sang for employes in Jesse Hall recently. The singers have had a heavy caroling schedule.

Ronald Higginbotham, fiscal assistant, Robert Lee Laney, senior fiscal analyst, Vice President for Finance and Treasury, Carol Shamroe, accounting clerk, Cost Studies.

Ellen D. Cavataio, secretary stenographer, intercollegiate athletics; James L. Perkins, secretary stenographer, psychology; Wanda T. McCoy, clerk typist II, education; Lisa White, library clerk II; Margaret L. Logan, cashier.

Edward N. Brown, farm worker II, director's office agriculture; Sherill Kucera, food service worker I, Dorm-Pershing Group; Keith Matthews, food service worker I, Dorm-Loeb Group; Franklin St. Clair, janitor, Physical

Plant; Helen Williams, senior clerk, Dorm-General.

Carleen G. Macke, secretary stenographer, student life; Susan Gray, coordinator, recreational development, student life; Ledelle E. Lamonte, food service worker I, Dorm-Dobbs Group; William E. Hilden, janitor, Physical Plant; Delbert Griffin, accounting clerk, Television Station.

Marsha Hoffmeister, senior research technician, Sinclair Research Farm; Gail W. Wolf, auditor, management services; Sammy Hopper, chemist, Environmental Trace Substance; Edgar Lindemann, computer operator, Computer Network.

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# UMC campus funding cut two million dollars

A cut of \$2,005,972 was levied at UMC for the current fiscal year as a three per cent holdback of state funds was implemented. Divisional deans and other budget directors have received notification from Provost John F. McGowan indicating the amount that each budgetary unit would be cut.

Last fall the Governor's budgeting office notified all state agencies that the prospect for revenues in the state was such that it might be necessary to not release three per cent of the appropriated

funds for the fiscal year. For the entire University system, this amounts to \$3,000,583 to be deducted from the \$119,445,153 state appropriation. Budgetary units were alerted to this contingency, and most have made plans and earmarked the cuts.

In a letter to UMC Chancellor Herbert W. Schooling on Jan. 21 University President C. Brice Ratchford indicated that the University would not be receiving the full 1975-76 state appropriations and that the procedures should be im-

plemented to effect the required 3 per cent reductions.

McGowan said in his letter to the deans and other directors of budgetary units, that he hoped that the "budget adjustments will not necessitate staff reductions within your division or operating unit. However, if this is your only alternative, the personnel office needs to be notified prior to your initiating any action in order to insure that appropriate University personnel procedures are implemented."

The Central Campus Administration, the special equipment fund, computer services and the hospital were assessed a total of \$1,086,367 and the remaining \$919,078 was applied to 29 budgetary units on an across-the-board basis. Cuts ranged from \$560 to \$150,000.

Provost McGowan indicated also that this reduction did not constitute a permanent cut in the budgetary base for the units, but would be a cut for operating funds for the current year.

## New courses offer Bartok, voc. ed. for summer session

Four innovative courses will be offered by UMC during the approaching summer session, providing student insight into problems that seldom are dealt with in the classroom.

The courses, taught by visiting scholars, will involve current issues in vocational education, seminars in dramatic criticism, special training of applied psychologists, and a course in medical ethics.

In addition, a seminar on Bartok String Quartets will be conducted June 8-13 by Zoltan Szekely, former first violinist of the famed Hungarian Quartet for whom many of Bartok's works were written. Szekely will lecture about performance practices and interpretations of the quartets as well as give an insight into the composer. The course will include three concerts open to the public.

The course in vocational education will be offered June 7-July 3 during the opening four-week session. National leaders will serve as weekly visiting scholars. A workshop setting will allow

interaction between the scholars and students in study of some of the problems and developments in the field.

Richard Zaner, Easterwood professor of philosophy at Southern Methodist University and adjunct professor of philosophy of medicine at the University of Texas Medical Branch at Galveston, will instruct the medical ethics course. It will include an examination of moral issues that have been accentuated by developments in the biological sciences and medical technology. Areas to be covered include genetic engineering, genetic screening, experiments on humans, sterilization of the mentally retarded, allocation of scarce resources.

Patrick M. Hughes of the University of Reading, England, will teach the course in training of applied psychologists during the second four-week session, July 4-July 30. Drawing on his experiences in British and American universities, Hughes will include laboratory demonstrations of new training procedures for applied psychologists.

## Journalism placement still high

Even with a glutted marketplace, a high percentage of UMC School of Journalism graduates continue to find positions, according to the school's annual placement report completed this month.

Eighty-five per cent of graduates at all levels entering the job market found journalism positions, said Robert Haverfield, professor of journalism and director of placement. The results are based upon a survey of the 430 students

awarded undergraduate and graduate degrees in August and December, 1974, and May, 1975.

More than three-quarters (364) of the graduates responded to the survey and 283 said they held journalism positions. Another 36 said they had accepted non-journalism positions, and 31 of the graduates reported they were delaying their entrance into the job market in order to pursue an advanced degree or to meet a military commitment.

Of the 66 graduates who did not respond to the survey, Haverfield said, "previous studies have shown their employment experience to be substantially the same as those surveyed."

Average entry salaries in the several categories for baccalaureate degree holders ranged from a low of \$137.86 per week for those employed in radio journalism to \$184 per week for those in corporate advertising. At the master's level, the average weekly salary ranged from a high of \$287.50 for magazine journalists to a low of \$125 in a weekly newsroom.



Vol. 7, No. 6

Wed., Feb. 4, 1976

## UMC Physical Plant conducts inspections of campus buildings

In an effort to reduce the cost of answering individual maintenance request calls from the same buildings, Physical Plant will conduct quarterly inspections of all buildings on the UMC campus, according to Rex Dillow, assistant superintendent, Physical Plant.

Dillow said Bill Calvert of the planning and scheduling section will inspect rooms in each building to identify maintenance needs. Calvert will be accompanied on the inspections by the department chairman, director or their representative.

Although most maintenance requests should be handled through the quarterly inspection system, Dillow said all

emergency maintenance requests will still be answered by Physical Plant.

In addition to this newly-initiated program, the University has operated an Academic Alteration Program for the past three years. This program requires each UMC division to submit requirements for alterations to academic facilities each year.

All such requests are technically evaluated and costs are estimated by Physical Plant. Requests are then referred to a committee of five faculty members for comparative evaluation and determination of relative priorities. The committee is appointed by James Oglesby, assistant provost for administration. This program is also an effort to economize, according to Dillow.

## Board okays design plans for law school

Highlights of the Jan. 23 Board of Curators meeting in Columbia included:

- Approval of preliminary design plans for a new law school building to be constructed at UMKC.

- a report from President C. Brice Ratchford that unmarried freshmen under age 21 no longer will be required to live in University-supervised housing.

- a report from State Auditor George W. Lehr and a representative of Haskins and Sells, the University's independent auditor, that enrollment reports by the University were accurate with the exception of a minor reporting discrepancy on the Rolla campus.

- a report from UMKC Chancellor James C. Olson that new preliminary plans are being drawn up for a performing arts center to be built in Kansas City.

- approval of the establishment of a department of administration of justice on the Kansas City campus.



Campus guides Mary Jane Hughes (left) and Mary Jane Somerer look at a portrait of Vinnie Ream, a sculptress famous for her bust of Abraham Lincoln. The painting hangs in the State Historical Society's gallery in the Ellis Library — a favorite point of interest for campus visitors. Members of Angel Flight and Arnold Air Society conduct the campus tours which can be arranged through the Office of Public Information, 223 Jesse Hall, 882-6211.

## Offices close Feb. 16

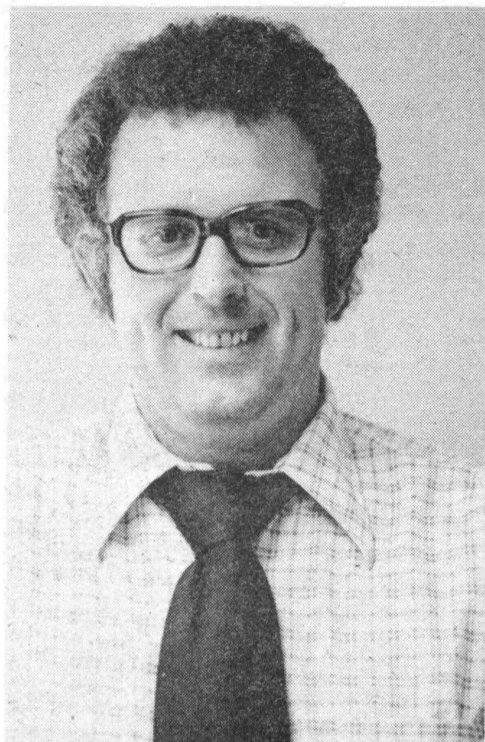
All University offices will be closed on Monday, Feb. 16 in observance of Washington's birthday anniversary.

Arrangements will be made to carry on all essential services. Offices will reopen on Tuesday, Feb. 17.

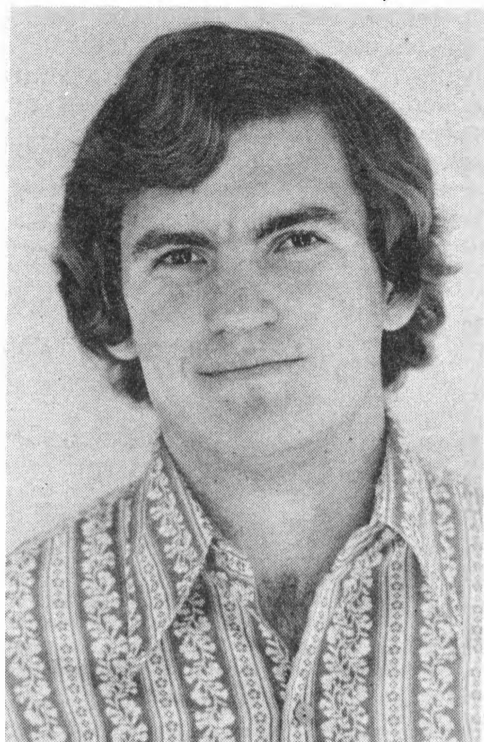
The Board of Curators last year established Washington's birthday as one of the holidays to be observed each year by the University. This replaces Good Friday, which previously was an official University holiday.

**Educational assistance:**

# Sixteen employes earn degrees via program



**William J. Reed**  
Instructor  
Public Safety  
Cert. of Spec., Public Safety Ed.



**Charles H. Reese**  
Head Resident  
Housing  
M. Ed.



**Patsy A. Michaud**  
Sec-Steno.  
Counseling Services  
B.A., Anthropology

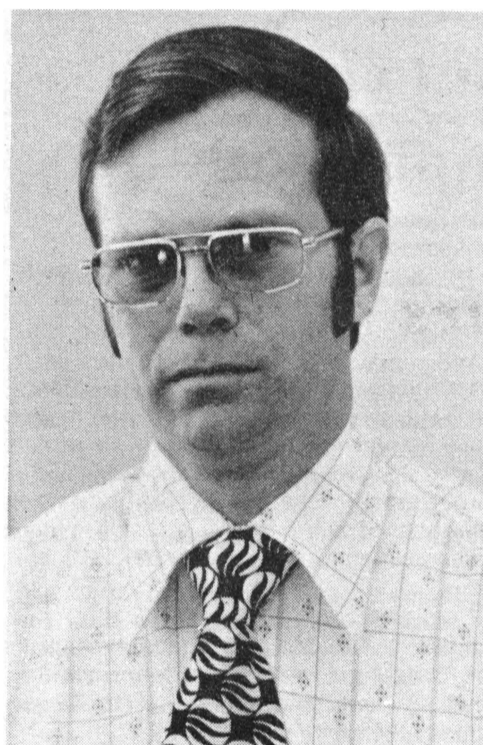


**Elaine H. Crane**  
Library Clerk III  
Ellis Library  
M.A., Library Science

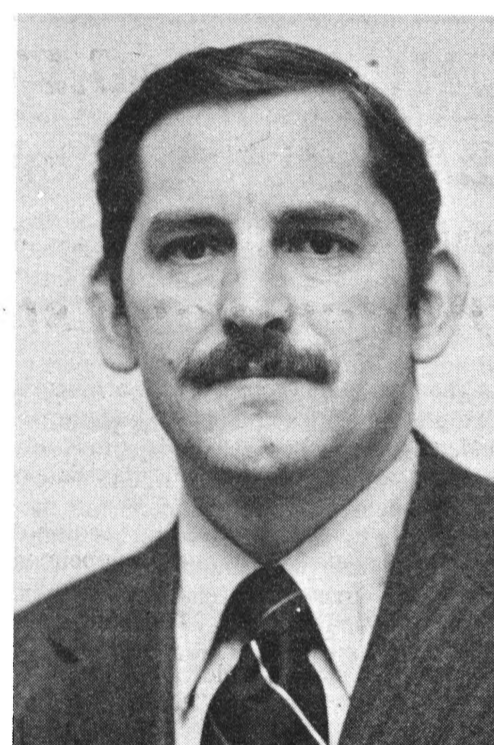
Employes who also received degrees but are not pictured include: Frederick J. Breme, instructor, education, Ph.D. in education; Keith White, instructor, School of Journalism, M.A. in journalism; Donald R. Barnett, area youth agent, University Extension, M.S., extension education; William L. Rainey, senior financial analyst, budgeting and financial planning, M.Ed.; Carol E. Kellett, instructor, home economics, M.Ed., home economics; William E. Palmquist, systems analyst, program development and research management, M.B.A.; Karl Danuser, assistant director, admissions, M.E.D.; Dianna Shallenburger, instructor, education, M.E.d.; David Thomas, patrolman, University Police, B.S.



**Colleen A. Sheets**  
Nurse Practitioner  
Nursing  
B.S., Nursing



**Floyd Brown**  
Sanitarian  
Student Health Service  
M.S. Sanitary Science



**Charles O. Snethen**  
Director  
Laboratory School  
Ed.D.

## Welcome

Katherine D. West, lab. tech., entomology; Archie L. Hamilton, food service worker, dormitory; Robert P. Johnson, food service worker, dormitory; Melinda Beauchamp, clerk typist II, aerospace science; A. Sue Messner, sec. education;

Peggy Ann Shepherd, radio dispatcher, traffic safety; Arthur Holliday, carpenter, Physical Plant; Lawrence Todd, ag. maint. worker, agriculture; Willie L. McTye, food service worker, dormitory; Charles F. Skornia, janitor, Physical Plant;

Timothy Curran, janitor, Physical Plant; John C. Farmer, janitor, Physical Plant; Mary M. Farmer, janitor, Physical Plant; Barbara Sheridan, sr. lab. research tech., vet med; Sue Carolyn Stallings, food service worker, dormitory;

Albert Ray Webster, janitor, phys. plant; Nancy D. Epsky, research spec., ag dean's office; Kayla G. LeBaube, acct'g

clerk, acct. service; Karen M. Deters, sr. acct'g clerk; Timothy Hayden, sr. mail clerk, Univ Extension;

Raymond McGuirk, animal tech., bio. sci; John P. Witherspoon, library clerk I, library; Alan Harris Yount, library clerk I, library; Margot Ann Venti, receptionist, home ec; Lyn Ann Wolz, library clerk I, library.

Jacquelyn Lou Conner, acct'g clerk, University Bookstore; Stephen Paul Sokoloff, food service worker III, Memorial Union; Catherine M. Richardson, library clerk I, library; Craig B. Watson, acct., prov. adm. fiscal bus office; Marsha Sommers, sec steno, V. P. for finance & treas.;

Judy Whipple, comp opr., office of research; Brenda Hamilton, acct'g clerk, Central foodstore; Deborah Ashpaugh, sec., extension; Steve McGhee, food service worker, dormitory.

Ella Patricia Elam, janitor, domitory; William Stavricos, food service worker

dormitory; William F. Bradley, janitor, Physical Plant; Michael W. Palmer, janitor, Physical plant; James N. Burroughs, scientific program analyst, ag. dean's office; Deborah Bodenhausen, clerk typist, University Bookstore; Karen Sue Harman, sec. steno., traffic safety.

Robert McMiller, food service worker, dormitory; John A. Davis, food service worker, dormitory; Bradley Baker, janitor, physical plant; Duane Ederati, janitor physical plant; Margaret Jean Dale, secretary, Engineering.

Jerome Davison, janitor, physical plant; Brenda G. Danforth, sec. steno., Home Ec.; Gus H. K.ollis, patrolman, traffic safety; Lynn Alan Shy, sec. steno., B & PS dean's office; Mary Lou Dahl, clerk typist, A & S Dean's office.

Sherry Schwartz, sec. steno., education; Beverly Searcy, steno., education; Jaime G. Goggons, audio visual tech. coop. ext. service;

### CAMPUS COLUMNS

Campus Columns is published monthly except July and August for the information of all University of Missouri employes on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office: 882-6211.

For change of address, obtain W-4 Form from departmental office, fill out entirely, and send to Payroll Office, 16 Jesse Hall. Editor: Anne D. Robinson

The University of Missouri  
An Equal Opportunity Institution



Members of the University community are invited to add to the costume collection of the clothing and textiles department from which chairman Elinor Nugent (left) and instructor Joy Oldham have coordinated a Bicentennial Exhibit along with state extension specialist Betty Feather. The Stanley Gallery exhibit is open from 9 to 11:30 a.m. and 1 to 4:30 p.m. Monday to Friday through Feb. 20. Gifts in the collection are from alumni, UMC staff and community families and friends.

#### Safety news and views:

### Watch your stairs at home

The most dangerous area in a home is the stairs. At least 350,000 serious accidents occur on stairs each year, according to the Consumer Product Safety Commission.

After years of studying accident reports, safety experts have pinpointed several basic trouble spots concerning stairs. Here are several hints to help you stay on your feet:

**Lighting:** stairs should always be well lighted with switches at the top and bottom.

**Railings, treads:** always repair broken steps or railings and replace worn carpets or tread coverings.

**Steps:** keep steps clear of toys and other obstacles. Never use the stairs as a storage area.

**Watch special clothing:** flared slacks, extra long dresses or loose, floppy slippers can trip you up. Be extra careful when wearing such clothing items.

An article in "Family Safety" magazine outlines several examples of accidents

which have occurred on stairs. In Atlanta, a 50-year-old iron worker missed a step and fell down his back steps while he was talking with a neighbor. A six-year-old girl injured her forehead in Decatur, Ga. when she tripped over her toys on the back steps while running in for dinner.

The Fine Arts Gallery in the Fine Arts Building, Hitt Street has regular exhibits of works in many media, including national and international artists, faculty and students. Hours: 9 a.m.-3 p.m., Mon.-Fri.; 2:30-4:30 p.m., Sun. as scheduled. For information, call 882-3555.

The Glen Smart Waterfowl and Upland Game Bird Collection is located in the corridors of LeFevre Hall, University Avenue near College Avenue. It includes quail, ptarmigan, turkeys, ducks, swans, geese, scoter, pheasants, pigeons and grouse. Hours: 8 a.m.-5 p.m., Mon.-Fri., 8 a.m.-noon, Sat. For information, call 882-3436.

#### Know your curators:

### Irvin Fane

Irvin Fane, a Kansas City lawyer, was appointed to the Board of Curators in 1971 by Gov. Warren E. Hearnes. Fane is the managing partner of the law firm of Spencer, Fane, Britt and Brown.

A 1928 graduate of UMC, Fane holds bachelor's and juris doctor degrees. He is a member of several law associations including the Federal Power Bar Association and the American Bar Association.

Fane has served on the Administrative Conference of the United States, an 85 member body established by President Kennedy to study the procedures of all administrative agencies, and the 15 member Legal Advisory Committee to the National Power Survey.



## Promotions

Billie C. Agnet, from sr. acctg. clerk to chief clerk; Edith E. Baxter, from sec-steno to secretary; Juanita Black, from sr. secretary to administrative secretary; June Bowden, from grad. prac. nurse to sr. lic. prac. nurse; Catherine Boyle, from nursing tech. trainee to nursing technician.

John W. Burks, from auditorium atnd. to foreman maintenance; Shirley Capron, from sr. acctg. clerk to fiscal assistant; David Cunningham, from computer program trainee to jr. computer programmer; Gerald Davis, from jr. computer programmer to computer programmer.

Steven Doelger, from sr. lab. asst. to sr. res-lab tech.; Carolyn Douglas, sec-steno to secretary; Karen Esser, from fiscal analyst to sr. fiscal analyst; Bonnie Grimes, from stenographer to sec-steno; Alice Hinson, from secretary to admin. asst.; Jeannette Kilfoil, from research tech. to sr. research tech.

Michael King, from sales clerk to bowling mach. tech.; Earl R. Kogler Jr., from photographer to medical photographer; Jesse J. Lyons, from farm worker II to research spec.; Daniel Mayfield, from EKG tech. to sr. EKG tech.; Donald McQuitty, from darkroom tech. to X-ray photo proc. tech.; Elizabeth McQuitty, from sr. admitting interviewer to receptionist II; Laura Morgan, from nursing tech. tr. to nursing tech.; Shirley Neville, from graduate practical nurse to sr. lic. prac. nurse; James Proskocil, from sr. lab. tech. to sr. res-lab tech.

Percy Sallee, from sr. lab. asst. to sr. res-lab tech.; Vickie Samuel, from clerk to accounting clerk; Lorraine Smith, from food service worker II to food service worker III; Paula Stogsdill, from secretary to administrative secretary; Rex Taggart, from sheet metal worker to asst. foreman, sheet-metal roofing; Patricia Wagner, from regular med. tech. to sr. reg. med. tech.

Mary White, stenographer to sec-steno; Daisy Wilson, from food service worker II to food service supervisor; Larry Boaz, from offset operator to stores clerk; Bonnie Caldwell, from clerk typist II to secretary; Addie Dysart, from senior clerk to bindery operator.

Addie Henley, from sec-steno to secretary; David Lane, from comp. opr. centr. fac. to sr. comp. centr. fac.; Natalia Nadruga, from sr. clerk to asst. editor; Judy Thompson, from secretary to sr. secretary.

Beth Abernathie, from staff nurse to head nurse; Mildred Allen, from sr. lab. asst. to research tech.; Rhonda Allen, from secretary to sr. secretary; Vickie Battles, from food serv. worker I to food serv. worker II; Barbara Brazos, from grad. prac. nurse to sr. lic. prac. nurse.

John W. Bredehoff, from research tech. to sr. research tech.; Dudley Brown, from water treater to fireman; Margaret Brownlee, from clerk to receptionist II; Geraldine Burke, from secretary to sr. secretary; Janet L. Burnett, from sr. lab. asst. to sr. res. tech.;

Eula Lee Caruthers, from secretary stenographer to secretary; Peggy Chubb, from grad. prac. nurse to sr. lic. prac.

nurse; Mildred Floyd, from sr. lab. asst. to lab. tech.; Richard Frey, from grad. med. technologist to re. med. technologist; Virginia Hancock, from sr. academic advisor to supervisor;

Daniel Hatfield, from sr. res. tech. to research tech.; Gayln Hayes, from clerk to med. records supv.; Carl Head, from janitor to power plant tr. I; Connie Hellebusch, from grad. prac. nurse to sr. lic. prac. nurse; Carolyn Kemper, from secretary to sr. secretary;

Howard Kincaid, from asst. personnel mgr. to mgr. personnel mc; Kenneth Kuo, from research specialist, to sr. research chemist; Nancy Lankford, from sr. manuscript asst. to asst. dir. west. manuscript; Cathleen Lenz, from X-ray photo proc. tech. to chief clerk; Marie Lenton, from sr. lab. asst. to sr. research tech.

Turf Martin, from lab. tech. to lab. asst.; Merry Marzolf, from grad. prac. nurse to sr. lic. prac. nurse; Rosemary McCallister, from stenographer to sr. clerk typist; Janice McDuffee, from grad. prac. nurse to sr. lic. prac. nurse; Margaret McNally, from grad. prac. nurse to sr. lic. prac. nurse.

Shirley McNear, from stenographer to sr. clerk typist; Philip Miller, from patrolman to police sergeant; Michael Nichols, from sr. res. tech. to sr. res. spec.; Ellen Sara Pratt, from Sr. lab. tech. to sr. res. tech.; Raymond Reeves, from jr. lab. tech. to lab. asst.;

Richard Riek, from sr. lab. asst. to sr. res. tech.; William Riley, from assoc. dir. to director; Carol Sapp, from stenographer to sec. steno; Steven Slemmons, from mgr. computer serv. cent. to systems prog-analyst; Kay Smith, from jr. lab. tech. to lab. tech.;

Petrona Smith, from food serv. worker II to food serv. worker III; Gary Stangler, from research spec. to sr. res. spec.; Deborah Stewart, from grad. prac. nurse to sr. lic. prac. nurse; Richard Stull, from power plant tr. I to power plant tr. II; Marguerite Switzer, from sr. res. tech. to research spec.;

Lloyd Treece, from sr. lab. asst. to sr. res. tech.; Jerry Trumbo, from power plant tr. II to water treater; Gloria Vinson, from sec. steno to secretary; Dolores Waller, from stenographer to sr. clerk typist; Jeannette Westhues, from grad. prac. nurse to sr. lic. prac. nurse.

Judy Wilcox, from research tech. to sr. research tech.; Herbert Williams, from computer operator to computer to computer shift supv.; Margaret Williams, from food serv. atnd. I to food serv. atnd. II; Janet Woytassek, from food serv. atnd. I to food serv. atnd. II; Robert York, from janitor to auditorium atnd.;

Paul Dysart, from tab. mach. oper. to computer operator; Joseph Frechette, from comp. operations mgr. to asst. dir. for operations; Susan Kelpel, from editor to sr. editor; Barbara O'Brien, from asst. editor to editor; Carol Rust, from sr. data proc. oper. to sr. comp. term. oper.;

Barbara Schrader, from keypunch oper. to sec. steno; Richard Walter, from data base admin. to assoc. dir. mgmt. systems; Nancy Ward, from sr. sec. to admin. secretary; Deborah Williams, from jr. draftsman to draftsman.

### Missouri artist's work shown

Post-Impressionist landscape paintings by Kansas City artist Wilbur Niewald will be on display in the UMC Fine Art Gallery until Feb. 27. The artist will conclude the exhibit with a gallery talk open to the public at 1:30 p.m., Feb. 27.

Niewald's work has been exhibited in one-man shows in the Grand Central Modern Gallery in New York and has been shown in traveling exhibits sponsored by the Mid-American Arts Alliance and by

the Missouri State Council on the Arts. Niewald's paintings are currently included in the collections of the Nelson Gallery of Art, Kansas City, Mo.; The Albrecht Gallery, St. Joseph, Mo.; and private collections in the United States and Europe among others.

The Fine Art Gallery is open from 9 a.m. to 3 p.m., Monday through Friday and from 2:30 to 4:30 p.m. Sundays. Exhibits are open to the public without charge.

# UM program helps Missouri vets find jobs

More than 600 Missourians received special counseling and job placement assistance the past five years through a successful federal program conducted by the University to help Vietnam veterans find civilian employment.

Missouri led the nation in percentage of successful placements of veterans in civilian health careers.

The program, Military Experience Directed Into Health Careers (MEDIHC), ended in December because of fewer applications and a decline in the need for the program nationally. The Missouri phase of MEDIHC was sponsored by the U.S. Department of Health, Education and Welfare, and Department of Defense on an annual basis.

Missouri MEDIHC received 645 ap-

plications since its start in June 1971 and 636 were successfully placed, says Lynn Martin, program director. Assisting Martin were Alan Mitchell and Charles Smarr.

Approximately 40 per cent of the veterans were placed in health-related jobs in rural areas where health care is sparse. Most placements were in Missouri hospitals, but some were placed in nursing

homes, clinics, laboratories, ambulance companies, pharmacies and city health departments.

The University was commissioned to produce a film "The Edge," early in the program to show specific Missouri techniques in placing veterans. The film was shown nationally to hospital administrators and other medical employers.



Two additional UMC personnel have achieved the highest level possible for non-professional members of the American Association for Laboratory Animal Sciences. Shown left to right are Orval Lewis, animal sciences; Frank Garro, course director, and Donald A. Headley, Dalton Research Center. Lewis and Headley passed the examination for laboratory animal technologist recently after attending classes at the Dalton Research Center. This brings the total number of laboratory animal technologists on campus to seven.

## Computer terminals now available in GCB

A cluster of interactive terminals connected with the University Computer Network has been established in Room 127 of the General Classroom Building at UMC.

Ten Decwriter terminals and a Tektronix graphics terminal have been installed, according to the Campus Computing Center Newsletter.

The mathematics department and the Campus Computing Center made the educational resources possible, with assistance from the campus administration and Computer Network. The service is funded through a curriculum improvement grant to the mathematics

department from the National Science Foundation.

To evaluate the educational impact of the facility and its impact on the Computer Network, management information will be gathered on each terminal session and each computer-related assignment.

Hours for the coming semester will be 8 a.m. to 12 midnight, Monday through Friday; and 8 a.m. to 5 p.m. on Saturday.

Instructors interested in using the terminals may contact John Beem, associate professor of mathematics, 882-6365, or Carmen Mazzocco, director of the Campus Computing Center, 882-4575.

The site is open to all users, except when

scheduled for classroom laboratories. Should the site become "saturated," students in computer-based courses will be given preference.

## Collegium Musicum performs Feb. 15

The UMC Collegium Musicum, under the direction of Andrew Minor, will perform the "Music of Mozart" at 3:30 p.m., Sunday, Feb. 15, in the Fine Arts Recital Hall.

The ensemble will perform three works: "March in D, K. 215;" "Concerto for Violin in A, 'Turkish,'" featuring violinist Earl Coleman; and "Divertimento for Flute, Oboe, Bassoon, 4 Horns and Strings in D, K. 131," featuring Shelley Ross, flute; Martha Bross, oboe; and Barbara Wood, bassoon.

## Students respond to survey

More faculty and more parking spaces are two of the top priorities of UMC students campus, according to a survey of the student body.

The survey was conducted by students in the survey research course taught by David Leuthold, associate professor of political science. Out-of-pocket costs were paid by the Associated Students of the University of Missouri (ASUM), which represents student interests before state agencies and other groups.

Students were asked about several possible changes on campus. To insure that student reactions reflected a clearly felt need and not simply a Christmas list, students were asked how much they would be willing to see their fees increased in order to insure each change.

Greatest support was given to the proposal to hire more faculty in order to cut down on the number of large lecture classes. The average fee increase suggested for this purpose was \$5.17 per semester. About two-thirds of the students were taking at least one course which had

## AT&T elects UMC alumnus as president

UMC alumnus William L. Lindholm has recently been elected president of American Telephone and Telegraph Company, one of the largest communications industries in the United States.

Lindholm, who presently serves as vice-president and chief operating officer, will assume responsibilities on April 1.

After graduating from the University with an B.A. in 1936, Lindholm joined Southwestern Bell in Dallas, Tex., as a service representative. He was one of the first males to hold that position in Texas. Lindholm later progressed through various positions in the Bell system, becoming AT&T vice-president in 1970.

Besides his work with AT&T, Lindholm is also a director in Pepsico, Inc., Acacia Mutual Life Insurance Co., and the Downtown Lower Manhattan Association, Inc.

## Heart Fund collects during February

The Missouri Heart Association Fund will solicit contributions on campus during the month of February, which is nationally designated as "heart month"

Each department or office will have a person designated to collect contributions. Margaret A. Flynn, professor of nutrition, is the campus chairperson and Carol Smith is the campus coordinator.

The heart association funds go to many activities including heart research, some of which is conducted at UMC, and training of cardiac resuscitation teams similar to those present at all UMC football games.

A total of \$44,000 was raised in Boone County last year, according to Arthur Nebel, dean emeritus of the College of Public and Community Services, who is currently serving as the chairperson of the county drive.

## Globetrotters trot to campus

The Harlem Globetrotters, celebrating half a centennial themselves, will return for a fourth year at Hearn's Multipurpose Building at 7:30 p.m. Monday, Feb. 23 to demonstrate their basketball skills and court comedy.

With Meadowlark Lemon and Curly Neal leading the gang, the Globetrotters are recognized as the world's greatest family entertainment and have reached a milestone in celebrating their 50th season

on the road. The Trotters have played before nearly 80 million people in 94 countries and recently packed 17,000 people into the 15,000 seat Kemper Arena in Kansas City.

Included in the 35 individuals who make up the traveling troupe are players, variety artists, referees, announcer, equipment man, trainer and business manager. The artists assist with a half-time show.

Tickets for the entertainment are now on sale at the Hearn's building. Prices are \$5, \$4 and \$3. Tickets may also be ordered by mail.

## 'Faculty Follies' scheduled Feb. 9

The UMC music department faculty will doff its day-time dignity for an evening to present the second annual "SAI Faculty Follies" at 8:15 p.m., Monday, Feb. 9 in the Fine Arts Recital Hall.

The Follies, sponsored by Sigma Alpha Iota, professional music fraternity for women, will feature a light revue of satire, pantomime and improvisation. Proceeds from this performance will constitute a scholarship to be given in the spring to a music student.

Tickets are \$1 for all and may be purchased at the door beginning at 7:30 p.m.

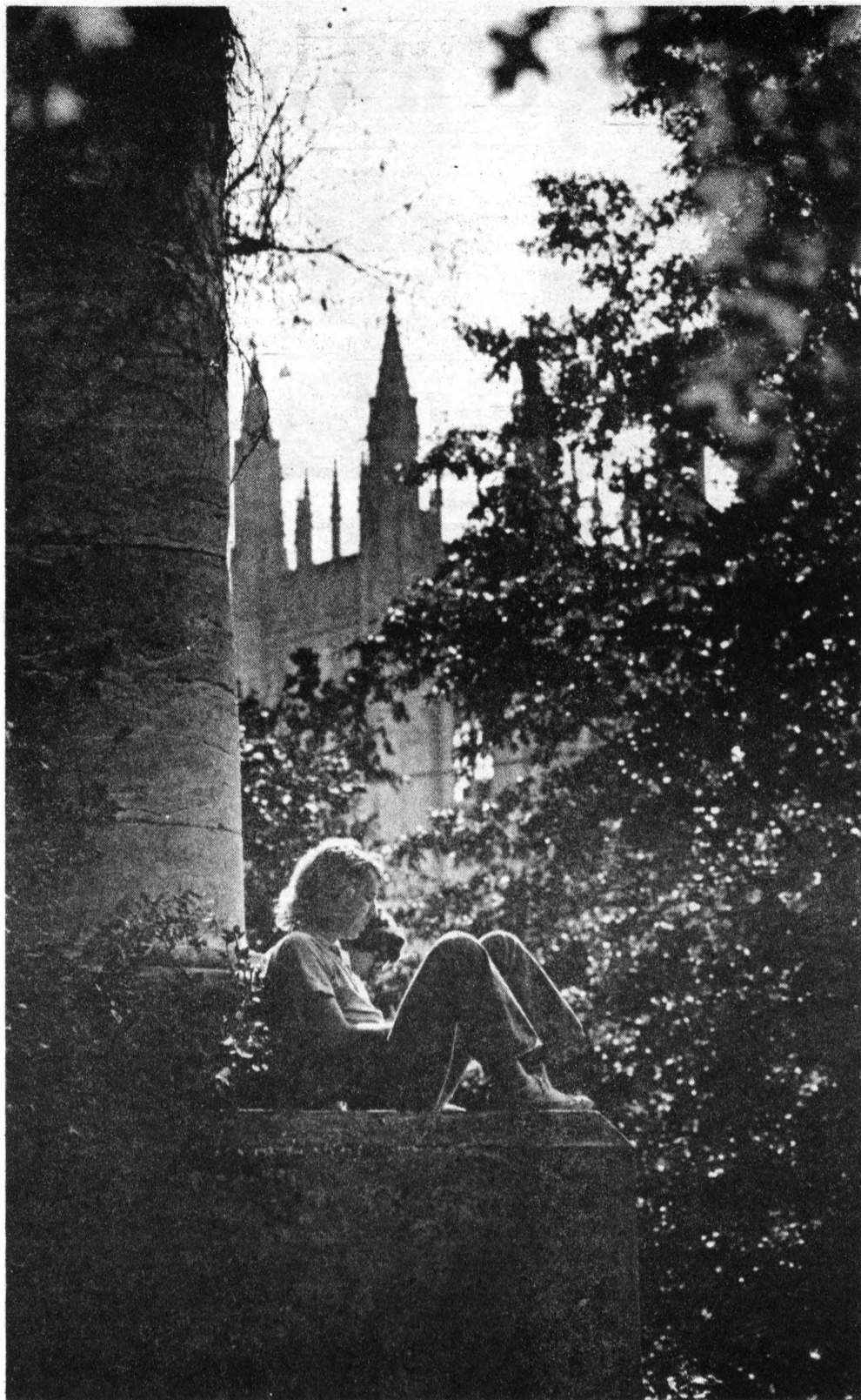
## International dinners set

Many countries will be represented in the 1976 International Dinners series scheduled Sundays during this semester in the Memorial Union Cafeteria.

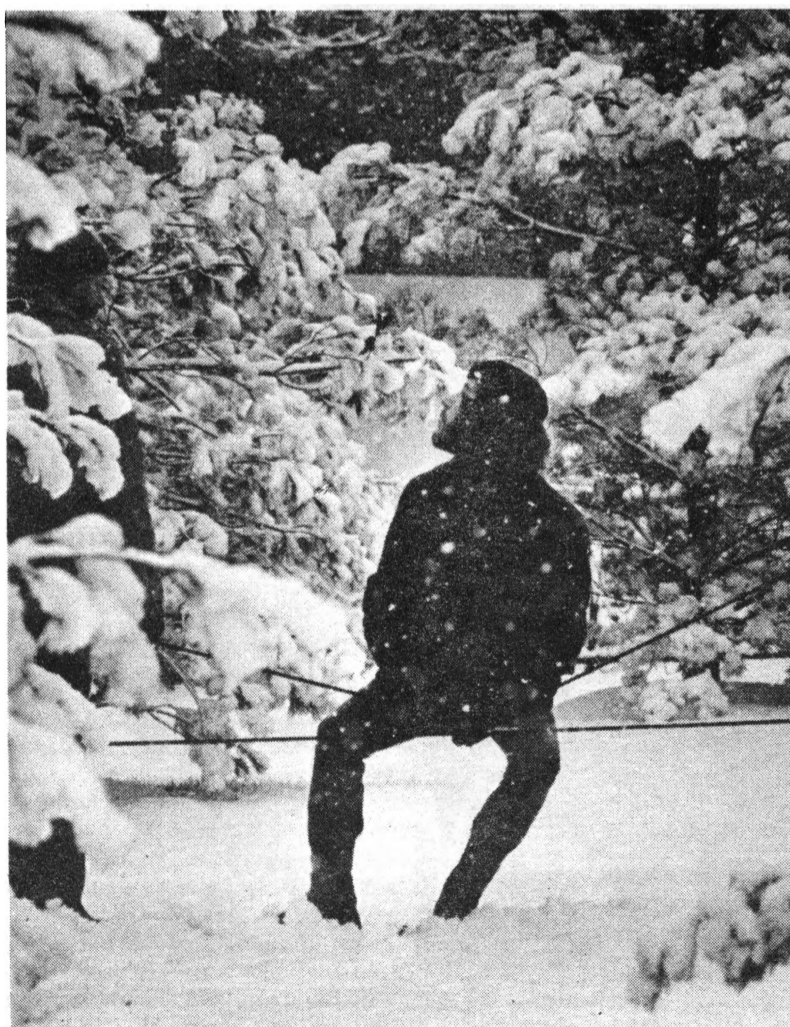
Dates and dinners include Feb. 8, Yiddish; Feb. 15, Gourmet Valentine; Feb. 22, Soul nite; Feb. 29, Scandinavian; March 21, German; April 4, French, April 11, Italian; April 18, Easter Buffet, April 25, Greek and May 9, Mothers' Day Buffet.

Two dinners — March 28, New Orleans and May 2, Chinese — will be served in the Hawthorn Room with table service. Reservations are requested for these dinners.

All dinners will be served from 5 to 6:30 p.m., Sundays.



# Students



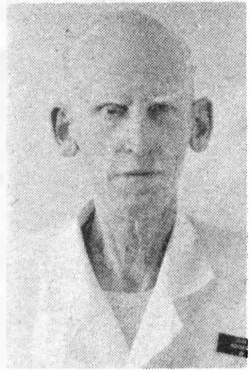
The creative abilities of students are often used in UMC administrative offices. Examples of student work that aided an important UMC project are the pictures shown on this page. They were taken by photojournalism junior Jim Visser of Hatfield, Pa.

Two of the pictures were cited for excellence at the recent regional convention of the Council for Advancement and Support of Education (CASE) in Des Moines. Grand prize in the photo section of the eight-state awards competition went to the photo at the upper left.

Two feature stories by UMC information specialists were also cited in the competition. The writers are Mary K. Yeagain of the Medical Center communications office and Monica O'Reilly, director of community relations for the Mid-Missouri Mental Health Center.

The winning entries were submitted by the Office of Public Information.

# Medical Center service awards



**John Agee**  
Custodian  
10 years



**Dan Beamon**  
Custodian  
10 years



**Delima Bradley**  
F.S.A.I.  
10 years



**Ruby J. Boggs**  
Accountant  
10 years



**Wilmoth Crane**  
Laboratory Technician  
15 years



**Dorothy Dureen**  
Laboratory Technician  
20 years



**Ann Fisher**  
Senior EEG Technician  
10 years



**Chester Ganaway**  
Stores Clerk  
10 years



**Willie L. Gardner**  
Venipuncture Supervisor  
10 years



**Charlene Harlow**  
Chief Accounting Clerk  
10 years



**Alma E. Harmon**  
Senior Clerk  
10 years



**Ruth L. Harrison**  
Cost Analyst  
10 years



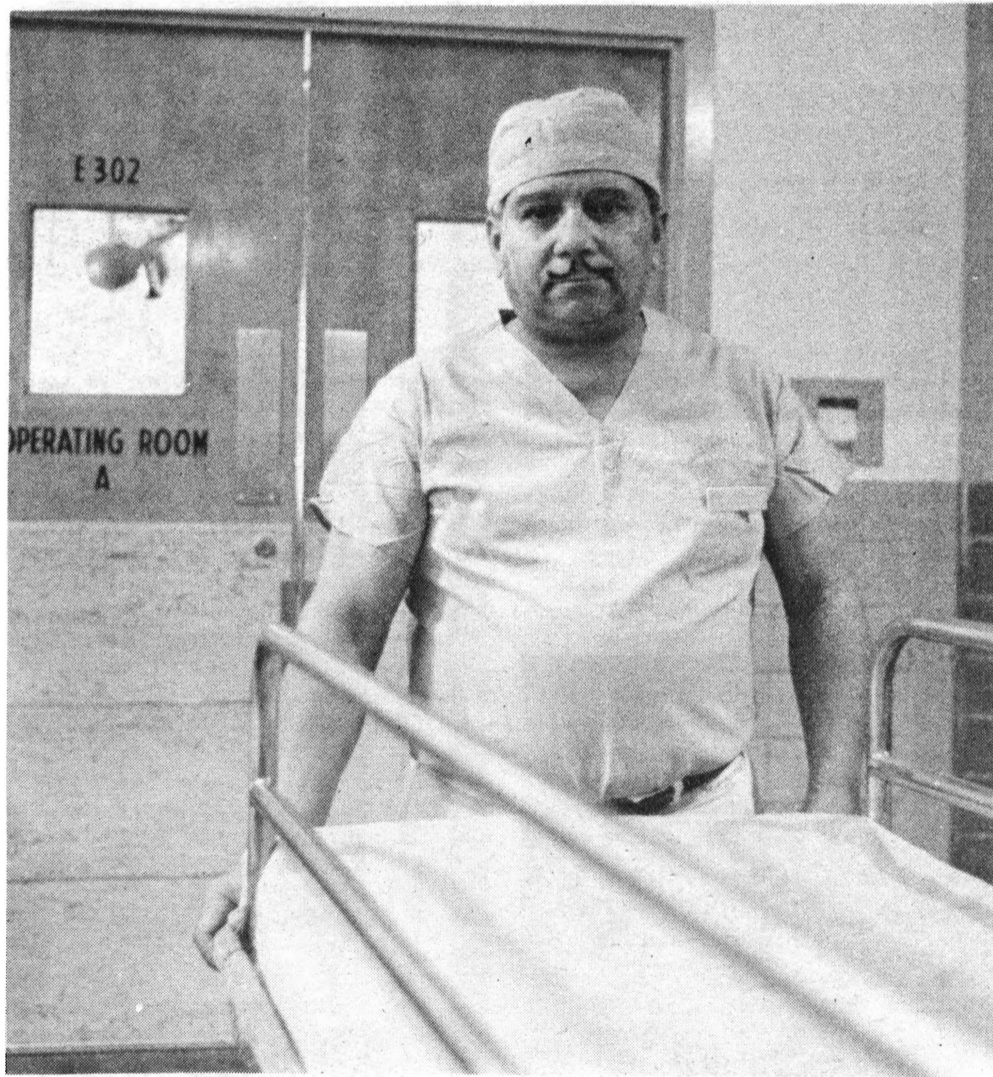
**Emmett T. Hepburn**  
Custodian  
10 years



**George Hessenbruch**  
Plant Engineering  
10 years



**Lester W. Horn**  
Custodian  
10 years



**Sherman Turner, nursing technician, has worked at UMC for 25 years.**



**Geraldine Huffman**  
Admitting Interviewer  
15 years



**Margaret D. Jackson**  
Inst., Cytotechnologist  
10 years



**Merle Kallenbach**  
Switchboard Operator  
10 years



**Cynthia J. Kerns**  
Med. Records Librarian  
10 years



**Evelyn King**  
Cook  
10 years



**Faith Loutzenhiser**  
Food Service Supervisor  
15 years



**James C. Loyd**  
Sup., Machine Shop  
10 years



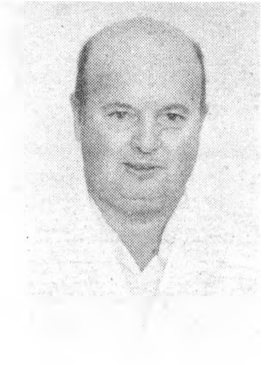
**Elizabeth Martin**  
Chief, Med. Rec. Libr.  
15 years



**Mildred Martin**  
F.S.A.I.  
10 years



**Shirley A. McBride**  
Senior L.P.N.  
10 years



**Boyd McClatchey**  
Senior Perfusionist  
20 years



**Gary Nichols**  
Machinist  
10 years



**Thelma Nighswonger**  
Nursing Technician  
10 years



**Donaleigh Richardson**  
Senior Secretary  
10 years



**Joseph F. Saatoff**  
Chief, Extramural Cord.  
10 years



**Alvin Scott**  
Plant Engineering  
10 years



**Margaret S. Smith**  
Senior L.P.N.  
15 years



**Vance H. Smith, Jr.**  
Plant Engineering  
20 years



**William D. Speer**  
Asst. to Hosp. Dir.  
10 years



**Maudie Sublett**  
Nursing Technician  
15 years



**Sylvester Thornton**  
Housekeeping Supervisor  
10 years



**Iola Trumbower**  
Staff Develop. Coord.  
15 years



**Aleen Williams**  
Chief Clerk  
15 years



**Marjorie Williams**  
Senior Clerk  
15 years



**Bobby Willis**  
Plant Engineering  
15 years



**Houston L. Willis**  
Plant Engineering  
15 years



**Charlie S. Windsor**  
Chief Clerk  
15 years



**Shirley A. Woods**  
Senior Clerk  
15 years



**Raymond K. Zuber**  
Plant Engineering  
15 years

## Medical Center employes receive five-year pins

Five year service award pins have been given to the following UMC Medical Center employes:

David Anderson, sr. research technician; Judy A. Baker, secretary-stenographer; Peggy Baker, administrative secretary; Deborah Bennett, sr. f.s.a.; Sylvia Berry, nursing technician; Nancy Boyd, reg. laboratory technician; Danny Bright, housekeeping supervisor; Dianna Buckner, receptionist;

Nancy E. Burnett, composition tech. writer; Christina Caputo, sr. research technician; G. Turner Chandler, asst. executive housekeeper; Alida Chaney, staff nurse; Patricia Coleman, sr. nuclear medicine technologist; Marshall E. Colley, plant engineering; Maurice Cook, custodian; Paul Crane, asst. executive housekeeper; Barbara B. Dakin, administrative asst.; Ronald Davis, operating room technician;

Barbara Doxley, custodian; Donna Ewens, secretary; Helen Furguson, nursing attendant; Goldia Fugate, nursing technician; Carl Garrett, pharmacist; Charles H. Gay, animal technician; Linda K. Gibson, nursing technician; Elda V. Hannah, supervisor, financial counseling; Charles Harlow, sr. programmer; Max Hopkins, laboratory storekeeper;

Bertha L. Horn, nursing attendant; Carol L. Hull, jr. laboratory technician; Ruth Jenkins, secretary; James Kelly, custodian; James E. Kelly, plant engineering; Linda Lake, staff nurse; Cathleen Lenz, chief clerk; Victoria Lewis, custodian; Joyce Long, nursing unit assistant; Juanita M. Lynch, nursing technician; Gwen G. McCart, receptionist; Marlene K. McGuire, jr. laboratory technician;

Marion McKay, staff development coordinator; Dale C. Mellerup, animal caretaker; Helen Merritt, receptionist; Elmer Miller, Sr., store clerk; Susan Minor, blood coordinator;

Frances Moore, nursing technician; Virginia Ogden, o. r. technician; Nancy Olson, medical technologist; Della L. Packham, nursing technician; Ava Polston, custodian; Lou Quattrocchi, chief accounting clerk; Margaret R. Quinn, sr. medical technologist; Orpha Ann Rapp, nursing technician; Harold Ravenscraft, plant engineering; Laura Rhodes, sr. accounting clerk;

Joyce Robinson, sr. l.p.n.; Chris M. Rosteck, staff nurse; Bob Salmon, clerk;

Scott Thaney, sr. administrative assistant; Sharon Smith, sr. clerk-typist; Georgia Stallman, sr. laboratory technician; Henry Howard Stephens, assistant executive housekeeper; Ray A. Streeter, plant engineering; Jimmie Lee Sutton, Sr., custodian;

Victoria L. Watts, laboratory technician; Linda Waugh, sr. l.p.n.; Anne Weitkemper, health care evaluation analyst; Arthur Welch, animal surgical technician; Juanita Y. Woolery, o.r. technician; Connie Wright, nursing unit assistant; Edith Yeakey, linen attendant.

## Vietnamese lectures at meeting of AAUW

Le Quan Giang, a new Columbia resident from Vietnam, will discuss his experiences as a newcomer to the states at a 6:30 p.m. dinner meeting of the Columbia branch of the American Association of University Women Tuesday, Feb. 17, in Memorial Union room N208.

The program is free and open to the University community. Those interested may come at 7:30 p.m. for just the speech. Reservations and information may be obtained by calling Averil Schenck at 442-4815.

Program chairpersons are Diane Brukardt, associate director of student health services, and Vera Kroencke, librarian.

The Columbia branch of AAUW is open to all women with a bachelor's degree from an accredited institution. Monthly meetings this year will deal with four study-action topics — world pluralism, creativity, economic facts of life and the 21st Century.

For applications, contact membership chairperson Jeannette Winfrey, 708 East Lake Dr. or 445-2128.

## News & Notes

G. LeRoy Hahn, acting research leader of the bioengineering research unit of the USDA Agricultural Research Service at UMC, has received an award for outstanding achievement in bioclimatology.

Hahn received his award Jan. 21 from the American Meteorological Society at its annual meeting in Philadelphia.

He was honored for his leadership in climatological research in establishing basic environmental criteria for farm animals. Chief emphasis of his research has been on the assessment of shelter requirements for livestock, especially dairy and beef cattle.

Hahn holds B.S. and Ph.D. degrees from UMC and an M.S. from the University of California-Davis.

★★★★★

John Merrill, professor of journalism, has been selected as one of 10 centennial professors to visit Texas A&M University this semester during the institution's 100th birthday.

Merrill will lecture at the school during February, March, April and May. The centennial professors represent several different disciplines.

Kappa Delta, the first active social sorority to be established at UMC in 47 years, pledged a record 102 coeds during colonization ceremonies recently.

Margy Harris, Panhellenic program adviser, said the colonization pledge class may be the largest for any sorority in the U.S. Kappa Delta officials had expected to pledge about 60 coeds.

The new chapter, which will be officially installed as a member of the UMC Panhellenic April 3, will be located in the house formerly occupied by Sigma Alpha Mu fraternity.

★★★★★

A contribution of \$5000 has been made to the Rusk Rehabilitation Center at the UMC Medical Center through a friend and patient of Dr. Howard A. Rusk, director of the Institute of Rehabilitation Medicine in New York. The center is named for Rusk, a 1923 graduate of UMC's two-year medical school and leader in the development of rehabilitation as a medical specialty.

The gift is from Samuel P. Mandell, Philadelphia, a stroke victim who was treated at the Institute in New York.

## News-In-Sound

For a brief nightly run-down of cultural events, entertainment features and campus news call News In Sound, 882-7869, produced by the Office of Public Information for the University of Missouri, Columbia.

# Calendar of Events

## ACADEMIC SCHEDULE

Feb. 16: Washington's Birthday, University holiday  
March 6: Spring Recess begins, 12:30 p.m.

## ATHELETIC EVENTS

Feb. 7: Women's Swimming: UMC, Southeast Mo. St., and Stephens College, 7 p.m., University Swimming Pool.  
Feb. 8: UMC, St. Louis Univ. and William Jewell College, 12 noon, University Swimming Pool.  
Feb. 14: Basketball: UMC vs. Iowa State, tipoff 7:35 p.m., Hearnes.  
Feb. 21: Basketball: UMC vs. Nebraska, tipoff 7:35 p.m., Hearnes.  
Feb. 28: Miami State Swimming and Diving Championships.  
March 6: Basketball: UMC vs. Colorado, tipoff 7:35 p.m., Hearnes.

## CONCERTS, PLAYS

Feb. 8: Concert Band, 3:15 p.m. Jesse Aud.  
Feb. 9: SAI Faculty Follies, 8:15 p.m. Recital Hall.  
Feb. 12: Jr. Vocal Recital, David Robertson, 8:15 p.m., Recital Hall.  
Feb. 13-14: State High School Speech and Drama Festival, 7:30 p.m., University Theatre.  
Feb. 16: MSA Broadway Play "Ah Wilderness," 8 p.m., Jesse Aud. MSA members—\$3.50, \$2.75, or \$.2. Public—\$4, \$3.25, or \$2.50.  
Feb. 15: Collegium Musicum Concert, 3:30 p.m. Recital Hall.  
Feb. 19: University Symphony Orchestra, 8:15 p.m., Jesse Aud., 8:15 p.m.  
Feb. 20: Violinist Viktor Tretyakov, 8:15 p.m., Jesse Aud., 8:15 p.m.  
Feb. 21: Esterhazy String Quartet, 8:15 p.m. Recital Hall.  
Feb. 22: Senior Cello Recital, Linda Kroger, 3:15 p.m., Recital Hall.  
Feb. 22: Jr. Bassoon Recital, Susan Bell, 8:15 p.m., Recital Hall.  
Feb. 22: University Band Concert, 8:15 p.m., Jesse Aud.  
Feb. 23: Jr. Piano Recital, Barbara Tolksdorf, 8:15 p.m., Recital Hall  
Feb. 25-28; March 1-5; "Boy Meets Girl", 7:30 p.m., University Theatre. General Admissions \$3 and \$2.50.  
Feb. 27: Faculty Piano Recital, Kenneth Smith, 8:15 p.m., Recital Hall.  
Feb. 28: Faculty Violin Recital, Eva Szekely, 8:15 p.m., Recital Hall.  
Feb. 29: Graduate Vocal Recital, Naomi Reed, 3:30 p.m., Recital Hall.

## DEADLINE, OTHER EVENTS

Feb. 11: Spectrum Deadline  
Feb. 13: Camp and Recreation Opportunity Day: Interviewing and hiring in large Ballroom and N208 of the Memorial Union, between 9 a.m. and 5 p.m.  
Feb. 17: Faculty Bulletin Deadline.  
Feb. 23: Harlem Globetrotters, 7:30 p.m., Hearnes, Multipurpose Building. Tickets, \$5, \$4, & \$3, on sale Feb. 2.

## FILMS, EXHIBITS

Feb. 7: MSA Movie: "Murder On the Orient Express," at 7 and 9:30 p.m. in Jesse Aud. Advanced tickets at MUTW \$.75; at door \$1.

Feb. 8: MSA Movie: "The Last Picture Show," 8 p.m., Jesse Aud.  
Feb. 8: University Film Program: "Antonio Das Mortes," 8 p.m., Ellis Library Aud.  
Feb. 10: University Film Program: "The Scoundrel," 8 p.m. Memorial Union Aud.  
Feb. 11: MSA Movie: "Vamps of the Thirties," "Blue Angel," "I'm No Angel," 7 p.m., Middlebush Aud.  
Feb. 11: University Film Program: "Age of The Medici, Part II," 8 p.m., A & S Aud.  
Feb. 11: Ascent of Man Film: "Grain In The Stone," 8 p.m., Ellis Library Aud.  
Feb. 11: Civilization Film: "Romance and Reality," 7 p.m., Ellis Library Aud.  
Feb. 11: Pioneers of Modern Painting: "Paul Cezanne," 9 p.m., Ellis Library Aud.  
Feb. 1-27: Paintings on exhibition by Wilbur Niewald at Fine Arts Gallery.  
Feb. 13: Astronomical Film: "The Violent Universe, Part IV," 7 p.m., 114 Physics.  
Feb. 13: MSA Movie: "The Odessa File," 7 and 9:30 p.m., Middlebush Aud. Advanced tickets at Memorial Union, \$.75; door \$1.  
Feb. 14: MSA Movie: "The Fortune," 7 and 9:30 p.m., Middlebush Aud. Advanced tickets at Memorial Union, \$.75; door \$1.  
Feb. 15: MSA Movie: "The magic Christian," "The Party," 8 p.m., Jesse Aud.  
Feb. 15: University Film Program: "Report on The Party and The Guests" and "The Death of Tarzan," 8 p.m., Ellis Library Aud.  
Feb. 17: University Film Program: "Every Man for Himself and God Against All," 8 p.m., Memorial Union Aud.  
Feb. 18: MSA Movie: Errol Flynn Night, "The Adventures of Robin Hood" and "Captain Blood," 7 p.m. Middlebush Aud.  
Feb. 18: University Film Program: "Age of the Medici, Part III," 8 p.m., Memorial Union Aud.  
Feb. 18: Ascent of Man Film: "Hidden Structure," 8 p.m., Ellis Library Aud.  
Feb. 18: Civilization Film: "Man-Measure of All Things," 7 p.m., Ellis Library Aud.  
Feb. 18: Pioneers of Modern Painting: "Georges Seurat," 9 p.m., Ellis Library Aud.  
Feb. 20: Astronomical Film: "The Violent Universe Part V," 7 p.m., 114 Physics. Free and open to the public.  
Feb. 20: MSA Movie: "Scarecrow," 7 & 9:30 p.m., Middlebush Aud. Advanced tickets at Memorial Union, \$.75; door \$1.  
Feb. 21: MSA Movie: "Funny Lady," 7 & 9:30 p.m., Jesse Aud. Advanced tickets at Memorial Union, \$.75; door \$1.  
Feb. 22: MSA Movie: "Thieves Like Us," 8 p.m., Jesse Aud.  
Feb. 22: University Film Program: "Osaka Elegy," 8 p.m., Ellis Library Aud.  
Feb. 24: University Film Program: "Touch of Evil," 8 p.m., Middlebush Aud.  
Feb. 25: MSA Movie: James Dean Night, "Rebel Without A Cause" and "East of Eden," 7 p.m., Jesse Aud.  
Feb. 25: University Film Program: "Rise of Louis XIV," 8 p.m., A & S Aud.  
Feb. 25: Ascent of Man Film: "Music of The Spheres," 8 p.m., Ellis Library Aud.  
Feb. 25: Civilization Film: "Hero As Artist," 7 p.m., Ellis Library Aud.

Feb. 25: Pioneers of Modern Painting: "Henri Rousseau," 9 p.m., Ellis Library Aud.  
Feb. 27: Astronomical Film: "The Nearest Star," 7 p.m., 114 Physics.  
Feb. 27: MSA Movie: "The Three Musketeers," 7 & 9:30 p.m., Jesse Aud. Advanced tickets at Memorial Union, \$.75; door \$1.  
Feb. 28: MSA Movie: "Deliverance," 7 & 9:30 p.m., Jesse Aud. Advanced tickets at Memorial Union, \$.75; door \$1.  
Feb. 29-March 19: William Woods College Faculty exhibition at Fine Arts Gallery.  
Feb. 29: MSA Movie: "The Glass Menagerie," 8 p.m., Jesse Hall.  
Feb. 29: University Film Program: "Fists In The Pockets," 8 p.m., Ellis Library Aud.  
March 2: University Film Program: "Il Grido," 8 p.m., Geology Aud.  
March 3: MSA Movie: John Ford Night, "Stagecoach" and "Drums Along the Mohawk," 7 p.m.  
FRIDAY NIGHTS: Public Telescope Observing, 8 p.m., Laws Observatory, atop the Physics Building.

## LECTURERS, SPEAKERS

Feb. 9: Lunchbag Seminar, "From Freud to Suicide," Nancy Lark, noon. Women's center. Is free and open to the public.  
Feb. 10: YM-YWCA Tuesday Noon Forum, 12:10 p.m., S-16 Memorial Union.  
Feb. 11: Engineering Seminar: A panel discussion held on "Environmental Problems and Solutions of Mining in Missouri", 7:30 p.m., S-204 Memorial Union.  
Feb. 11: "The Black Woman vs. the Black Man in the Job Market," by Betty Anderson, 7:30 p.m., Women's Center.  
Feb. 12: University Club 1975-76: Prof. William Peden, "Thomas Jefferson: Humanist turned Statesman", noon in N214-215 Memorial Union.  
Feb. 12: Lunchbag Seminar, "Feminist Institutions," Jackie Reese, Debra Law, and Jackie Wessel, noon, Women's Center.  
Feb. 17: YM-YWCA Tuesday Noon Forum, 12:10 p.m., S-16 Memorial Union.  
Feb. 18: "Ideological Changes in the Civil Rights Movement," Priscilla Robinson, 7:30 p.m., Memorial Union.  
Feb. 19: Lunchbag Seminar, "Sexual Myths In Our Society," Dr. Joseph Lamberti and June Herborn, noon, Women's Center. Is free and open to the public.  
Feb. 23: Lunchbag Seminar, "Humor In Women and Men," Dr. Fred Breme, noon, Women's Center.  
Feb. 24: YM-YWCA Tuesday Noon Forum, 12:10 p.m., S-16 Memorial Union.  
Feb. 25: "The Black Woman's Self-image," Muriel Battle, 7:30 p.m. Women's Center.  
Feb. 26: Lunchbag Seminar, "Belly Dancing — By Women and For Women," Sharon Scott, noon, Women's Center.  
March 1: "Is Women's Liberation Hazardous to Your Health?," by Thomas Prendergast, on the ground floor of Gentry Hall, 7:30 p.m.  
March 1: Lunchbag Seminar, "Some Men Are More Perfect Than Others," panel discussion, noon, Women's Center.  
March 2: YM-YWCA Tuesday Noon Forum, 12:10 p.m., S-16 Memorial Union.  
March 4: Lunchbag Seminar, "Women In Non-Traditional Careers," Margaret Kline, Dorothy Schoech, and Betty Wilson, noon, Women's Center.

## Committee schedules speakers for 'Lunch n' Learn' sessions

The Sub-committee on the Status of Non-Academic Women has scheduled three "Lunch n' Learn" sessions this semester. All programs will be held at noon in Memorial Union room S16.

Topic of the Feb. 18 program will be announced prior to the meeting. The program for the Feb. 25 meeting will feature a discussion of "Your Credit Union." Karl Guettler, manager of the Mizzou Employees Credit Union, and Barb Hagen, chairman of the credit committee, will discuss credit unions and how they operate.

Gail Ginder, program advisor at the Women's Center, will show a film on "Assertion Training" and lead the discussion at either the March 3 or 10 meeting.

Those interested are encouraged to bring their lunches to the sessions.

In addition, the sub-committee has called a special meeting of women employees who work in Jesse Hall at noon, Tuesday, Feb. 10 in room 410c Jesse Hall.

Purpose of the meeting is to acquaint women employees with the recent activities of the subcommittee and provide an opportunity for discussion of current problems. Margaret Kraeuchi, information specialist III, University Information Services, will lead the discussion.

Those interested are encouraged to bring their lunches to all sessions.

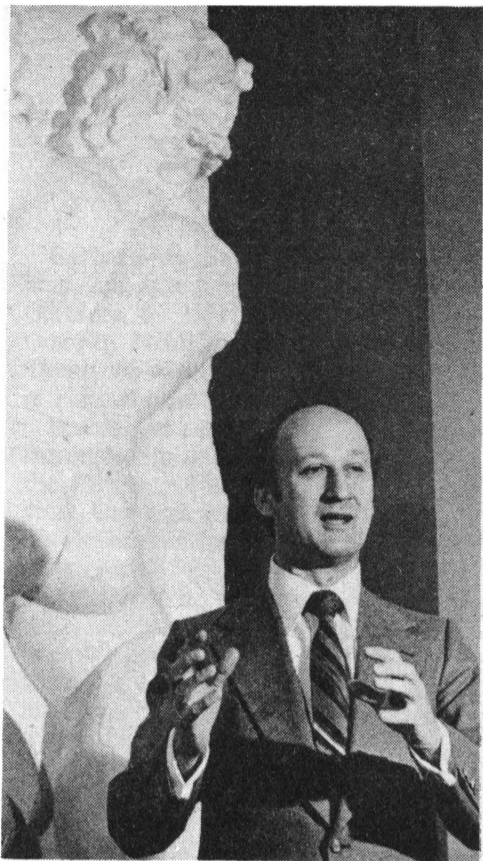
The Entomology Museum in the Agriculture Building, Hitt and Rollins Street holds a world-wide research collection of approximately 800,000 specimens, mostly from Missouri.

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Robert Schaeffer

## For discovery of coins

# UMC receives Wenceslas Medallion

The Wenceslas Medallion, emblematic of significant advancement in the knowledge of coins and medals, was presented to UMC by Robert Schaeffer, consul of Luxembourg on March 4.

Schaeffer, who is stationed in Kansas City, represented the State Museums of the Grand Duchy of Luxembourg in making the presentation to UMC Chancellor Herbert W. Schooling at the Cast Gallery of the new Art History and Archaeology Building (the former Old Chemistry Building).

The award was made in recognition of the discovery of a large number of pre-Roman Celtic coins and the mints in which they were made. UMC archaeologists uncovered the find in excavations made at Titelberg in Luxembourg.

Work at the site is under the direction of Homer L. Thomas of the department of art history and archaeology and Ralph M. Rowlett of the department of anthropology.

Exploration of the site took place in 1971

after Kingdon Gould, then ambassador to Luxembourg, contacted Thomas about the possibility of an American excavation. Actual work began in 1972 and continued in the following year with the support of grants from a private foundation and from NATO.

The National Science Foundation supported further excavations in 1974, a visit to the site last year, and excavations planned for this year and in 1977.

The Titelberg site is generally recognized as one of the last important archaeological sites in northwestern

Europe and is one of unusually long occupation. Its importance is characterized by the evidence of industrial activity. Discoveries at the site are expected to aid in study of the chronology of the late Iron Age and the rule of the Romans in this area of Europe.

The Wenceslas Medallion, voted by the Cabinet de Medailles (coins and medals section) of the Luxembourg State Museums, is reserved for presentation to individuals or institutions who make significant contributions to the field of numismatics (study of coinage, currency and medals).

## Distinguished law professor joins UMC faculty in fall



John W. Wade, distinguished professor of law at Vanderbilt University, recognized as one of the top scholars in the field of torts in the U. S., has been appointed as the first Earl F. Nelson professor of law at UMC.

Wade will join the faculty for a year next fall. He will teach the basic first year course in torts, conduct a torts seminar, and offer a course on restitution, a field in which he has written his own case book.

Wade is a widely published scholar, author of four books, four forewords to books and scores of articles and essays. He currently is the reporter for the American Law Institute's restatement of torts.

A graduate of the University of Mississippi, Wade received bachelor's and juris doctor degrees in 1932 and 1934. At Harvard University he received two advanced law degrees in 1935 and 1942.

Wade served on the University of

Mississippi faculty from 1936 until 1947 when he moved to Vanderbilt. He was dean from 1952 to 1972 and since that time has been a distinguished professor. Wade has held visiting professorships at Texas, Columbia and Cornell universities. Since 1973 Wade has been national president of the Order of the Coif, a legal scholastic society.

The Nelson Chair of Law was established by the late Edna Nelson, widow of the former St. Louis attorney who served six years on the University Board of Curators. Earnings of the trust fund, the principal of which exceeds \$500,000, are used to supplement the UMC salary of the designated professor and for scholarship programs.

The trust specifies that the Nelson professorship shall go to a professor of law who is a full-time member of the faculty. A search has been underway for two years for the first recipient.

The Nelsons were closely identified with the University. Nelson was a 1905 UMC graduate and founded the Law School Foundation before his death in 1945. Mrs. Nelson received two degrees from UMC. Her father, four brothers and sisters attended UMC.

The Nelsons also provided endowment funds for the annual Earl F. Nelson lecture, and from 1948 until her death Mrs. Nelson annually provided funds for a dinner honoring the student editors and staff of the Missouri Law Review, a function continued by the Law School Foundation in her honor.

## Feminist advocate to speak March 22

Germaine Greer, author of the 1970 best-seller "The Female Eunich," will speak at 8 p.m. Monday, March 22 in Jesse Auditorium. Her speech is sponsored by the Missouri Students Association.

Considered by many to be the feminist movement's most spectacular advocate, Ms. Greer gained success and notoriety through an unconventional and seemingly paradoxical background.

After teaching at a girls' high school and working as a senior tutor in English at Sydney University, in 1964 Greer accepted a Commonwealth Scholarship that brought her to Cambridge, England. Three years later she received her Ph.D. in Shakespeare.

Since publication of her book which catapulted her to fame — she has been lionized, reviled, loved and hated by seemingly every faction within or outside of the women's movement.

Said one reviewer, she's a "good old-fashioned idealist and humanist who wants a world where children need not fear adults; where men and women do not take each other for granted but adopt a new set of values and joyful ways of living to produce a true human liberation."

# campus columns

## UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 7, No. 7

Wed., March 10, 1976

## Two mid-Missouri journalists receive Missouri honor award

A Columbia radio station general manager and a Warrensburg publisher-radio station owner are among seven medalists to be honored next month with Missouri Honor Awards for Distinguished Service in Journalism, according to Journalism Dean Roy M. Fisher.

The 1976 medalists are: Mahlon Aldridge, general manager of Columbia radio station KFRU and for nearly two decades the "Voice of the Tigers;" Avis Tucker, publisher of the Warrensburg Daily Star-Journal, owner-operator of radio station KOKO and former president of the UM Board of Curators; James W. "Wes" Gallagher, president and general manager of the Associated Press;

Walter W. "Red" Smith, considered by many to be the dean of sports writing and currently a contributing columnist with

the New York Times; Kansas City native Carl Nichols for Cunningham and Walsh Advertising Agency; the weekly in-depth television documentary "60 Minutes;" and the "Maine Times," a weekly tabloid published in Topsham, Maine, with a circulation of about 20,000.

Instituted in 1930 and based upon continued excellence rather than singular achievement, the Missouri medals are awarded through an honors committee composed of School of Journalism faculty members. Faculty and non-faculty can recommend nominees.

The medals will be presented during the 67th annual Journalism Week banquet, April 23. Featured speaker for the banquet, the highlight and conclusion of the week, will be announced at a later date.

## Committee selects Gist as '76 Jefferson awardee

Noel P. Gist, professor emeritus of sociology, has been selected to receive the Thomas Jefferson award for 1976. The award is made annually to a member of the University community who best represents the traditions of Jefferson.

Gist was nominated by the sociology department in recognition of his outstanding accomplishments in that field. His retirement in 1969 marked 32 years of service to the institution, but since that time he has continued studies and research.

Presentation of the award will take place April 13, the anniversary of the birth of the third president of the United States whose gravestone stands on the UMC

campus.

A native of Hermitage, Gist holds degrees from Kansas State, Kansas and Northwestern universities and taught for eight years at the University of Kansas before joining the UMC faculty in 1938. He was a Fulbright scholar or senior lecturer at Mysore and Calcutta universities in India and Groningen in The Netherlands and spent a year as senior specialist at the East-West Center in Honolulu.

Author or co-author of six books and of 33 journal articles, Gist served as president of both the Midwest and Missouri Sociological societies. He was chief architect and an early director of the South Asian Studies Program and con-

tributed \$5,000 of his own money to provide a loan fund for minority students in sociology.

Gist joins a distinguished list of faculty members who have received the award, which first was presented in 1967 to Elmer Ellis, president emeritus. Other recipients have included late John G. Neihardt, poet; James L. Bugg, Jr., former chancellor of UMSL; Carleton F. Scofield, former chancellor of UMKC; Lewis E. Atherton, professor emeritus of history; William H. Peden, professor of English; Ernest Manheim, professor emeritus of sociology at UMKC; Norman N. Royall Jr., UMKC; and James Neal Primm, professor of history, UMSL.

## Engineer explains efficiency in air conditioning systems

With the recent unseasonably warm weather Columbia has been having, many people have begun thinking of air conditioning.

A UMC specialist points out that now is the time that manufacturers and dealers of air conditioning units offer discount incentives to stimulate sales.

"We are now in an energy conscious time, and the careful selection of an air conditioner unit can help conserve our energy resources, as well as save on operating costs," says Fred M. Crawford, UMC extension agricultural engineer.

The latest air conditioners have an energy efficiency ration (EER). Crawford says this is the relationship of the BTU cooling output to the electrical input in watts.

A low efficiency unit will have an EER rating of about five, while a high rating will be about nine.

"This means that if you purchase a

36,000 BTU central unit with an EER of eight, it will use 45 kilowatts of electricity every hour it runs," Crawford points out. "If it has an EER rating of only 5.5, it will use 6.5 kilowatts every hour.

"The difference in this case is 2.0 kilowatt hours. If your electricity costs \$3 per kilowatt, this amounts to a savings of 6 cents per hour. If you run the unit 800 hours per season, the difference would amount to \$48 for the cooling season."

Crawford explains that the savings for smaller or larger units would be in the same proportion.

"A savings of \$25 to \$30 per year may not seem like much," he comments, "but in eight or 10 years it will be a substantial amount."

A unit with a high EER will cost more to buy than one with a low EER, but Crawford feels that the purchaser should also consider the overall contribution towards saving energy and the lower cost of operation.

## For human services

### United Way approves allocations

The United Way Board of Directors approved, in February, the Budget Committee's recommendations for direct allocation of \$251,937 to its 24 member agencies, according to Bob Chester, United Way President. He also announced that an additional \$21,780 had been set aside as match money on a three to one basis for support of human services programs that are eligible for federal money under the provisions of Title XX of the Social Security Act.

According to Nysten Edwards, UMC professor of marketing and chairman of the United Way Budget Committee, the \$21,780 when fully utilized by eligible agencies, could bring \$58,806 additional dollars to the community to support program services as follows: homemaker and chore services; educational, evaluative and diagnostic programs for handicapped employment readiness treatment; family and interpersonal counseling; and alcohol and drug abuse counseling.

The Budget Committee based its allocations to agencies on information gathered from panel interviews with each agency director and president of the Board of Directors. Community members serving on the Budget Committee were:

Edwards, chairman; John Ader, Linda Berrier, Cynthia Bland, Helen Burcham, Dr. Lee Cary, Charles Christy, Bill Howe, Jack Kennedy, Mike King, Paul Kuckelman, Dr. Wendell McKinsey, Jim McTurnan, Lee Putnam and Dr. Russell Thompson.

The total of allocated money came to 80 per cent of the \$350,770 pledged in the campaign. An estimated shrinkage of 5 per cent (for losses due to uncollectable pledges, caused by job changes, moves, etc.) was routinely deducted from the total.

Chester noted an increase in the United Way Office Budget from 13 per cent to 15 per cent. Adding that "this increase reflects our addition of staff and programs to maintain effective stewardship for campaign funds and to capitalize on funds available through Title XX. An increased effort has also been made in public information programs."

Actual cost of running the yearly United Way campaigns range between 6 per cent and 7 per cent of the total contributed and pledged during the campaigns.

Information on individual agency allocations is available from 8:00 a.m. and 4:30 p.m. daily at the United Way office, 209 Strollway Centre.

## Promotions

Anna Baker, from secretary to senior secretary; Kathryn Baylor, from stenographer to secretary stenographer; Gara Ann Bowne, from switchboard operator to telecommunication operator; Beverly Burge, from secretary to senior secretary; John Burks, from foreman maintenance to maintenance coordinator; Dele Duke, from secretary to senior secretary; Ralph Dorell, from senior research technician to research specialist.

Estill Ezell, from computer programmer to senior computer programmer; Patricia Foster, from scoring technician to senior clerk; Willie Gardner, from nursing technician to supervisor venipuncture; Donald George, assistant supervisor to supervisor.

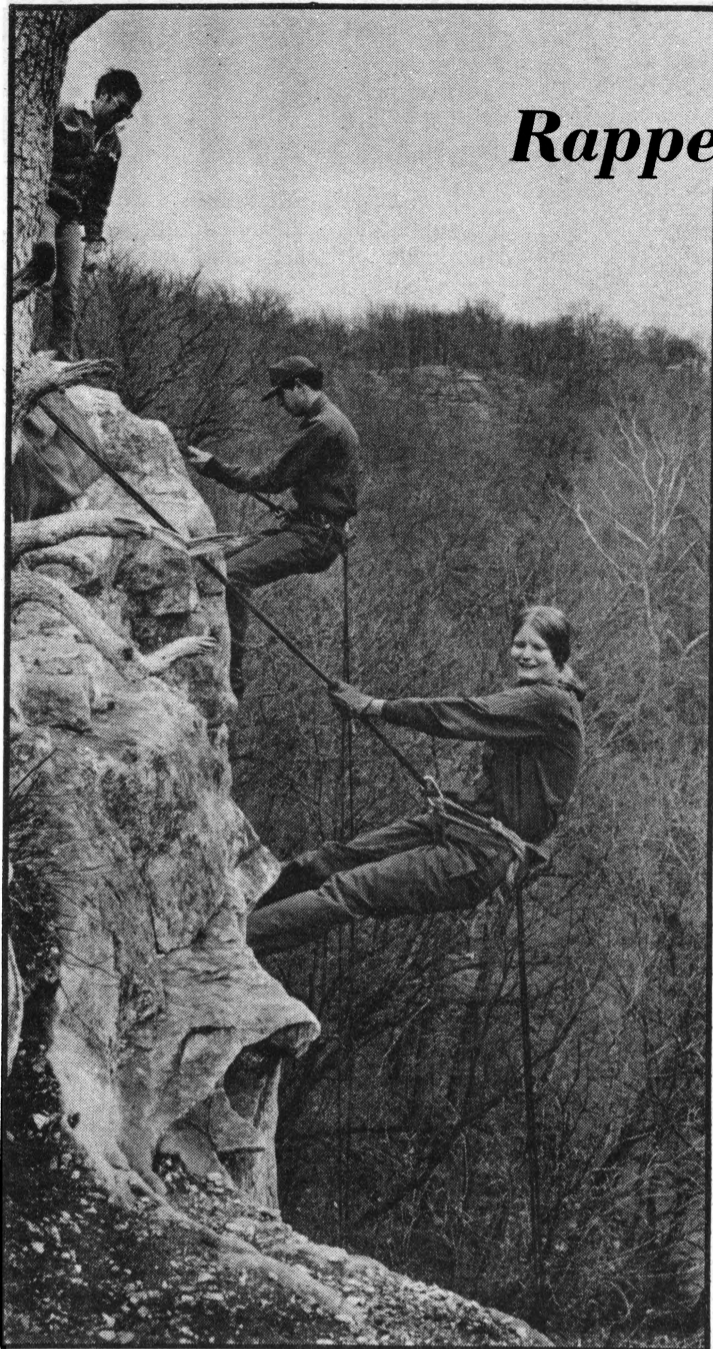
Debra Hansen, from referral coordinator to chief clerk; Cathy Harlan, from laboratory technician to senior lab technician; Johnny Hart, from research technician to senior research technician; Janie Hayden, from senior clerk typist to senior secretary; Gerald Herrin, from library clerk II to stores clerk; Chrys-Ann Higginbotham, from laboratory assistant

to laboratory technician.

Mary Ellen Karl, from graduate practical nurse to senior licensed practical nurse; Michell Kelly, from medical records typist to medical records supervisor; Mack Will Lester, from power plant trainee I to refrigerator mechanic; Mary Lou Maupin from clerk typist to senior clerk typist; Wanda McCart, from keypunch operator to clerk typist II; Robert Meredith, from farm worker II to animal technician; Meta Miller, from feed service supervisor to manager.

Donna Moore, from senior accounting clerk to fiscal assistant; Alma Olson, from secretary stenographer to senior accounting clerk; Eugene Reed, from wash rack attendant to auto mechanic; Carol Sue Risk, from clerk to receptionist II; Alex Smith from mail clerk to messenger; Josephine Smith, from nursing Unit assistant to senior clerk; Roy Sontag, from bus driver to auto mechanic apprentice.

JoAnn Squire, from secretary stenographer to secretary; Stephen Stewart, from stores clerk to routeman;



## Rappelling

Debra Crites, newly named commander of the Army Rotc Black Berets, scales a cliff. The Black Berets is a ranger unit which conducts training in mountaineering techniques and patrolling.

## Reese to manage benefits

Michael O. Reese, corporate compensation and benefits manager of The Lane Company, Inc., furniture manufacturers, has been named manager of staff benefits for the University.

Reese will coordinate administration of UM's four-campus staff benefits program and the benefits program for central administration personnel. He will be responsible for information and publications about the University's staff benefits and will work with the University's Retirement and Staff Benefits Committee in overall planning for the benefits program.

Starting with The Lane Company in

1966, Reese successively was assistant production manager, director of production planning and product engineering and assistant plant manager. Since 1972 Reese has been compensation and benefits manager for Lane's several divisions and subsidiaries.

## News-In-Sound

For a brief nightly run-down of cultural events, entertainment features and campus news call News In Sound, 882-7869, produced by the Office of Public Information for the University of Missouri, Columbia.

## CAMPUS COLUMNS

Campus Columns is published monthly except July and August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office: 882-6211.

For change of address, obtain W-4 Form from departmental office, fill out entirely, and send to Payroll Office, 16 Jesse Hall. Editor: Anne D. Robinson

The University of Missouri  
An Equal Opportunity Institution

Paula Stogsdill, from secretary to administrative secretary.

Edward Sullivan, from nursing unit assistant to nursing unit manager; Claude Swager, from water treater to fireman; Rose Sweeney, from research specialist to supervisor fertilizer laboratory; Bonnie Williams, from switchboard operator to telecommunication operator; Brenda E. Worley, from admitting interviewer to senior admitting interviewer.

Larry Allen, from computer programmer to systems process analyst; Richard Gegemann from computer operator to senior computer operator; Susan Burns, from fiscal assistant to accountant; Rollie Clud, from janitor to deliveryman; Addie Dysart, from senior clerk to bindery operator; Ronald Gini, from composition coder to copy preparation specialist; Sadie Groves, from food service attendant I to offset operator; Janet Montgomery, from composition technical writer to information specialist; Iona Rosson, from senior stenographer to secretary.

*Know your curators:*

## Barbara A. Berkmeier



Barbara A. Berkmeier, Chesterfield, was appointed to the UM Board of Curators by Gov. Christopher Bond in October 1975. She replaces William S. Thompson who resigned before expiration of his term in January 1979.

Berkmeier received a B.S. in education from UMC in 1966. She has taught in both the Ferguson-Florissant and the River-view Gardens school district. She has developed curricula under Title III for district-wide use and has trained in preventive drug education.

Berkmeier has worked on the UMC alumni association's Committee for Women's Athletics. While at UMC on an athletic scholarship, Berkmeier served as a personnel assistant in the dormitories.

## Annual retiree luncheon scheduled for April 14

The current status of employee retirement benefits will be the subject of a speech given at this year's annual retiree luncheon held at noon, Wednesday, April 14 in room N-201 Memorial Union. All retired faculty and staff from the University are invited to attend.

Approximately 400 retired faculty and staff members, their wives, husbands, widows and widowers are expected to attend the buffet luncheon, which will be presided over by Mary Helen Jones, chairperson of the subcommittee planning the event.

Chancellor Herbert Schooling will be the principal speaker at the luncheon. Donald Holm, assistant to the vice president for finance and treasurer, and Henry Brent, professor emeritus of chemistry, will also speak on the current status of retirement benefits.

Other members of the subcommittee

responsible for planning the luncheon are: John M. Welch, professor emeritus of food science, Sara Grant, former assistant to the registrar, Ruby Potter, dean emeritus of nursing, Carmel Ballew, professor emeritus of extension education, and Gladys Pihlblad, former assistant to the director, Center for Student Life.

Members of the Retirement Advisory Committee in general charge are: Newell Gingrich, professor emeritus of physics, Henry Brent, Charles Mullett, professor emeritus of history, Edmund Marshall, professor of agronomy, Robert McNamara, professor emeritus of rural sociology, and Loren Reid, professor emeritus of speech and dramatic art and chairman of the committee.

Reservations for the luncheon will be mailed in the last week of March. Anyone who did not receive the forms are asked to contact Mrs. Smith or Mrs. Glass at 882-3683.

# Calendar of Events

### CONCERTS, PLAYS

- March 15: Royal Tahitian Dance Company, 8:15 p.m., Jesse Aud.
- March 21: Collegium Musicum: 8:15 p.m., First Baptist Church.
- March 24-27: University Theatre: Winners of the Missouri One Act Play Contest, 7:30 p.m. General admissions: \$2.50.
- March 31: April 1-3: Original One Act Plays Festival, 7:30 p.m., University Theatre.
- March 31, April 1-3: Studio Theatre: "The White Whore and the Bit Player," 7:30 p.m. basement of Gentry Hall.
- April 1: Faculty Piano Recital: Kenneth Smith, 8:15 p.m. Recital Hall.
- April 5: MSA Broadway Play "The Tempest," 8 p.m. Jesse Aud. Tickets: \$4, \$3.25, or \$2.50.
- April 1: International Night II, 8 p.m., Jesse Aud.

### LECTURERS, SPEAKERS

- March 15: "Issues of Reproductive Freedom," by Dr. John Higdon, 7:30 p.m. on the ground floor of Gentry Hall.
- March 15: Lunchbag Seminar, "Double Jeopardy—To Be Black and Female," Avis Graham, noon, on the ground floor of Gentry Hall.
- March 16: YM-YWCA Tuesday Noon Forum, 12:10 p.m., S-16 Memorial Union.
- March 17: Engineering Seminar: James Regan will speak on "Air Pollution Study in St. Louis, Missouri", 7:30 p.m. S-204 Memorial Union.
- March 18: University Club 1975-76: President Arland Christ-Janer "New Leaves Among the Ivy", noon N214-215 Memorial Union.
- March 18: Lunchbag Seminar, "How To Get Your Parents to Treat You More Like A Person Than A Daughter," Sharon Pope, noon on the ground floor of Gentry Hall.
- March 18: Committee on Medieval and Renaissance Studies sponsors "The Present State of Studies in English and Renaissance Literature," by Dr. Richard J. Schoeck, 8 p.m., Memorial Union Aud.
- March 19: Committee on Medieval and Renaissance Studies sponsors a panel discussion on English Renaissance Studies with Dr. Richard J. Schoeck.
- March 22: "Sexism and Health Care," Sharon Lavery, 7:30 p.m. on the ground floor of Gentry Hall.
- March 22: Lunchbag Seminar, "Women In the Counter-culture" Corless Smith, noon on the ground floor of Gentry Hall.
- March 22: English Lecture Series: "Reinterpreting Coleridge's 'Ancient Mariner'" Richard Hocks, 8 p.m., Small Ballroom Memorial Union.
- March 23: YM-YWCA Tuesday Noon Forum, 12:10 p.m., S-16 Memorial Union.
- March 24: Lunch 'n Learn: Don Zick, manager, U-wide training and development, noon, Memorial Union S-16.
- March 25: Lunchbag Seminar, "Women and Government," a panel discussion, noon on the ground floor of Gentry Hall.
- March 29: Lunchbag Seminar, "How To Be A Whole Person In Married Society," Lois Huebner and Gary Decker, noon on the ground floor of Gentry Hall.

- March 30: YM-YWCA Tuesday Noon Forum, 12:10 p.m., S-16 Memorial Union.
- April 1: Lunchbag Seminar: "I Will Follow Him . . . Or Will I? Decisionmaking In A Two-Career Marriage," Eileen Lineberry, Karen Olson, and Marvin Rogers, noon, on the ground floor of Gentry Hall.
- April 5: Lunchbag Seminar: "Assertion Training For Men and Women," Cathy Steel and Frank Lahman, noon, on the ground floor of Gentry Hall.
- April 6: YM-YWCA Tuesday Noon Forum, 12:10 p.m., S-16 Memorial Union.
- April 8: University Club 1975-76: Margaret Flynn, "Keeping the Professor Healthy", noon in N214-215 Memorial Union.
- April 8: Lunchbag Seminar, "Men and Masculinity," Michael King, Cary Shookoff, Cleary Ecklman, Neal Sofian, and Frank Lahman, noon on the ground floor of Gentry Hall.
- April 11: Collegium Musicum: 3:30 p.m., Fine Art Recital Hall.
- April 13: YM-YWCA Tuesday Noon Forum, 12:10 p.m. S-16 Memorial Union.

### DEADLINES, OTHER EVENTS

- March 15: Faculty Bulletin Deadline
- March 15: International Student Program: "It's A Small World-France" 7:30 p.m. Read Hall Basement.
- March 18: International Student Program: Martial Arts Demonstration, 8 p.m., Jesse Aud.
- March 19-20: Africa Day.
- March 22-26: Business and Public Administration Week.
- March 22: International Student Program: International Coffeehour "The Independence That is Not The Third World Experience" 7:30 p.m., Read Hall Basement.
- March 29-April 2: Education Week, campus-wide.
- March 24: Spectrum Deadline
- March 25: International Student Program: Chinese Paper Cutting Demonstration, Mrs. Elizabeth Wu, 7:30 p.m., S-203 Memorial Union.
- March 26-28: International Student Program: International Communications Workshop, Stephens College.
- March 29: International Student Program: "It's A Small World-Iraq," 7:30 p.m., Read Hall Basement.
- March 29: Campus Columns Deadline
- April 3: Education Alumni Awards Banquet, Memorial Union, p.m. Reservations required -882-8311.

### FILMS, EXHIBITS

- March 14: MSA Movie: "Alice's Restaurant," 8 p.m., Jesse Aud.
- March 14: University Film Program: "La Rupture," 8 p.m., Ellis Library Aud.
- Until March 15: Stanley Hall Gallery: Student Show.
- March 15-19: Fine Art Gallery: William Wood College Faculty Exhibit.
- March 15-April 15: Stanley Hall Gallery: Alumni Show.
- March 16: University Film Program: "The Ladykillers," 8 p.m., Middlebush Aud.
- March 17: MSA Movie: Joanne Woodard Night,

- "Rachel, Rachel," and "Summer Wishes, Winter Dreams," 7 p.m., Middlebush Aud.
- March 17: Ascent of Man Film: "Majestic Clockwork," 8 p.m., Ellis Library Aud.
- March 17: Civilization Film: "Grandeur and Obedience," 7 p.m., Ellis Library Aud.
- Until March 19: William Woods College Faculty exhibition at Fine Arts Gallery.
- March 19: Astronomical Film: "Ascent of Man VI: The Majestic Clockwork," 7 p.m., 114 Physics.
- March 19: MSA Movie: "Alice in Wonderland," 7 & 9:30 p.m., Middlebush Aud. Advanced tickets at Memorial Union ticket window. \$.75; door \$1.
- March 20: MSA Movie: "Shampoo," 7 & 9:30 p.m., Jesse Aud. Advanced tickets at MUTW \$.75; door \$1.
- March 21-April 9: Faculty of UMC Art Dept. exhibition at UMC Fine Arts Gallery.
- March 21: MSA Movie: "The Life and Times of Judge Roy Bean," 8 p.m., Jesse Aud.
- March 21: University Film Program: "Rebellion," 8 p.m., Ellis Library Aud.
- March 23: University Film Program: "Pierrot Le Fou," 8 p.m., Jesse Aud.
- March 24: MSA Movie: Gordon Parks Night, "The Learning Tree" and "Thomason and Bushrod," 7 p.m., Middlebush Aud.
- March 24: Ascent of Man Film: "Drive for Power," 8 p.m., Ellis Library Aud.
- March 24: Civilization Film: "Light of Experience," 7 p.m., Ellis Library Aud. Is free and open to the public.
- March 26: Astronomical Film: "Ascent of Man VII: 'The Drive for Power,'" 7 p.m., 114 Physics. Free and open to the public.
- March 26: MSA Movie: "Tommy," 7 & 9:30 p.m., Jesse Aud. Advanced tickets at Memorial Union Ticket Window \$.75; door \$1.
- March 21-April 9: Fine Art Gallery: UMC Faculty Art Dept.
- March 27: MSA Movie: "Tommy," 7 & 9:30 p.m., Jesse Aud. Advanced Tickets at Memorial Union Ticket Window \$.75; door \$1.
- March 28: MSA Movie: "The Autobiography of Miss Jane Pittman," 8 p.m., Jesse Aud.
- March 28: University Film Program: "Simabaddha," 8 p.m., Ellis Library Aud.
- March 30: University Film Program: "The Garden of Delights," 8 p.m., Middlebush Aud.
- March 31: MSA Movie: Thriller Night, "Duel" and "Bird With A Crystal Plummage," 7 p.m., Middlebush Aud.
- March 31: Ascent of Man Film: "Ladder of Creation," 8 p.m., Ellis Library Aud.
- March 31: Civilization Film: "Pursuit of Happiness" 7 p.m. Ellis Library Aud. Is free and open to the public.
- April 2: Astronomical Film: "To the Ends of Time," 7 p.m. 114 Physics. Free and open to the public.

FRIDAY NIGHTS: Public Telescope Observing, 8 p.m., Laws Observatory, atop the Physics Building.  
 April 2: MSA Movie: "Stardust," 7 & 9:30 p.m., Middlebush Aud. Advanced tickets at Memorial Union Ticket Window. \$.75; door \$1.  
 April 3: MSA Movie: "Zardoz" 7 & 9:30 p.m., Middlebush Aud. Advanced tickets at Memorial Union Ticket Window \$.75; door \$1.



# University honors four industry leaders for service in engineering

Missouri Honor Awards for Distinguished Service in Engineering will go to four industry leaders at the annual Engineers Week at UMC this spring.

Recipients — announced by Chancellor Herbert W. Schooling — are: Milton R. Gaebler, vice-president of engineering for Anheuser-Busch, Inc. of St. Louis; L. C. "Roy" Hansen, president of A. B. Chance Co. of Centralia, Mo.; John H. Stufflebean, president of Blanton and Company of Tucson, Ariz.; and Charles H. Zurheide, president of Zurheide-Herrmann, Inc. of St. Louis.

Presentation of the awards will be made at the annual Engineering Honor Awards Banquet to be held April 2 in the Memorial

Union. The UMC College of Engineering hosts the event.

Gaebler is a native of St. Louis and a 1940 engineering graduate of UMC. He has been a member of the Anheuser-Busch staff since 1949, serving as senior plant engineer for 14 years. He moved to positions of increasing responsibility, and was named vice-president of engineering in 1974. He is credited with the introduction of technical improvements that have revolutionized the high-volume packaging industry.

Hansen has spent 29 years with the A. B. Chance Company, beginning as a sales engineer in 1947. As the company's top sales executive from 1949-60, he built a

sales force of technically trained personnel and directed introduction of key new products which helped company sales grow from \$5 million in 1949 to \$118 million in 1974. As president of the company since 1971, Hansen has directed major expansion of production facilities in five cities.

Stufflebean, a 1945 graduate of UMC, has been a member of the Blanton and Company staff for 30 years. He has been president of his company since 1969, and directs the activities of a firm offering services ranging from highway design to civil defense studies. Stufflebean is past president of the National Society of Professional Engineers and served for

five years as director of the UMC Engineering Alumni Association.

Zurheide, a St. Louis native, is also a UMC graduate (1944). Following experience with two St. Louis firms, he founded the company that later became Zurheide-Herrmann Inc. He was named president of that company in 1964. He has received the Engineer of the Year award from the St. Louis chapter of the Missouri Society of Professional Engineers. Zurheide has expanded his company's consulting services to include contracts with clients ranging from Procter and Gamble to the United States Postal Service.

## Twenty-three UMC employees receive five year service pins

Five year service pins have been awarded to the following employees:

Dorothy Jean Watson, senior secretary, home economics; Phillie D. Balance, secretary, student life; Mary Sue White, food service worker I, dormitories; Frankie May Calvert, stenographer, engineering dean's office; Ronald Lee Dameron, food service worker II, dormitories;

Michael Raymond Deaver, police captain, University Police; Frank James Jackson, food service worker I, dormitories; Sue B. Long, senior secretary, physics; Barbara Sue Moore, food service worker II, dormitories;

Jean Ellen Coy, secretary, philosophy; Margaret Elizabeth Rippetto, janitor, memorial union; Kenneth Lewis Heath, janitor, janitors; Rebecca Sue Marler,

stenographer, coop extension service; Dorothy E. Nichols, receptionist II, registrar and admissions; Larry Wayne Spencer, heavy equipment mechanic, agriculture director's office;

Phillip Reid, inventory clerk, purchasing; Charles William Farquar, assistant to dean, engineering dean's office; John William Jennings, meat processor; Michael J. Paden, senior fiscal

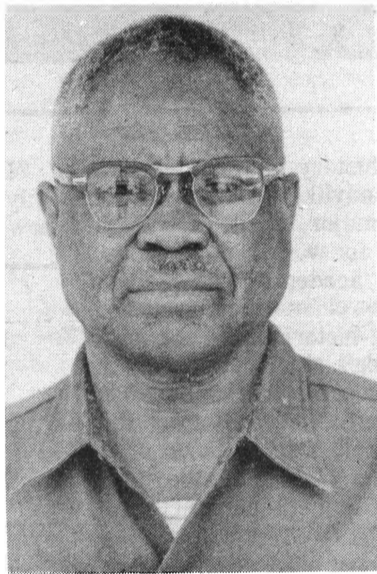
analyst, office of vice president for finance and treasurer;

Noel Linsey Williams, manager financial reporting, office of vice president for finance and treasurer; Barbara Ellen Hodges, senior secretary, Missouri Regional Medical Programs; Andy Joe Meyer, electronic technician, office of research.

## service awards



**Robert C. Bassford**  
Purchasing Agent  
Purchasing  
15 years



**David Edward Boone**  
Janitor  
Janitors  
15 years



**Opal Glass**  
Administrative Assistant  
Provost for Administration  
10 years



**A. Lowry Henley**  
Asst. Dir.  
Memorial Union  
15 years



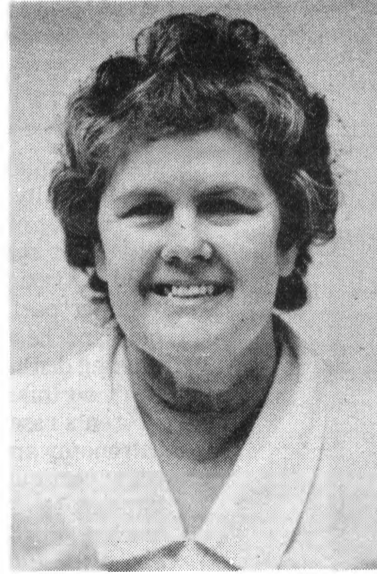
**Leona May Howell**  
Secretary Stenographer  
Medicine Dean's Office  
10 years



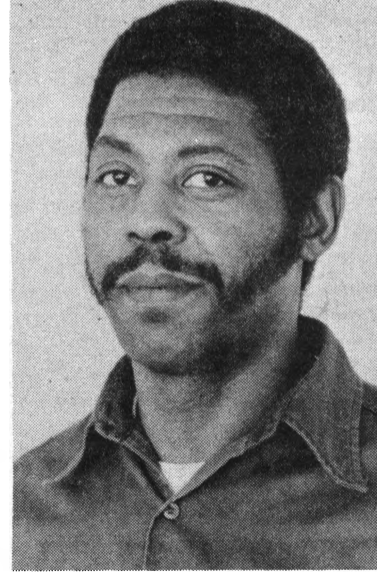
**Alice Lucy McCray**  
Clerk Typist II  
Office of Public Information  
15 years



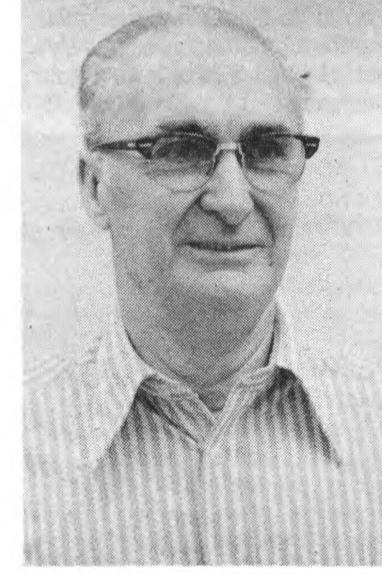
**Patsy T. Parker**  
Administrative Assistant  
Psychiatry  
10 years



**Venus Fern Rader**  
Food Service Worker II  
Memorial Union  
10 years



**Lawrence T. Shipley**  
Lead Janitor  
Dormitories  
15 years



**Ralph White Williams**  
Bindery Foreman  
Office of Bus. Mgmt.  
15 years

Not pictured here but also receiving service awards are:

Thirty year awards: Harry J. Fields, director of purchasing, office of business management; Raymond Halbert, director of physical plant and construction, office of business management; Thomas B. Stroup, associate director, coop extension service;

Twenty-five year awards: Gail William King, Jr., director of coop extension service;

Twenty year awards: Hubert Harold Headricks, director, coop extension service;

Ten year awards: Orilla Mae Nichols, senior cashier, office of provost for ad-

ministration; Floyd Edgar Looney, milker, dairy husbandry; Leonard Andrew Perkins, janitor, janitors;

Thelma Lucille Harmon, junior lab technician, agriculture director's office; Robert C. Thoroughman, junior systems analyst, Missouri institute of psychiatry; Elvia Lee Green, janitor, dormitories.

Kenneth Eugene Butler, food service worker II, intercollegiate athletics; Davis Ray McGuire, supervisor, office of vice president for finance and treasurer; Alma Ballard, commercial artist, office of business management; Addie Lee Dysart, senior clerk, office of business management; Juanita Perkins, clerk, office of business management.



## Concert highlights include bluegrass, jazz, tap dances

Bluegrass, Ben Shahn and Allison Burgwin are all featured in this year's UMC Dancers Concert sponsored by the department of health and physical education and presented at 8 p.m., Friday, April 2 in Jesse Auditorium.

Guest choreographer Allison Burgwin, of Stephens College, is directing an original "Bluegrass Ballet" for the program, with live music provided by Kathy Baker on dulcimer and a local bluegrass band.

Sharon Friedler, instructor and director of this year's concert, will present an original piece inspired by the lithographs of Ben Shah and poems of Ranier Maria Rilke which will be read as part of the program. The six movement suite is entitled "For the Sake of a Single Verse," after the title of Rilke's book.

In addition, a number of shorter

modern, jazz, ballet and tap pieces, choreographed and performed by UMC students and faculty, will be presented in the program.

Allison Burgwin, who is presently finishing her degree at Stephens College, has directed many professional dance concerts. Most recently, Ms. Burgwin produced "Bumperton, Hopping and Snickerville," for the Stephens College Theatre, and will choreograph "Little Mary Sunshine" later this spring.

Sharon Friedler, who also directs the modern dance workshop, choreographed an original piece for last year's UMC Dancers Concert, entitled "The Space Between."

Tickets cost \$1.00. They go on sale at McKee Gym one week before the concert and at Jesse Hall on the evening of the performance.

## Two-day conference features management skills for women

The former chairman of the Federal Maritime Commission, Helen Delich Bentley, will be one of several speakers at a two-day conference titled "Opportunities: Women in Management" which will be held April 20 to 21 at the Ramada Inn.

Other speakers include Patricia Jakubowski, associate professor of behavioral studies, UMSL and co-author of "Responsible Assertive Behavior: Cognitive-Behavioral Procedures"; Betty L. Siegel, dean of academic affairs for continuing education, University of Florida; H.F. Houser, manager, training and development, Monsanto Company and Kay Snider, personnel management specialist, U.S. Civil Service Commission.

Purpose of the conference is to involve participants in "confronting issues inherent in the predominantly male business world; broaden participants' understanding of issues involved in management positions and role expectations, and increase skills in managing personal and professional lives." The conference will include presentations and workshops.

The conference is sponsored by the UMR social sciences department, engineering management department, Extension Division in cooperation with the Missouri League of Women Voters and the

American Association of University Women in Missouri.

Registration fee is \$50. In addition to this is a \$4.50 luncheon and \$7.50 banquet. Registration and fees may be sent to Extension Division, UMR, Rolla, Mo. 65401.

## UMC blood drive set for March 24

UMC and the American Red Cross are once again sponsoring a Faculty-Staff Blood Drive, scheduled for March 24 at Brewer Field House Trophy Hall.

This season's goal is 150 units, according to Lewis Stoerker, associate professor of speech and director of the campus blood drive. In order to reach that quota, 200 donors are needed.

"It's especially important that we reach our quota this year with the upcoming flu season," Stoerker said, noting that all donors receive a routine physical examination without charge whenever they give blood.

Those able to give blood should go to Brewer Field House between 12:00 noon and 5:15 p.m. March 24. All UMC faculty and staff are invited to participate.

## Welcome

Magdalen Mitchel, food service Worker II, Memorial Union; Judy K. Hudnut, secretary-steno, psychology; Donald Huckla, supervisor-pest management; Kalli G. Franklin, secretary-stenographer, University Extension; Martha Anna Brunston, food service worker I, dorm-Pershing.

Yolanda Enyart, secretary, agriculture deans' office, Thomas Mustain, food service worker II, dormitory; James Mitchel, animal caretaker, home economics; Robert Rollison, farm worker II, dairy husbandry; Michael Hull, janitor, Physical Plant.

Randall Smott, foreman, agriculture deans' office; Carol J. Evans, library clerk, library; Charles Neill, janitor, Physical Plant; Barbara Sheffer, key punch operator, data processing; Mary Anne Lane, microfilm operator, microfilm operations; Leanda Schaeffer, key punch operator, data processing.

Sarah Miller, key punch operator, data processing; Carolyn Crews, secretary-stenographer, dormitory; Richard Hunter, janitor, Physical Plant; Roy G. Kramme, janitor, Physical Plant; Virgil Higgins, janitor, Physical Plant; Edward Charles Meyer, food service worker II, dormitory-Bingham;

Donald Hutchins, janitor, Physical Plant; Janet L. Hubert, stenographer, Economics; Kimberly Jane Kirwan, clerk typist II, Math; Libby Butler Slep, stenographer, romance languages; Mike F. Gordon, sr. computer terminal operator, provost for academic affairs; Larry Erwin Nave, patrolman, traffic safety.

Amy L. Saunders, sr. lab-res. technician, agriculture deans' office; Frank Buschman, sr. lab-res tech., agriculture deans' office; Linda G. Botner, library clerk I, library; Robin Whittler, clerk typist, Development Fund; Frederick Arnold, research specialist, agriculture deans' office.

Barbara Pfeiffer, secretary-stenographer, sociology; Susan Simon, sr. acctg. clerk, operating budget; Mary Catherine O'Bannon, food service worker I, dormitory-Rollins; Alice Elaine Diehl, clerk typist, registrar and director of admissions.

Joyce LaDawn Dever, clerk typist, registrar and director of admissions; Marilyn Deavers, stenographer, geology; Mary C. Harvath, secretary-stenographer, B& PA Deans' office; Judy Kay Poe, food service worker II, dormitory-Rollins.

## News & Notes

The University of Iowa has joined the University of Mid-America, becoming the sixth major state university to participate.

UMA, a regional experiment in post-secondary education, was founded in mid-1974 by the University of Missouri, Iowa State University, Kansas State University, the University of Kansas, and the University of Nebraska.

★★★★★

Spring cleaning time for your books and magazines? Whatever condition or age, they will be welcomed by Friends of the Library for their annual Book Fair at UMC.

Contributions may be left at Ellis Library, in the barrel by the elevator lobby, south entrance.

For those who cannot get their donations to the library, a call to 882-4701 will bring pickup service by the Friends, at the donors' convenience.

The Book Fair, open to the public, will be held March 20 from 10 a.m. to 4 p.m. in Brady Commons on the Mall. An auction will begin at 11 a.m.

Book Fair sponsors are the Friends of the University of Missouri-Columbia Library and the State Historical Society of Missouri Library. Members of the Graduate Association of the School of Library and Informational Science are conducting the Fair.

Funds will go toward purchase of books for the libraries.

★★★★★

Positions as housemothers and houseparents are available at several UMC fraternities and sororities.

Application forms may be picked up at 103 Read Hall. All preliminary interviews will be conducted by Center for Student Life staffers Margy Harris and Darrel Napton. Applications must be completed by April 1.

Housemother and houseparent positions require experience in household or in-

stitutional management and a knowledge of social customs. Experience with helping young people in personal, academic, financial and health problems would be helpful.

Job duties include menu planning, bookkeeping, budgeting, hiring and supervising personnel. Monthly salary varies according to individual fraternities or sororities. Room and board and regular vacations are included.



Both UMC players and spectators are saluted by the winning of the Big Eight Sportsmanship Trophy shown above.

## Obituaries

Durward Brewer, associate professor of agricultural economics, died Nov. 16, 1975. He had retired Oct. 31, 1975.

Dorothy Swank Burk, nursing technician at the Medical Center, died January 15, 1976. She retired Jan. 20, 1973.

Eugene W. Cowan, associate professor of agricultural chemistry, died Oct. 12. He had retired June 30, 1958.

Nelson Pipes, assistant auditorium technician, died Dec. 30, 1975. Pipes had been employed at UMC since Sept. 1, 1942.

Margaret Rogers, junior lab technician, died Nov. 4, after retiring July 31, 1974.

Blanche Scribner, food service worker III, died Oct. 15. She retired June 1, 1972.

Albert E. Trombly, professor emeritus of romance languages, died Jan. 6, 1976. He retired Sept. 1, 1958.

James U. Turner, janitor, died Nov. 25, 1975. He retired Sept. 20, 1975.

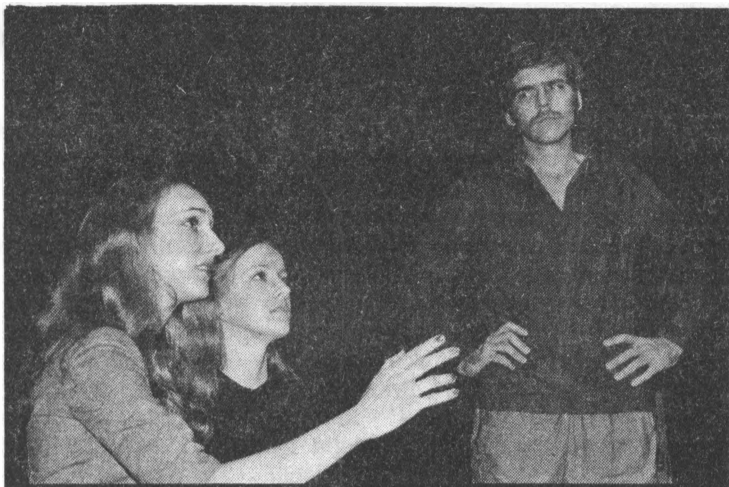
## Ryan dies Feb. 29

Martin Ryan, a 59-year-old UMC security guard, died Sunday, Feb. 29. Ryan had been employed at the University since July 20, 1965.

During the past five years, Ryan was in charge of the Jesse Hall parking lot.

Services were held at a church in Ryan's hometown of Tarkio, Mo.

April Stella (left), Mary Lou Boschert and Martijn Loring testify to acts of witchcraft in an operatic version of Arthur Miller's "The Crucible," which will be presented by the UMC Opera April 8-10 at the Mall Theatre. Tickets are on sale at the music department office at a cost of \$2.50 each.



## Curators approve revision of J-School summer session

The University Board of Curators approved revision of the School of Journalism's summer academic calendar in a Feb. 27 meeting. The change is expected to help ease the school's overtaxed facilities and result in an improvement in the quality of the students' educational experience.

The revised calendar divides the summer into half semesters, with courses and practicum being offered in both sessions. Previous summer schedules included one eight-week offering of classes and practicum and two practicum intersessions.

"Offering course work and practical experience throughout the year should have a leveling effect on enrollment peaks and valleys," said Journalism Dean Roy M. Fisher. "Students and faculty will mutually benefit from increased interpersonal contact. And students will be

able to accept fall or winter internships without postponing their graduation plans."

Fisher stressed that all school facilities will be used at full capacity 12 months a year. The School has operated at one-third of capacity during the summer session. "The economic efficiency of the new plan is obvious," Fisher said.

In recent years, the Journalism School has been averaging 325 students enrolled in the summer session. Fisher expects summer enrollment to double under the new system.

The first session under the revised calendar will be May 10-July 5. The second session will be from July 6 through Aug. 24.

The change will boost the J-School budget by \$37,000, but Fisher expects the cost to be more than offset through fees generated by the additional enrollment.

## Dialogue

(Dialogue is a section of Campus Columns designed for UMC employees to receive answers to questions they have about the University. Those questions of general interest to employees will be printed and answered in this column. Names will be used unless otherwise requested. Please send questions to: Editor, Campus Columns, 223 Jesse Hall, Columbia, Mo. 65201. Questions of a personal nature or limited interest will be answered by mail. All signed inquiries will receive a response.)

**Q: If the size of my family changes, does this affect my staff benefits plans?**

**A:** Yes, the records of your dependents in the plans are very important. Coverage for a new baby is not automatic when a maternity claim is filed. The employee must add the new dependent within one month of the date of birth. Coverage is

effective from the date of birth. Newlyweds have one month from their marriage date to add their spouse without having to submit proof of good health. Changes due to marriage, divorce, birth or death can affect the designation of beneficiary under the life or accidental death insurance plans. For assistance in any of these, call 882-3683.

**Q: I understand that there are certain questions I cannot ask when I am interviewing someone for a job — what are they?**

**A:** You are right. Questions pertaining to lowest salary acceptable; number and ages of children and age of the applicant are some of the areas which may not be discussed. The areas of exclusion were determined by recent federal statutes and court rulings. The entire list is available in section 03.14 in the UM Business Policy and Procedures Manual.

## Retirements

**Edna L. Ballew**, senior admissions advisor, retired Dec. 31, 1975, completing 24 years at UMC.

**Charlotte L. Dixon**, venipuncture technician, retired Aug. 24, 1975, completing 16 years at UMC.

**Toimi E. Kyllonen**, associate professor of sociology, retired Dec. 31, 1975, completing 28 years at UMC.

**Ellen M. Larson**, food service worker III, retired Dec. 31, 1975, completing seven years at UMC.

**Robert M. Long**, assistant foreman, janitor, retired Dec. 31, 1975, completing six years at UMC.

**William Parmer**, mechanic small engine supervisor, retired Jan. 2, 1976, completing nine years at UMC.

**Gertrude Sheets**, food service IV, retired Nov. 30, 1975, completing Jan. 8, 14 years at UMC.

**Marie H. Stowers**, secretary-stenographer, retired Dec. 31, 1975, completing 14 years at UMC.

**James U. Turner**, janitor, retired Sept. 19, 1975, completing 20 years at UMC.

**Clint Wood**, lead janitor, retired Aug. 31, 1975, completing five years at UMC.

## Meetings announced for faculty women

Three dates have been scheduled this spring for faculty women to meet with each other, according to Joye Patterson, chairperson of the Subcommittee on Academic Women.

Meetings will be held from 11:30 a.m. to 1:30 p.m., in Memorial Union S16 on March 19, April 9 and April 30.

All UMC faculty women are encouraged to stop by at any time during the two-hour informal gatherings the purpose of which is to provide an opportunity for faculty women to become acquainted.

# B&PA Week speakers include Gulf Oil Company president

The president of the Gulf Oil Co., James E. Lee of Pittsburgh, Penn., will be the final speaker during Business and Public Administration Week at UMC.

Lee will speak at a banquet set for 6:15 p.m., March 25 at the Memorial Union. The banquet will serve as a setting for recognition of some 150 students who have earned honors in the B&PA since the start of the academic year.

Another highlight of the week, which extends from March 22 to 26, will be a talk at 2:30 p.m., March 23 at the Memorial Union Auditorium by T. Alan Russell, vice president and controller of the Indiana Telephone Corp. Russell will speak at the DR Scott Lecture series, a memorial program established to honor the organizer and first chairman of the UMC accountancy department who died in 1954.

Russell graduated in 1966 from UMC with a major in accountancy and is steeped in B&PA week tradition — his wife was a blind date to the "Bosses Ball" in 1963, he was on the student council, and for several years was a student assistant in accountancy.

Also during the week the college will recognize alumni for distinguished service. Their names will be announced later.

The week also will feature "professors of the day" — business and professional leaders who replace regular teachers at classes during the week. Daily luncheons will honor the visiting professors, and on most mornings doughnuts and coffee will be served in corridors of Middlebush Hall.

Campaigning for titles of "beauty and the beast" on March 22 will open the festivities. The campaign includes competition among women students for the "beauty" title and among faculty members for "beast." The light-hearted traditional event includes the election March 24 and announcement of winners a day later at the traditional barbeque. The latter event will be at Corn's Lake and will include a student-faculty softball game, dinner, evening music and the crowning of beauty and the beast.

Meanwhile Phi Chi Theta will have its honors banquet March 24 at which Women of the Year awards will be presented.

## Safety news and views:

### Learn 'rules of the road'

A total of 268 UMC employees have completed the National Safety Council Defensive Driving Course in the 17 classes that have been offered on campus since June, 1971.

"Defensive Driving" is driving to prevent accidents in spite of adverse conditions and the incorrect actions of others.

Various problems develop in everyday traffic that require the best in defensive driving techniques. Speeding and drivers who don't follow the rules of the road are problems which all drivers need to guard against. The following pointers can help:

- If you're traveling too fast for conditions and there's a sudden emergency situation you'll have less time to think and act to prevent an accident.
- The faster you're going the greater distance you'll need to stop. Those extra feet could be critical.
- An accident at a high speed is much more likely to be serious than a similar accident at a lower speed.
- The faster you travel, the greater the limitations placed on your ability to scan ahead and to the side. Thus potential accident could develop before you're aware of it.
- Considering the risks involved, the time you save by driving at a speed that's too fast for conditions is never worth it.

Watch out for the following possibilities:

- The driver who turns right on red when the way is not clear.
- The driver who makes a left turn across your path after his green arrow has disappeared.

## Spring schedule set for 'Lunch n' Learns'

The "Lunch 'n Learn" schedule for Spring includes the following programs, all of which will be held at noon in Memorial Union S16:

**March 17:** "Staff Benefits," Julia Baker, senior fiscal analyst and a member of the Central Administration Staff Benefits Committee.

**March 24:** "Employee Training and Development," Don Zick, manager, Central Administration Employee and Training and Development.

**March 31:** "General Studies," William Bondeson, director, College of General Studies.

**April 7:** Discussion of Non-Academic Status of Women Committee.

**April 14:** No meeting.

**April 21:** "Assertion Training," Barbara Maier, Extension continuing education coordinator.

**April 28:** "You and Your Boss," an informal panel discussion.

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# UM management teams review Hayes study

The classification and compensation study of University administrative and professional staff, which Robert H. Hayes and Associates, Inc. and the University began last May, has entered the "management review phase," according to Lynn Churchill, UM manager of wage and salary.

System-wide and campus management teams (president-chancellors and their advisors) have been provided with information to review with particular regard to "correctness of classification descriptions and title structure, correctness of assignment of classifications to salary grades, and correctness of assignment of staff members to classifications."

This review information includes campus and system "grids" of all classifications on a 18-level range, separate listings of each department's staff members included in the study by proposed pay range, copies of a tentative

internal salary schedule, copies of classification descriptions, campus copies of "point count" results for each classification and a list of members of functional, benchmark and advisory committees.

"To establish a tentative internal salary schedule, the salaries of all positions associated with each classification in every one of the proposed salary levels was averaged," Churchill explains, "and then ranges were generated from each of those averages. This will only serve as a guideline for the management review and, of course, is based on the currently proposed distribution of classifications to salary levels."

The management review will be the "last in-depth review" of the recommended classifications prior to the submission of final recommendations to the University Cabinet. The positions of 1,306 exempt employees, who filled out an 11-page questionnaire on their jobs last

Spring, at this point, have been sorted into 625 classifications.

"The gist of this study is to provide for a series of reviews designed to produce the most correct definition possible for each classification," Churchill says. "If any questions are raised about classifications, then we will have to go through the same general procedures the functional committees did in resolving them."

The next step in the study will be when the final set of recommendations are submitted to the University Cabinet by Hayes consultants, most likely in May. These recommendations will include the results of the management review, results of an outside salary survey which has been conducted concurrently with the study, and the consultants' final recommendations concerning assignments of classifications to salary grades.

"The consultants will be responsible for proposing possible methods of implementation," Churchill explains. "Some

decisions the cabinet is likely to consider include getting employees to the minimums of the ranges indicated and-or distributing people within ranges correctly, based on the resources available." Approximately \$400,000 has been "earmarked" for implementation of the study in the latest proposal for the 76-77 budget.

Application of the study will provide the University with an outline of career paths, and with the establishment of specifications for each classification — including the specification of meaningful minimum qualifications for each type of work.

"Many positions we looked at did not have either ranges or job specifications," Churchill says. "Also, many employees were unable to perceive any possible promotion at either their campus or another campus within the system because of a lack of visible career paths. Hopefully, the study will correct both these situations."

## campus columns

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 7, No. 7

Wed., April 7, 1976

### Groshong named to position of UMC associate business officer

Kee W. Groshong, 35, member of the UMC accounting staff for 11 years, has been appointed associate business officer effective May 1.

Groshong, who received a business administration degree at UMC in 1964, joined the staff in 1965 as assistant director of accounting. He has been manager of accounting services since 1970. He succeeds Thomas Gray, who became manager of KOMU-TV in 1974.

"His 11 years of experience will be a valuable asset in his new position," business officer Emmett Klinkerman said.



### Curators okay journalism, nursing preliminary designs

The University Board of Curators approved preliminary design plans at a March 26 meeting for a School of Nursing and a School of Journalism addition on the Columbia campus.

The School of Nursing building, to be attached to the north end of the existing Medical Sciences building, will provide the school with a facility of its own for the first time. Presently the program is in several locations.

The nursing building will include two separate structures connected by a lobby. A three-story facility attached to the Medical Sciences building will house offices, administrative and classroom areas. The other segment will be a two-story structure devoted to teaching space, including a lecture hall, an auditorium and classrooms.

Total square footage is 54,634. The exterior of the air-conditioned building will be brick.

Total funding is anticipated to be \$3.6 million, including

\$200,000 in planning funds appropriated by the General Assembly last year and \$3.4 million for construction being sought in the present legislative session.

The School of Journalism addition will be a three-story attachment to the west side of Neff Hall. The school considers the addition necessary to meet pressures of higher enrollments and increase the scope and quality of the journalism program.

The addition will be air-conditioned and will have brick exterior to match that of Neff Hall. Total square footage of the addition is 20,508.

The first floor of the addition will have a lecture theater seating 298, a professional seminar center and an area for continuing education programs. The second floor will contain KBIA news space, a training laboratory, editing positions, broadcast studios and practice rooms. On the

third floor, television instruction and training facilities, including a large studio, film and video tape facilities, a projection room and recording studios will be located.

Space now occupied by KBIA news in the existing Neff Hall annex will be vacated and will be available for expanded Columbia Missourian activities or other teaching facilities.

Funds for the journalism addition are anticipated to total \$1,150,000. This includes \$70,000 in planning funds appropriated by the legislature last year, a \$500,000 gift from the Gannett Foundation and \$580,000 in state appropriations being sought in the present session of the General Assembly.

Other Board actions include approval of a new Ph.D. degree program in computer science at UMR, and also approval of a \$463,212 contract to install a chilled water loop distribution system on the Rolla-campus.

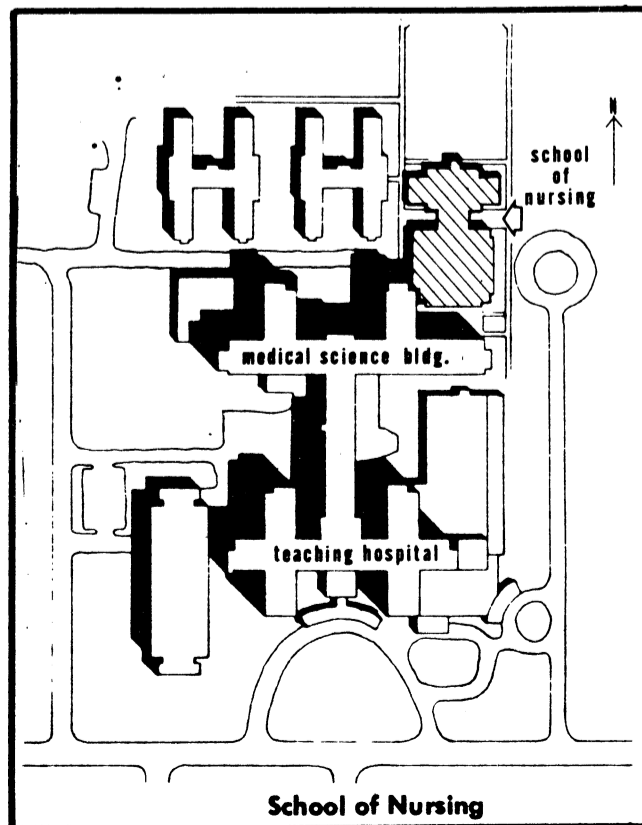
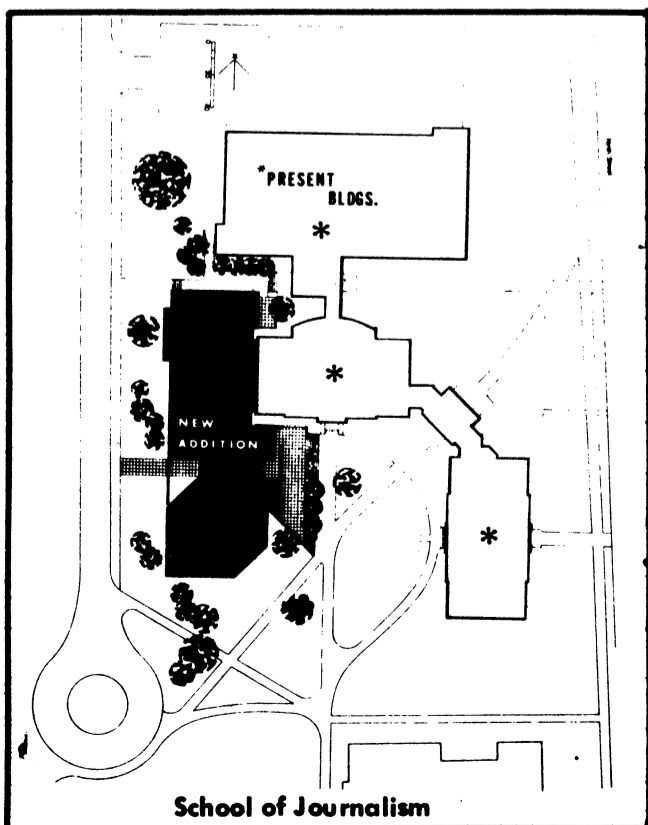
★★★★★

The Curators also issued the following statement: As the 1976-77 capital appropriations for the University of Missouri approaches consideration in the General Assembly, the Board of Curators expresses its great concern that funds previously appropriated for construction, including \$6.4 million for the Performing Arts Center at UMKC, may be in question. More than \$2.7 million in private gifts have been received and pledged for the Performing Arts Center. Approximately \$3 million is anticipated, in addition to the state appropriation.

The Board of Curators also reaffirms the leading priorities of its 1976-77 capital request, as follows:

- Repair and remodeling of existing property \$3,000,000
- Construction funds for projects for which planning funds previously were appropriated, and for which plans have been drawn to the specified amounts of construction:
  1. Law School Building, UMKC 6,412,500
  2. Nursing School facility, UMC 3,400,000
  3. Journalism School addition, UMC 580,000 (to add to \$500,000 private gift)

This is reiteration of priorities arrived at following extensive study, and a list from which the Board of Curators has not deviated since its submission in October of 1975.





# Physical Plant standardizes lighting levels

UMC Physical Plant will be standardizing lighting levels in University buildings in an attempt to conserve energy, according to Rex Dillow, assistant superintendent.

"This is just another step in our energy management program since lighting

consumes some 28 percent of our total electricity usage," says Dillow.

This phase of the program will incorporate lighting levels recently set by the U.S. Department of Health, Education and Welfare. Those standards recommend

50-70 foot candles in offices and classrooms (generally, about two watts per square foot of desk-top illumination equals about 70 foot candles), and 30 foot candles in other areas.

Lighting will then be increased in areas where levels are too low and decreased where overlighted. One method of correcting lighting levels is to replace high energy using incandescent lights with florescent lights. In Jesse Hall corridors, this measure not only increased lighting

but reduced energy consumption for illumination by 71 per cent.

Larry Edwards, supervisor for engineering design services, has recently compiled data on lighting which will be used to correct light levels around campus.

Monthly electricity use is presently four to five per cent higher than last year, according to Dillow. This figure is still some 15 per cent lower than before conservation measures were taken.

## Welcome

Mary J. Bailey, food service worker I, dormitory; Frank H. Hunter, janitor, phys. plant; Larry E. Littrell, janitor, phys. plant; Warren Burrell, janitor, phys. plant; Orval L. Putnam, janitor, phys. plant; Arnold Allnutt, janitor, phys. plant; Glenn Whitehorse, janitor, phys. plant;

Sally, McConnel, draftsman, atms. sci.; Bettie Sparks, sec. steno., ag. dean's; Louis K. Lohman, sr. res-lab tech., dalton research; Robert Wilson, food service worker I, dormitory;

Karen Kurtz, sec. steno, office of research; Penny Robinson, sec. steno, staff benefits; Lydia Bain, sec. sten. Mo. reg. med.; Joyce Koranski, sec. steno., U-wide personnel; Sarah Miller, keypunch opr.; data processing; Regina A. Wilson, clerk typist II, personnel service; Patricia A. Trapf, production asst., television station;

Peter E. Szkolka, food service worker I, dormitory; Arthur Young, ag. equip. opr. III, ag. dean's; Diane J. Herd, file clerk, admissions; Shana J. Hill, receptionist II, financial aids; Carolyn Sue Evans, sec., admissions; R. Peter Herman, sr. res-lab tech., bio. sci. div.; Nancy Poehlman, sec. steno., ag. dean's;

Gloria E. Turner, sr. acct. clerk, UMC ext. div.; Jill Whipple, clerk, pro. for adm.

fiscal bus. office; Donna N. Kogler, sec., engineering deans office; Patricia A. Young, inf. spec. II, engineering dean's office; Rita Holly, payroll clerk, payroll; Alice Sun, keypunch opr, B& PA dean's office; Theresa Beach, sec. steno., education;

Linda D. Keele, sec. steno., univ. ext.; Maryann Earl, sec. steno., education; Patricia Klein, lab. tech., sg.; Dennis Simmons, janitor, dormitory; Timothy Teel, janitor, phys. plant; Boyd Hanks, janitor, phys. plant; Kathy Hanks, janitor, phys. plant;

Joseph Fobis, janitor, phys. plant; Richard McCoy, bus driver, phys. plant; Sammie Robinson, food service worker I, dormitory; Evelyn Compton, janitor, dormitory; David Edergti, janitor, phys. plant; Donald Steele, clerk typist II, fin. aids office; Jonathan Edelson, materials coordinator, phys. plant;

Pamela Clark, acctg. clerk, acctg. services; Thomas W. Baker, research tech., ag. dean's office; Ernest Warren, janitor, phys. plant; Robert Monserrante, sr. res-lab tech., ag. dean's office; Linda C. Pettijohn, clerk typist II, admissions; Stephanie Williams, keypunch opr., Univ. ext. UMC; Samuel W. Cartinhour, research tech, Univ. ext. UMC;

Kathryn S. Curtis, reg. med. tech, vet. med.; Michael Edwards, food service worker I, dormitory; Judy Meehan, cashier, vet. med; Donald Lee Powers, comp. opr cont. fac., Debra Jane Streeter, sec. steno., James C McKibben, reactor eng., Theresa Kelly, sec. steno., Debra Schuster, sec. steno.

Michael Heidy, janitor, physical plant; Alma F. Anthony, sec. prov. adm. fiscal bus. office; Beverly Huckaba, sec. biological science; Clarissa Easton, sec. steno., history; Ruth L. Martin, sr. acct. clerk, ag. dean's office; Catherine Winfrey, prog. coordinator, student life. Marjorie Gurmen, secretary, university extension; Donald F. Matt, janitor, physical plant.

Max L. Gipson, janitor, physical plant; Wayne M. Elliott, janitor, physical plant; John D. Welch, janitor, physical plant; Garnet Ann Clark, secretary, University Extension; Mary B. Nirmaier, secretary, University Extension.

Bobbi King, secretary, cooperative extension; Susan Etling, receptionist II, cooperative extension; Martha Andreck, keypunch opr., office of research; Deborah Weinstein, sr. clerk, office of research; Barbara Woodward, sec. steno.

## B&PA honors three UMC alumni

Three UMC alumni received citations of merit at the College of Business and Public Administration's 20th annual honors banquet March 26.

Recipients were Stephen D. Harlan, managing partner of the Washington office of Peat, Marwick, Mitchell & Co.; David L. Roberts, deputy for administration of the Division of Mental Health, Jefferson City; and John Slayton, executive vice president and chief operating officer of Marathon Electric Manufacturing Corp., Wausau, Wis.

Harlan, a graduate in business administration in 1959, has been with the same firm in St. Louis and New York and

is credited with developing new auditing procedures and techniques.

Roberts, who received UMC degrees in accounting and public administration in 1958 and 1959, first joined the office of state controller and budget director before moving into the Mental Health Division. He has been active in service club, parent-teacher, hospital and religious organizations.

Slayton, graduate in business administration in 1940, directs a firm that has plants in six cities, including West Plains, Mo. He has been active in service, religious, hospital and political groups in Wisconsin.

## Board approves emeritus titles for 17 UMC faculty members

At a March 26 meeting, the University Board of Curators approved emeritus titles for 17 UMC faculty members. Recipients, their titles and effective dates include: Arthur Ausherman, professor emeritus, extension education, Jan. 1, 1976; Jane Brinton, professor emeritus, nursing, Sept. 1, 1976; Clement E. Brooke, professor emeritus, child health, Sept. 1, 1976; John Burkeholder, professor emeritus, extension education, July 1, 1976; Boyd G. Carter, professor emeritus, romance languages, Sept. 1, 1976; Charles M. Christy, associate professor emeritus, agronomy, July 1, 1976; and Thompson R. Fulton, professor emeritus, social work, May 9, 1976. Frank Heagerty, professor

emeritus, education, Sept. 1, 1976; William Heil Lichte, professor emeritus, psychology, Sept. 1, 1976; Charline Lindsay, professor emeritus, extension education, July 1, 1976; John J. O. Moore, professor emeritus, social work, Nov. 1, 1975; Kenneth E. Moore, associate professor emeritus, forestry, July 1, 1976; Byron G. Romero, associate professor emeritus, journalism, Sept. 1, 1976; Leonard A. Voss, professor emeritus, agricultural economics, July 1, 1976; Pinkney C. Walker, professor emeritus, economics, Sept. 1, 1976; Harold V. Walton, professor emeritus, agricultural engineering, July 1, 1976 and Merea Williams, associate professor emeritus, education, Sept. 1, 1975.

## Statements to be sent through campus mail

In an effort to reduce mailing costs, check statements for employees who have their payroll checks sent to Columbia banks will be mailed directly to employees' campus mailing addresses beginning this May or June, according to Jimmy Robinson, manager of payroll.

Robinson said that all employees involved will be notified of the campus address currently on file for them during the month of April so that any necessary corrections can be made.

Campus mail service will be utilized as soon as this information is obtained so that mailing costs may be reduced as quickly as possible.

No changes will be made in pay checks employees have requested be sent to their home addresses.

## Dialogue

(Dialogue is a section of Campus Columns designed for UMC employees to receive answers to questions they have about the University. Those questions of general interest to employees will be printed and answered in this column. Names will be used unless otherwise requested. Please send questions to: Editor, Campus Columns, 223 Jesse Hall, Columbia, Mo. 65201. Questions of a personal nature or limited interest will be answered by mail. All signed inquiries will receive a response.)

**Q: When and where are the orientation programs for new employees held?**

**A:** Orientation programs are held from 2 to 5 p.m. every second and fourth Monday of the month in room S16 of the Memorial Union. These programs cover topics such

as University policies, and procedures, educational opportunities, insurance and other staff benefits.

**Q: Can UMC employees and their families use the University Pool?**

**A:** Yes, employees and their families may use the pool free of charge. They must present a UMC identification card to the supervisor on duty. Children may use the pool during the time designated for family swim if accompanied by at least one parent. Schedules are posted at the University Pool.

**Q: Are the MSA "Free Flicks" films limited to students?**

**A:** No, UMC employees may attend these films upon presentation of an identification card. Weekly reminder of film titles, times and places are recorded on the MSA Dial-an-Activity, 882-2888.

## Management seminars scheduled

The first of three Middle Management Leadership Seminars and a Management Development Seminar for Department Directors will begin Monday, April 19 in the Employee Training and Development Conference room in Lewis Hall.

Sessions of "human Relations" seminar will be held from 10 a.m. to noon, Mondays, Wednesdays and Fridays through April 28. The course, which is conducted by Don Zick, manager of University employee training and development, will include films and case studies.

A 12-session seminar for department directors, also led by Zick, will be held from 3 to 5 p.m., Mondays, Wednesdays and Fridays, through May 14. Seminar topics will include "avoiding communication breakdown," "leadership styles" and "motivation and job enrichment."

Two other seminars, "Communication" and "Motivation," will begin April 30 and June 14 respectively. The seminars are part of the Middle Management Leadership Seminars series. The first is taught by Zick and Carl Buchner, UM training coordinator, and the second is conducted by Zick. Both seminars will be held from 10 a.m. to noon, Mondays, Wednesdays and Fridays.

Registration for all seminars is on a first-come first-served basis. After obtaining their supervisor's permission,

interested employees may register for the Middle Management Leadership Seminars by calling the training office, room 817 Lewis Hall, 882-4859.

## CAMPUS COLUMNS

Campus Columns is published monthly except July and August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office: 882-6211.

For change of address, obtain W-4 Form from departmental office, fill out entirely, and send to Payroll Office, 16 Jesse Hall. Editor: Anne D. Robinson

The University of Missouri  
An Equal Opportunity Institution

# Jesse Hall cashier values contact with UMC students

UMC students are "an extremely attractive, intelligent and sincere group of people," according to Linnell Gray, a cashier in Jesse Hall.

Gray, who has worked a cashier's window for almost 10 years, says that dealing with students keeps her on her toes. "You never know what's coming next — one minute they'll tell me I have an earring on crooked and the next minute they'll flash me a great, big smile!"

When things aren't too busy Gray tries to take time to chat with students as they come to her window because she finds that many "just need someone to talk to."

Gray tells the story about a student who began looking a little peaked. After questioning him, she discovered that he was giving blood to earn a little extra money. Following a brief Gray "lecture" on health, the student responded, "you sound just like my mother, but you know what? I think I like it!"

Many students whom Gray has become acquainted with over the years have stopped by to visit her. She notes with amusement that "some of those students who go away from here so anti-establishment are often the ones who become very establishment oriented once they get a job."

Sometimes it is difficult to convince students that the cashiers are there to help them, according to Gray.

"Some students feel that we are just taking from them all the time without giving them anything in return," Gray says. "We have to explain to them that we are only handling their business affairs so that they can concentrate on getting an education."

Gray has noticed in the past 10 years that a greater percentage of UMC students are self-supporting. She attributes this to the fact that "fewer



Gray "clears out" her machine at the end of a busy day.

parents are able to put their kids through school."

"Students are more businesslike these days about getting an education," Gray points out. "As far as I can tell, the traditional carefree attitude about college no longer exists."

Gray has been around educational institutions most of her life. She was born and raised on the Central Methodist College campus where her father was

chairman of the history department for many years.

"I think the college town atmosphere is one of the best things in the world," Gray says. She admits that one of the big reasons she likes living near a campus is because she loves sports.

"My father always used to take me to sports events when I was very young," Gray comments. "I guess I topped that off by marrying the football captain and having two sons who are very active in

sports."

All four Grays are interested in golf. Gray's sons are both "scratch golfers" and she has been playing for more than 25 years.

"I think that the University gives her students the basic life values," Gray says. "Students leave here with the understanding that life isn't all roses. Just look at some of our graduates — all the good things they learned here come to the surface when they get out."

## Calendar of Events

### ACADEMIC SCHEDULE

- April 29: Classwork second semester ends, 5:30 p.m.
- April 30: Stop Day.
- May 8: Second Semester closes, 5 p.m.
- May 8: Annual Commencement.

### CONCERTS, PLAYS

- April 10: International Night II, 8 p.m., Jesse Aud.
- April 8-10: UMC Studio Theatre production "Calm Down, Mother," 7:30 p.m., Basement of Gentry Hall.
- April 11: University Singers, 3:15 p.m., Jesse Aud.
- April 11: Senior Organ Recital, Diane Hansen, 3:30 p.m., First Presbyterian Church.
- April 11: Collegium Musicum, 3:30 p.m., Recital Hall.
- April 11: Esterhazy String Quartet, 8:15 p.m., Recital Hall.
- April 12: Graduate Voice Recital, Debbie Goss, 8:15 p.m., Recital Hall.
- April 14-17, 19-24: University Theatre: "When You Comin' Back, Red Ryder?" 7:30 p.m., University Theatre. General Admissions \$2.50.
- April 14: Jr. Voice Recital, David Roberson, 8:15 p.m., Recital Hall.
- April 15: University Symphony Orchestra — Student Soloists Concert 8:15 p.m. Jesse Aud.
- April 17: Senior Cello Recital, Kathy Kabrick, 8:15 p.m., Recital Hall.
- April 18: UMC Band Concert, 3:15 p.m., Jesse Aud.
- April 19-24: Studio Theatre: "Hamlet, (Acts II-IV): The Antic Disposition," 7:30 p.m., basement of Gentry Hall.
- April 19: Guest Artist Barney Childs, Lecture-Recital, 8:15 p.m., Recital Hall.
- April 20: Men's & Women's Chorus, Vocal Jazz Ensemble Concert 8:15 p.m., Jesse Aud.
- April 20: Graduate Voice: Mary Lou Boschert, 8:15 p.m., Recital Hall.
- April 21: Percussion Ensemble Recital, 8:15 p.m., Recital Hall.
- April 21-22: University Chorus concert, 8:15 p.m., Recital Hall.
- April 25: University Singers Concert, 3:15 p.m., Jesse Aud.
- April 25: Jr. Voice Recital, Michele Raddick, 6 p.m., Recital Hall.

- April 25: Graduate Voice Recital, Cindy Purdy, 8:15 p.m., Recital Hall.
- April 26: Lute and Guitar Recital, Kevin Mason, 8:15 p.m., Recital Hall.
- April 26: Combined Bands Concert, 8:15 p.m., Jesse Aud.
- April 28: Jr. Voice Recital, Ed Hanson, 8:15 p.m., Recital Hall.
- April 29: Student Composition Recital, 8:15 p.m., Recital Hall.
- May 2: Violin Recital, Barbara Shipman and Kathy Rollings, 8:15 p.m., Recital Hall.

### CONFERENCES, SHORT COURSES

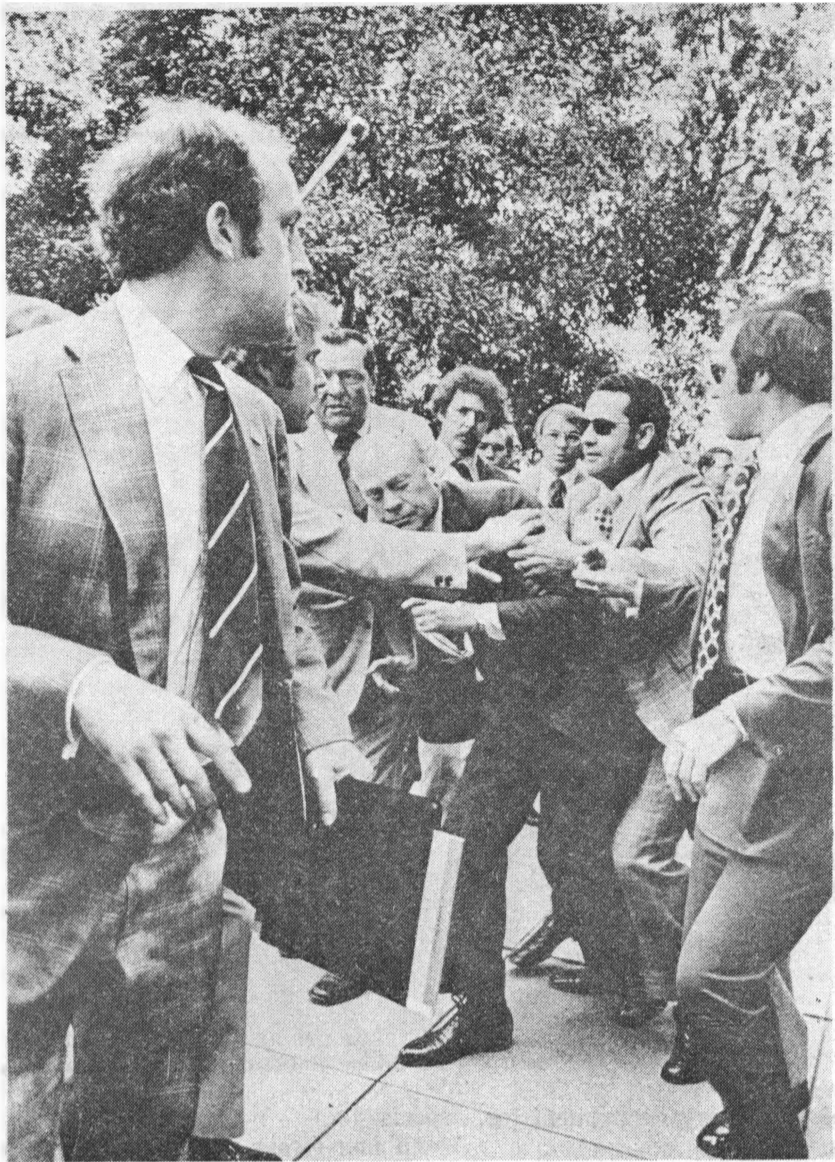
- April 8-11: Fourth Annual National Collegiate 4-H Club Conference.
- April 10: Missouri State Teachers' Assn. Spring Seminar, Hearnes.
- April 9-10: Stadler Genetics Symposium, Fine Arts Auditorium.
- April 9-10: Home Economics Alumni Weekend, Memorial Union.
- April 10: Fourth Annual All-State Youth Horsemanship Clinic, Livestock Center.
- April 8-11: Fourth Annual National Collegiate 4-H Club Conference.
- April 13-14: Engr. Conf. Environmental Bio-Assay Testing.
- April 14: Engr. Conf. Asbestos in Water Supplies.
- April 20-23: In-Service Training Conference No. 58, Memorial Union & Brady Commons.
- April 20: Missouri Interscholastic Press Association & Missouri College Newspaper Association Awards Luncheon, Memorial Union.
- April 21-22: Area Directors Conference, S203 Union.
- April 22-23: Missouri Community Education Conference, Ramada Inn.
- April 22-23: State FFA Convention, Hearnes.
- April 28: Conference No. 39 — Municipal Waste Utilization, S204 Union.
- May 1: Humanities in the 1970s — new directions, Hilton.
- May 1: The Friends of the University of Missouri Library and the State Historical Society Library annual meeting, 12:30 p.m., Memorial Union Ball Room.
- May 1: MSTa Social Science Teachers conf., Memorial

Union.

- May 2-3: Cosmetology Teachers Conference, Hearnes.
- May 4: Swimming Pool Operators Workshop, Hearnes.

### FILMS, EXHIBITS

- April 10: MSA Movie: "What's Up Doc?" 7 & 9:30 p.m., Middlebush Aud. Advanced tickets at Memorial Union ticket window \$.75; door \$1.
- March 15-April 15: Stanley Hall Gallery: Alumni Show.
- April 11-30: Students of UMC Art Dept. exhibition, UMC Fine Arts Gallery.
- April 11: MSA Movie: "The Lion In Winter," 8 p.m. Jesse Aud.
- April 11: University Film Program: "Battle of Algiers," 8 p.m., Ellis Library Aud.
- April 11-23: Fine Arts Gallery: UMC Student Show.
- April 13: University Film Program: "Letters From My Windmill," 8 p.m., 210 GCB.
- April 14: MSA Movie: Burt Lancaster Night, "The Train" & "From Here To Eternity," 7 p.m., Middlebush Aud.
- April 14: Ascent of Man Film: "Knowledge of Certainty."
- April 16: Astronomical Film: "The Universe as a Scratch pad," 7 p.m., 114 Physics.
- April 16-17: MSA Movie: "Young Frankenstein," 7 & 9:30 p.m., Jesse Aud. Advanced tickets at Memorial Union Ticket Window \$.75; door \$1.
- April 14: Civilization Film: "Worship of Nature" 7 p.m., Ellis Library Aud.
- April 18: MSA Movie: "Once Upon A Time In The West," 8 p.m. Jesse Aud.
- April 18: University Film Program: "The Adversary," 8 p.m. Ellis Library Aud.
- April 20: University Film Program: "I.F. Stone's Weekly," 8 p.m., Middlebush Aud.
- April 21: MSA Movie: Black Leaders, "Malcolm X" and "King: From Montgomery to Memphis," 7 p.m., Middlebush Aud.
- April 21: Ascent of Man Film: "Generation Upon Generation" 8 p.m., Ellis Library Aud.
- April 21: Civilization Film: "Fallacies of Hope" 7 p.m. Ellis Library Aud.
- April 23: MSA Movie: "Badlands," 7 & 9:30 p.m., Middlebush Aud. Advanced tickets at Memorial Union ticket window \$.75; door \$1.



## Pictures of the Year

Pictures of the Year, the oldest and largest news oriented photo competition in the world, is sponsored jointly by the School of Journalism, National Press Photographers Association and Nikon, Inc. The pictures on this page represent part of the 33rd year competition winners. (Top Left), "Fromme Assassination Attempt," Elizabeth Sunflower, freelance, Third place, Spot news, newspaper; (Top right), "Empty Bowl," part of the winning portfolio of Steve Raymer, National Geographic, Photographer of the Year; and (bottom) "Misty Morning Row," part of a third place portfolio of Bruce Bisping, Minneapolis Tribune, Newspaper photographer of the Year. Bisping is a UMC graduate. The prize winning pictures will be on exhibit in "The Pit", between Neff Hall and the Missourian, from 9 a.m. to 5 p.m., April 19 to 23.

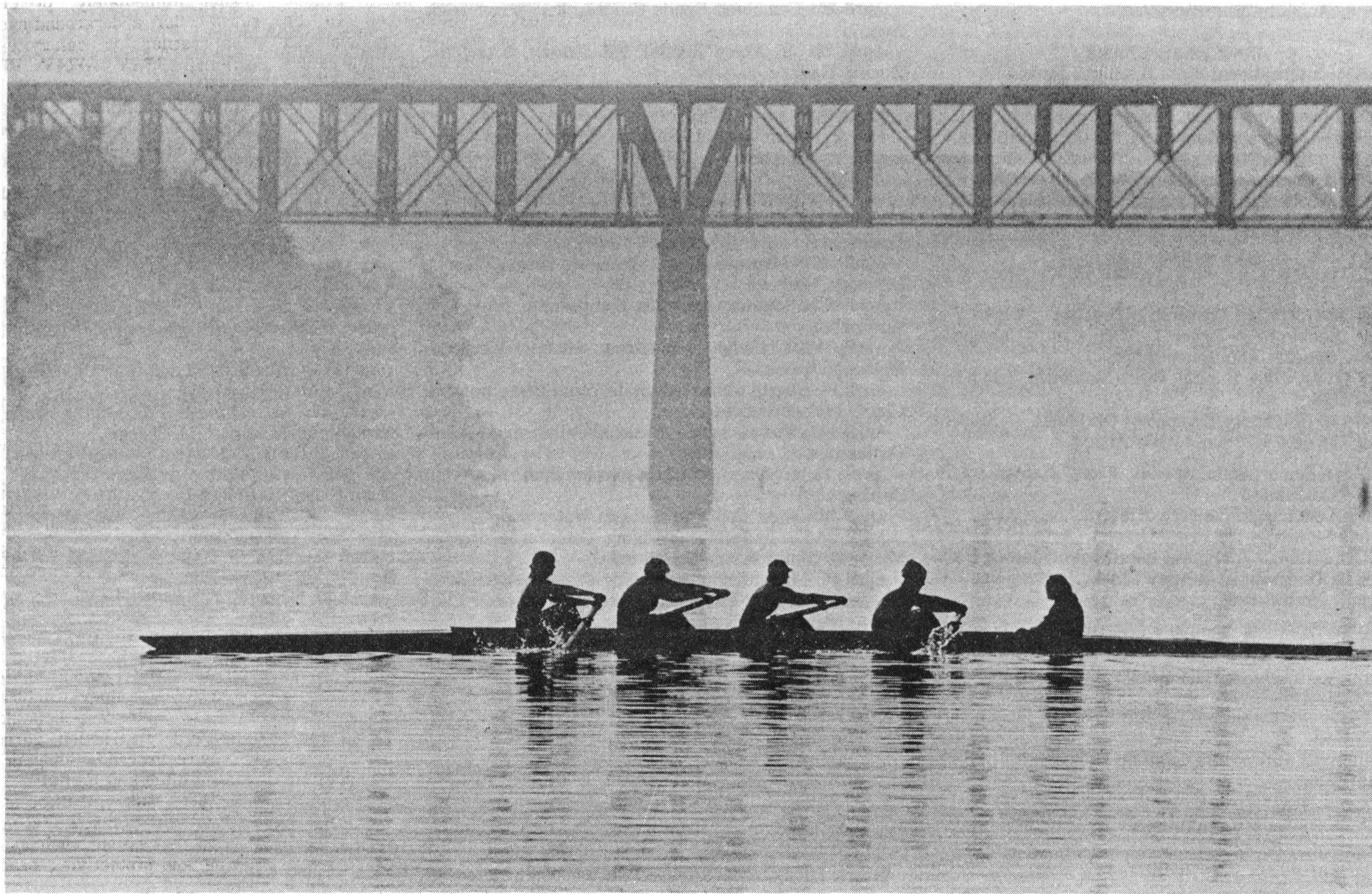




Photo courtesy of  
the U.S. Weather Service.

# Tornado information

(Editor's Note: Because of the recent amount of tornado activity in the U.S., Campus Columns asked Grant Darkow, UMC professor of atmospheric science, to provide answers to some common questions about tornadoes. Darkow's research speciality is severe storms and tornadoes.)

## What is a tornado?

A tornado is most frequently characterized by a narrow funnel, tube or cylindrically shaped rotating cloud extending downward from a "parent" thunderstorm cloud base to or nearly to ground level. The winds in a tornado form an intense whirl around a nearly vertical axis with a typical diameter of 100 to 200 yards. Wind speeds at ground level in excess of 100 mph are common and may occasionally exceed 250 mph. The core of a tornado is characterized by pressures 10 to 25 per cent lower than the immediate surroundings.

## What causes a tornado to form?

For reasons not yet entirely understood by atmospheric scientists, certain severe thunderstorms develop areas of abnormally low pressure about two to six miles in diameter. These "meso-lows" most frequently form along the southwest flanks of a severe thunderstorm. A counterclockwise (as viewed from above) flow pattern develops around the low and it tends to contract slightly and intensify. This development is occasionally observed on weather radar as a "hook echo." Within this meso-low-hook echo region smaller but much more intense top-like spins form and dissipate. These final intense vortices are observed as tornadoes or funnel clouds aloft.

## What is the movement of air in a tornado?

The air in a tornado spirals inward at low levels with increasing speeds, rushes upward in a tight spiral and then spirals outward at high levels within the parent thunderstorm. As the air spirals inward it tends to double its speed each time its distance from the center is halved. Thus a non-destructive 50 mph wind 200 yards from a tornado center increased to a very destructive 100 mph wind at 100 yards and to a devastating 200 mph wind at 50 yards.

## What direction and how fast do tornadoes move?

The vast majority (approximately 85 per cent) of all tornadoes, along with their parent severe thunderstorms, move in nearly straight or gently curved paths from the southwest quadrant towards the northeast. Tornadoes have, however, been observed moving from all directions. The

details of a tornado path frequently show irregularities about the general path direction and paths may become very erratic just prior to dissipation or in association with a very slow moving parent storm.

The forward speed of tornadoes is normally 30 to 40 mph but they have been observed to range from essentially stationary to near 70 mph.

## How long are tornadoes on the ground?

The typical tornado will produce a damage path three to six miles in length in five to 15 minutes time. The vast majority of all tornadoes touch down only momentarily causing destruction over paths of a mile or less. The more intense, longer-lived tornadoes may stay on the ground for hours. The infamous tri-state tornado of March 18, 1925, originating in Reynolds County, Mo., produced an essentially continuous path of complete destruction for 220 miles across SE Missouri, southern Illinois and into Indiana, killing 689 and injuring about 2,000 people.

## What is the nature and cause of tornado damage?

The damage done by a tornado is due to two causes: (1) The abnormally strong, shifting, debris laden winds, and (2) the sudden fall and rise in atmospheric pressure as the tornado core passes in a matter of seconds. In the limit these two can produce equally destructive pressure forces on a structure. The sudden low pressures from both these causes tend to make closed buildings literally "explode." Windows, doors, walls and roofs may be suddenly pushed outward by pressure differences and then swept away at high speeds. Trees, branches, portions of structures including bricks and blocks and even automobiles may be picked up by a tornado and travel at high speeds for considerable distances acting as deadly missiles and battering rams.

## Where do tornadoes occur?

Tornadoes have occurred in all 50 states but they are most frequent in the Midwestern and Gulf states. Within this area there is a maximum of reported tornado activity in a broad kidney shaped area extending from north central Texas through central Oklahoma, east central Kansas, northwestern Missouri, southeastern Nebraska, and Iowa. There is some evidence that more destructive, long-path length tornadoes are most frequent to the east of this area in the states adjacent to the lower Mississippi and lower Ohio Rivers. Deaths due to tornadoes appear to be more common in

this area also.

## When do tornadoes occur?

Tornadoes are most common during the spring and early summer months. In Missouri 70 per cent occur during March, April, May and June but they can and do occur in any month of the year. Tornadoes occur most frequently between noon and midnight (83 per cent in Missouri) but can and do occur at any time of the day or night. The last major tornado to strike St. Louis occurred between two and three in the morning on February 10, 1959, killing 21 people.

## What is a "tornado watch"?

Tornado watches are alerting messages between the Weather Service's National Severe Storms Forecast Center in Kansas City, Mo., and area potentially threatened by tornadoes. They specify the area covered by the watch and establish a period of time during which tornado probabilities are expected to be dangerously high. Watches are teletyped directly to local offices of the Weather Service and disseminated by those offices to the public via radio and television stations in and around the endangered areas. Law enforcement officers, emergency forces, volunteer storm reporters and other cooperating personnel are also alerted by the watches, and they relay the alert to others in the watch area.

Tornado watches are not tornado warnings. They are issued to alert persons to the possibility of tornado bearing severe storm development in a specified area, for a specified period of time.

## What should one do in response to a "tornado watch"?

A tornado watch is an alerting message. Remain alert for further possible developments. Go about your normal activities but make a special effort to remain tuned to radio or television and listen for further weather bulletins and advisories, even if they sky overhead does not appear threatening at the time. Occasionally scan the horizon for the approach of dark threatening clouds.

Determine in advance your course of action to insure immediate movement to safety in the event of an approaching tornado.

Stay alert for the abrupt onset of violent wind, rain, hail or a funnel shaped cloud. Listen for a sudden increase in wind noise. When in doubt, take cover. Tornadoes are often obscured by rain or dust and many occur at night.

## What are "tornado warnings"?

Tornado warnings are issued when a

tornado has actually been sighted in the area or indicated by radar to be very likely. In many cases, warnings are made possible only through the cooperation of public spirited persons who notify the nearest Weather Service Office, law enforcement agencies or community warning centers when a tornado or funnel cloud aloft is sighted. Warnings indicate the location of the tornado at the time of detection, the area through which it is expected to move, and the time period during which the tornado will move through the area warned. When a tornado warning is issued, persons in the path of the parent storm should take immediate safety precautions.

## What should I do in the event a tornado warning is issued for my location?

A tornado warning means a tornado actually has been sighted or indicated by radar. If the twister is nearby, seek inside shelter immediately, preferably in a storm cellar, underground excavation, or steel-framed or concrete-reinforced building. **STAY AWAY FROM WINDOWS!**

In office buildings, go to an interior hallway on the lowest floor, or to a designated shelter area.

In homes, the basement offers the greatest safety. Seek shelter under heavy furniture if possible. In homes without basements, take cover in the center part of the house on the lowest floor, in a small room such as a closet or bathroom, or under sturdy furniture. **Keep some windows open, but stay away from them!**

Mobile homes are particularly vulnerable to destructive winds. Proper tie-downs to prevent overturning will minimize damage. A warden should be appointed in mobile-home parks to scan the skies and listen to radio and television for warnings. There should be a designated community shelter where residents can assemble during a tornado warning. If there is no such shelter, do not stay in a mobile home when a tornado is approaching. Seek refuge in a sturdy building or as a last resort, in a ditch, culvert, or ravine.

In schools, wherever possible, follow advance plans to an interior hallway on the lowest floor. **Avoid auditoriums and gymnasiums or other structures with wide free-span roofs.** If a building is not of reinforced construction, go quickly to a nearby reinforced building, or to a ravine or open ditch and lie flat.

In open country, if there is no time to find suitable shelter, lie face down in the nearest depression, such as a ditch or ravine, and protect your head with your arms.

Terry Bashor, assistant director of admissions at UMC was recently elected president of the Missouri Association of College Admissions Counselors.

The Association is an organization of college admissions officers and high school counselors whose purpose is to aid in the high school student's transition to college.

★★★★★

Lynn Jenison, assistant to the vice chancellor for student affairs, received an "Outstanding New Professional" award in Dallas recently from the 11-state Region Four West National Association of Student Personnel Administrators. The association is the major organization for student personnel workers in post-secondary institutions.

The award recognized Jenison's work as a member of the association's regional steering committee, as regional liaison to the association's national conference, his

membership on the 1975 regional conference planning committee and for work on the 1976 national conference planning committee.

★★★★★

Norman Gysbers, professor of education, has been elected president of the 41,800-member American Personnel and Guidance Association (APGA). He will take office July 1, 1977.

As president-elect, Gysbers becomes a member of the association's board of directors and executive committee. The association has 10 suborganizations.

★★★★★

Charles L. Puckett, who has spent eight years in surgical training and research at Duke University Hospital, has been named chief of plastic surgery and associate professor at UMC. He joined the Medical Center staff in March.

A native of North Carolina, Puckett was

graduated from Elon College and received his M.D. degree in 1966 from Bowman Gray School of Medicine at Wake Forest University, Winston-Salem.

Puckett became a diplomate of the American Board of Surgery in 1972 and spent two additional years in training in plastic surgery. During the past academic year he was chief resident and associate. In 1972-73 he was surgeon-in-charge of Duke Emergency Services.

★★★★★

"Technical Writing 161," a three-hour course of particular interest to those interested in pursuing a professional career, now is being offered by correspondence through the UM Center for Independent Study, 514 S. Fifth St. The author is Steven Greshman, a former member of the UMC English department, now at Auburn University.

The course provides instruction in the writing skills needed in business, science, the military, engineering and many other professions. Quick-return machine

scoring is provided for all lesson and exam responses.

Topics covered include the gathering and organizing of information, analyzing the audience, progress reports, formal reports and feasibility reports.

Enrollment application and additional course information is available from the study center or by calling 882-2491.

★★★★★

Mort Walker, best known as creator of the popular comic strip "Beetle Bailey" will be grand marshal for the 65th annual UMC Homecoming on Oct. 16.

The theme for the 1976 Homecoming is "Welcome Home Beetle Bailey: A Salute to Mizzou Alumni Everywhere." The Homecoming game will pit the Tigers against the Iowa State Cyclones.

Walker is a 1948 graduate of the University. His Beetle Bailey strip, inaugurated in 1950, is carried by more than 1,200 newspapers. Other popular Walker comic characters and strips are "Hi and Lois," "Sam's Strip" and "Boner's Art."

## Safety News and Views:

### How to keep from falling

Falls accounted for 123 of the 945 accidental injuries to UMC employes during the past year.

Falls are among the most serious accident problems that exist across the country. About 50 deaths a day can be traced to falling including all of those killed at home and at work. The number of people killed in falls each year is second only to the number of people killed in traffic accidents.

Over the past few years, occupational falls have accounted for about 18 per cent of the total number of all disabling work injuries. Only the handling of materials at work accounts for more injuries than do falls of persons on the job.

A big part of the job of any accident prevention effort is to recognize the seriousness of the problem. Keeping things clean and orderly will reduce slipping and tripping hazards that cause

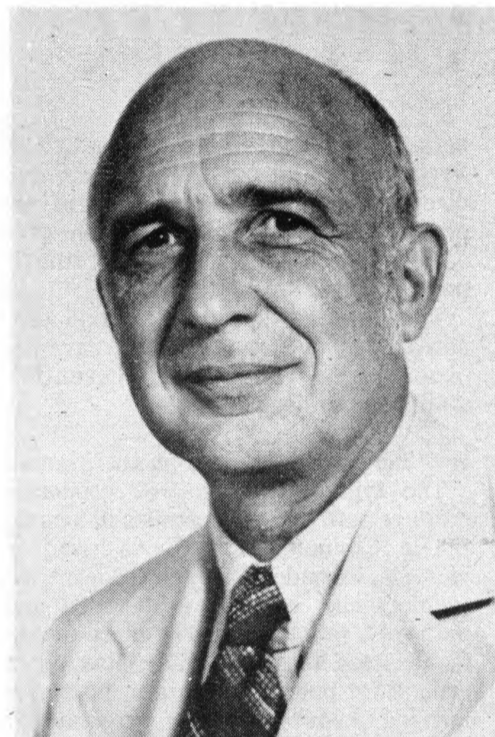
so many falls on the same level. So keep stray objects off the floor.

You can fall from ladders, scaffolds, or work platforms. How you climb and place ladders is important. You should be sure to place the ladder base away from the wall or vertical face about ¼ the working length of the ladder. The ladder should be tied at the top.

It is always a good idea to have someone hold a ladder when you're climbing and standing on it. You should make certain that you always face the ladder when going up or coming down.

You can also fall on stairways and ramps. Here again the importance of housekeeping is tied in with the falling hazard. Also, make certain that you use the handrails and don't run on the ramps or stairways.

Finally, take safety home with you and avoid falls no matter where you are.



## Know your curators:

### John Hall Dalton

John Hall Dalton, a Kennett attorney, was appointed to the Board of Curators Jan. 1, 1974 by Gov. Christopher S. Bond.

Dalton received his bachelor's degree from UMC in 1949. He was active in many student organizations on campus and was student body president in 1947-48. He graduated from Harvard Law School in 1952.

A member of the law firm of Dalton, Treasure and Bullard, he is currently serving, among other duties, as chairman of the Kennett City Planning Commission and chairman of the board of Kennett National Bank. Dalton has served on the Board of Law Examiners for seven years.

He serves as trustee for the John M. Dalton Educational Trust Fund.

## Alumnae committee cites Myers for education contributions

Clara Louise Myers, professor of social work practice, will be cited for her outstanding contribution to the education of UMC women at a reception April 22 in the Memorial Union Faculty-Alumni Lounge.

The citation will be made by the Alumnae Anniversary Fund Committee for the Recognition of Faculty Women.

As recipient of the Alumnae Award, Myers will receive \$500 and the citation at the reception, which will be held from 3:30 to 5 p.m. Joanna Todd, co-chairperson of the committee, will make the presentation at 4 p.m. Todd is acting director of Hugh Stephens Library, Stephens College, Columbia.

Since joining UMC in 1950, Myers has taught, her director states, "almost every course in the curriculum of the School of Social Work, frequently courses she has designed."

"Throughout her teaching and curriculum building, she has included material about the unique role of women in social work. As a role model to hundreds of women who have graduated from UMC, she has instilled in them the professionalism, sensitivity, objectivity and a non-judgmental attitude enabling them engage effectively in problem-solving."

UMC alumnae were invited to nominate any full-time UMC faculty woman with professorial rank. Women students chosen by every academic department made

nominations to the Alumnae Committee for the Recognition of Faculty Women, which makes the selection.

The committee was set up in 1968 with the Development Fund to coincide with the 131st anniversary of the University's founding. Alumnae are asked each year to contribute to a permanent fund from which the annual award is made.

Six previous awards have been made. Last year's recipient was Margaret Mangel, dean of the College of Home Economics.



Photo courtesy of Julies

## Promotions

Virginia Almon, from sr. clerk typist to laboratory tech.; Nancy Boyd, from reg. lab. tech. to sr. lab. tech.; Annabell Brazeal, from sr. sec. to admin. sec.; Lyndia Brooks, from chief switchboard oper. to chief telecommunication oper.;

Sarah Brown, from clerk to clerk II; Pamela Connor, from food service worker I to food service worker II; Lewis C. Croy, from herdsman to chief animal tech.; Alfred Harty, from forest worker to sr. forest worker; Johnny Harty, from sr. forest worker to foreman ag.;

Arthur Howren, from computer programmer to scientific prog. analyst; Jimmie Joiner, from clerk typist II to sr. acctg. clerk; Vivian King, from switchboard oper. to telecommunication oper.; Beverly Mayclin, from sr. acctg.

clerk to chief clerk; Suzanne McKim, from sec. steno. to sec.;

Gregory Miller, from emergency med. trainer to sr. emerg. med. tr.; Beverly Moore, from sr. sec. to admin. sec.; Claudia Powell, from sec. steno. to sec.; Betty Powers, from sec. steno. to admin. sec.; Julia Runk, from sec. steno. to chief acctg. clerk;

Michael Sachs, from emer. med. trainer to sr. emerg. med. trainer; Mary I. White, from clerk typist II to sr. clerk typist; Vicki Alexander, from sr. mail clerk to archives asst.; Chester B. Edwards Jr., from sr. reactor oper. to reactor eng. I; Kim Grace, from clerk typist II to sec. steno.;

Helen Nelson, from sec. steno. to sr. sec.; Brenda Paulsell, from sr. clerk to chief clerk.

## J-Week speakers announced

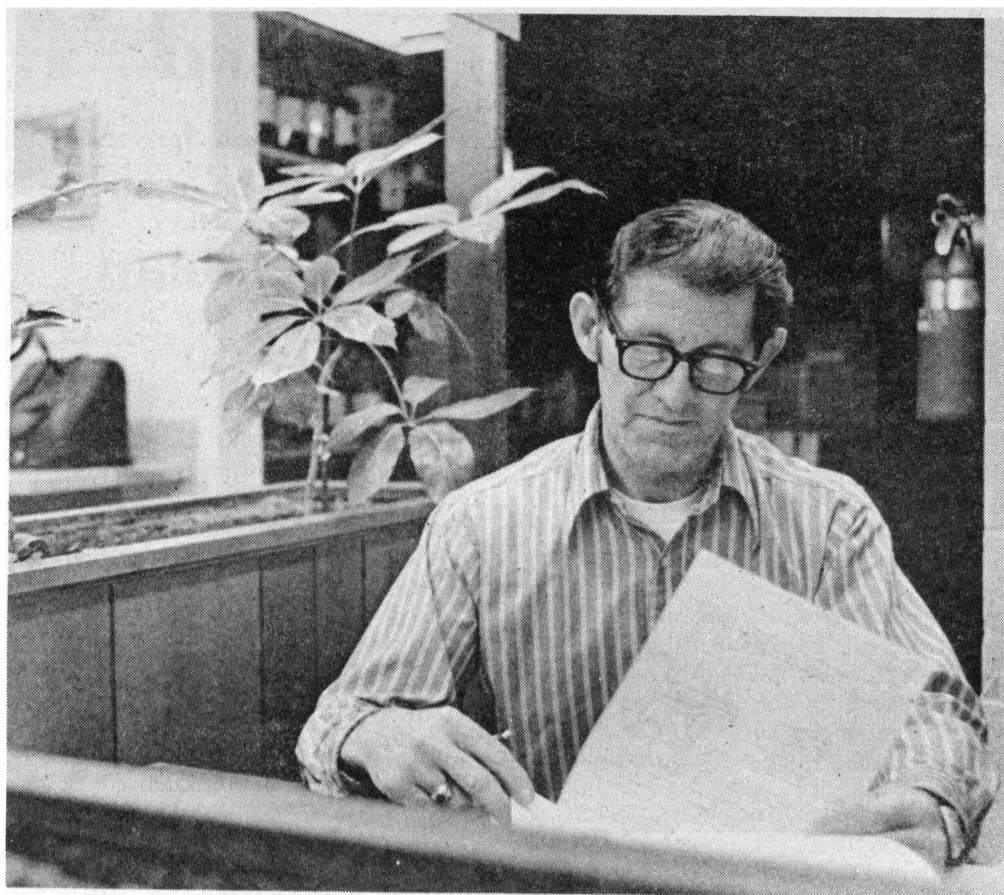
Speeches by veteran CBS News correspondent Mike Wallace and Jerry W. Friedheim, executive vice president and general manager of the American Newspaper Publishers Association (ANPA), will highlight the University's 67th annual Journalism Week April 20-23.

Friedheim will deliver the second Earl English Lecture at 1:40 p.m., April 20 in Jesse Auditorium. Friedheim received a B.J. from UMC in 1956 and a M.A. in 1962. He served as assistant secretary of defense for public affairs from 1973-74. From September, 1974 until June, 1975, he was vice president for public and government affairs for AMTRAK. He is a 1973 recipient of the University's

Distinguished Alumni Award and also received the Department of Defense's Distinguished Service Medal.

Wallace will speak at the annual Journalism banquet at 7 p.m., Friday, April 23 in Rothwell Gymnasium. Wallace has covered the nation's political conventions since 1964 and been co-editor of the popular television news documentary series "60 Minutes" since its inception in 1968.

Tickets for the banquet go on sale Monday, April 12 in 100 Neff Hall. Tickets cost \$10 each. Mail orders should be made payable to the Journalism Banquet Committee.



Clarence Jones, a laboratory mechanic in the Division of Biological Sciences, has worked at UMC for 25 years.

# Service Awards



Earl Barnes  
Research Specialist  
Agronomy  
20 years



Dale N. Duke  
Secretary  
American Archeology  
10 years



Mattie E. Holloway  
Food Serv. Worker IV  
Domitories  
10 years



Mark M. Hulse  
Electronics Lab. Sup.  
Graduate School  
15 years



Verneile E. Simons  
Food Serv. Worker I  
Domitories  
10 years

Also receiving awards but not pictured here are: Roland Pangborn, re-search technician, American Archeology, 15 years; and Ethel Irene Long, clerk II, office of vice-president.

## Twelve employes receive pins

The following UMC employes have been awarded five year service award pins:

Douglas R. Wolfersberger, assistant director, computer center; Sharon Sue Authenreith, laboratory technician, Missouri institute of psychiatry; David Paul Szymanski, assistant food service manager, Memorial Union;

Terry Ray Colbert, research specialist, agronomy; Solomon Robinson, animal caretaker, veterinary medicine; Randy Hall Thiessen, farm worker II, hor-

iculture;

Floyd Lee Jefferson, agriculture foreman, agriculture; Barbara Louise Bledsoe, secretary-stenographer, agriculture; Donna West, secretary-stenographer, KOMU-TV;

Mary Marshall Allen, junior computer programmer, Missouri institute of psychiatry; Jack William Watring, police sergeant, University Police; William Joseph Scheidt, routeman, Office of Business Management.

## Course in dramatic criticism scheduled at UMC this summer

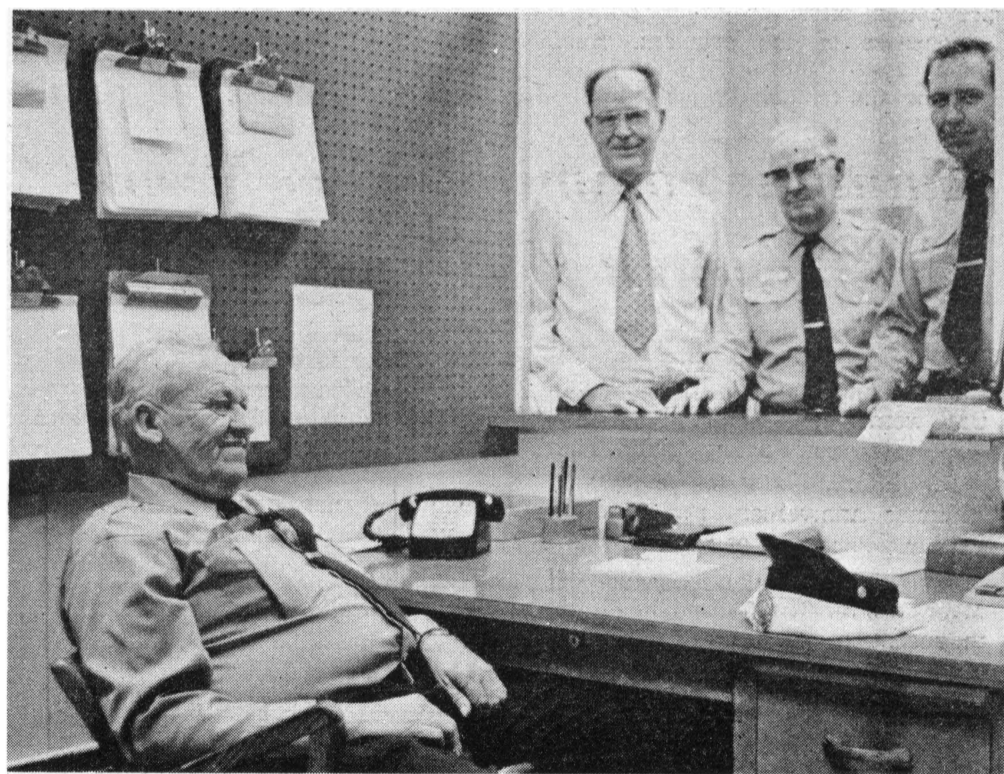
Four drama critics, ranging from the theorists to the practical, will conduct a special course in dramatic criticism during the UMC Summer Session.

Critics include Hobe Morrison, drama critic of Variety, the bible of show business; J. L. Styan, English author of books on criticism and currently at the University of Pittsburg; Ruby Cohn, noted critic and also a dramatic theorist,

currently at the University of California at Davis; and Albert Bermel, a theorist and working critic, winner of the George G. Nathan award for drama criticism and a judge of Tony and Obie awards, who is on the faculty of the City University of New York.

Each of the critics will spend a week on campus and give a free public lecture. The course will extend through eight weeks, but students may enroll for any two-week segment or the entire course. It is titled 301 English, journalism, speech and dramatic art.

David Jorns, assistant professor of speech and dramatic arts, said that critics' books will be used as texts during their campus visits. Styan is the author of "the Dark Comedy" and "Drama, Stage and Audience." Cohn has written "Current and Contemporary Drama." Bermel has written "Contradictory Characters" and "One Act Comedies of Moliere." Morrison will lecture on "The Play's the Thing."



Thornton Murray (left), lead watchman, reflects after 26 years of employment at UMC. Murray retired March 24, 1976. Also shown in the picture are: (left to right) Sol Bryson, foreman, building service shop; John Sevier, assistant foreman, watch, and John Vandelic, assistant foreman, watch office.

## Bondeson, Wang honored as top teachers

Two UMC professors — William Bondeson of philosophy and Richard Wang of biological sciences — have been selected as "Most Influential Teacher" by the top seniors in the UMC College of Education.

Bondeson and Wang were honored at the Education Recognition Luncheon April 1. Bondeson has been a member of the University faculty since 1964. He has an M.A. in Greek and a Ph.D. in philosophy from the University of Illinois. Wang, who received his Ph.D. from the University of

Colorado, has been on the faculty since 1971.

Students commented that Bondeson's "... efforts in the classroom encouraged me to prove my own mind ..." and Wang helped the student "... discover the satisfaction inherent in scientific research ..."

Students Gayle Mullen, Columbia and B. Tracy Nixon, Columbia, made the selection.

## Budget discussed at faculty meeting

President C. Brice Ratchford will discuss budgetary issues at a General Faculty Meeting at 3:40 p.m., Tuesday, April 13 in Jesse Auditorium.

All UMC faculty members are encouraged to attend the meeting.

# Chancellor names Reinhold for Byler award

Meyer Reinhold, professor of classical studies, has been named by Chancellor Herbert W. Schooling to receive the 1976 Byler distinguished professor award. The award — carrying a \$1200 stipend — will be presented to Reinhold during commencement exercises, May 8.

The award has been presented twice before to faculty members who have exhibited outstanding character and ability in their particular fields. A faculty committee recommends the recipient to the chancellor. Frederick Shane and Saul Weinberg were previous winners.

The Byler award was established with a gift from William H. Byler, UMC alumnus and retired senior vice president of the

U.S. Radium Corporation. A native of Cooper county, Byler earned UMC degrees in 1931 and 1937.

Reinhold joined the UMC faculty in 1967 after two years on the faculty of Southern Illinois University. He previously taught in New York high schools and at Brooklyn College and was for nine years a vice president of an advertising service in Brooklyn. Colleagues recognize him as one of the most perceptive and accomplished classicist of his generation. He is author or co-author of nine books on Greek and Roman literature and history.

A member of Phi Beta Kappa, Reinhold was a fellow in Greek and Latin and a

university fellow at Columbia University and a fellow of the American Academy in Rome. He received his bachelor's degree

at City College of New York and took master and doctor degrees at Columbia University.

## Paterson resigns as B&PA dean to resume teaching, research

Robert W. Paterson has submitted his resignation as dean of the UMC College of Business and Public Administration to Chancellor Herbert W. Schooling with a request that he be permitted to return to teaching and research.

Paterson recalled an exchange of letters with the chancellor five years ago in which he stated he would set aside five years of time to see if a framework for an outstanding set of programs in business and public administration disciplines could be developed.

Paterson said "In some ways I have been pleased with the progress that has been made."

He cited achieving a general setting for fundamental programs, efficiencies in program administration, decentralization of authority for degrees, budgetary implementation, identification and administration of college-wide missions, and establishment of an alumni-development council.

"There are a number of steps which must be taken to assure faculty, students, administration, and alumni that the College is important as an element in providing the best education possible," he continued. "These might be better addressed by a new dean."

Paterson suggested his resignation become effective July 1. He indicated his willingness, however, to continue until a successor is appointed. Chancellor Schooling has stated his hope that a successor can be appointed no later than Sept. 1, "in order for you to resume the academic interests where you have achieved a solid measure of distinction."

Schooling said he would consult with the faculty of the College to establish procedures for selecting a successor to Paterson.

Paterson has been a member of the UMC faculty since 1959 and was widely-known for his annual economic forecasts of U.S. business conditions.

## UMC library director resigns

Dwight Tuckwood has asked to be relieved of his duties as director of libraries at UMC. Tuckwood made his desires known in a letter to Provost for Academic Affairs Owen Koeppe, basing his request on personal reasons. He has agreed to Koeppe's request to serve as director until a replacement is selected.

Koeppe expressed his appreciation for Tuckwood's four years of service as director of the UMC library and also hoped that he would be able to continue at UMC in some library capacity — a desire Tuckwood stated in his letter. Koeppe

noted that because of inflation and inadequate funding, direction of the UMC library has been a particularly difficult task during recent years.

Tuckwood became director of libraries after serving as director of the library's technical services, a position he assumed when he came to Columbia from the University of Illinois at Urbana in 1965.

Koeppe said he plans to discuss the process of a search for a replacement with the members of the library staff and with the library committee "as soon as possible."

# UMC plans Jefferson celebrations April 13, 14



A double-header celebration of the birth date of Thomas Jefferson is planned on the UMC campus.

On April 13, birthday of the third president, a traditional program will be held at which Noel P. Gist, professor emeritus of sociology, will receive the 1976 Thomas Jefferson award.

On April 14, following Tap Day exercises, the Jefferson Monument will be rededicated at its new location adjacent to the Chancellor's Home on Francis Quadrangle.

The Gist ceremony will take place at 10:40 a.m. April 13 at the Alumni-Faculty Lounge in the Memorial Union. At that time Gist will be presented the Robert Earll McConnell Foundation cash prize, emblematic of being the member of the University family who most closely represents the ideals of Jefferson.

Dedication of the relocated monument, one of the major projects of the Bicentennial Committee, will take place after the 10 a.m. conclusion of the tap day program April 14 at which senior honor societies will make public names of "tapped" members.

Relocation of the Jefferson marker will provide a more impressive setting than

the present location west of the north entrance of Jesse Hall. The new site is being prepared and will include a concrete base for the monument, brick pavement surrounding it, and evergreen plantings at the base to offer protection from pedestrians. Benches will be installed.

UMC has relative close ties with the third president. He is recognized as the "father" of the University of Virginia, after which the University of Missouri was patterned. The gravestone Jefferson designed was given to UMC by Jefferson heirs in 1885 after a new memorial was constructed at Monticello. The gift was in honor of UM being the first state university founded in the Louisiana territory, which was purchased from France during Jefferson's administration.

Carrie Francke, chairman of the Bicentennial Committee, said she expects members of Mystical Seven, one of the senior honor societies, to take part in the rededication ceremony. The organization was founded at the University of Virginia, with Jefferson supposedly participating in the program of selecting seven outstanding men on campus to be recognized by their good works throughout the community.

## Four professors selected for AMOCO teaching awards

Recipients of \$500 AMOCO awards for excellence in undergraduate teaching have been announced at UMC.

Recipients are Thomas J. Freeman Jr., professor of geology; Betty Burchett, assistant professor of curriculum and instruction; Jay B. McGarraugh, associate professor of civil engineering, and Gregory Casey, associate professor of political science.

Announcement of the awards was made by Luverne Walton, assistant provost for academic affairs and member of the selection committee.

Criteria for selection include active teaching of undergraduate students, particularly the demonstration of teaching excellence. Minimal consideration was given to publication and

research, but scholarly works related to teaching of undergraduates was given consideration.

The awards will be made May 8 as a part of commencement activities. Preceding the exercises, the four recipients will be luncheon guests of Chancellor and Mrs. Herbert W. Schooling.

The four have been asked to participate in a workshop on teaching which the task force on undergraduate education will sponsor next fall. The task force's subcommittee on undergraduate teaching — Walton, Elizabeth S. Hensley, John Campbell and John H. Kultgen — was on the final selection committee for making the AMOCO awards.

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# campus columns

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 7, No. 8

Wed., May 19, 1976

## Bond okays \$127 million; proposed budget readied

Gov. Christopher S. Bond signed the higher education appropriations bill into law Tuesday, May 11, allocating a total of \$127 million to the University.

"We're pleased with the governor's action in approval of the total amount appropriated by the General Assembly," A.G. Unkelsbay, vice president for administration, said in an official statement.

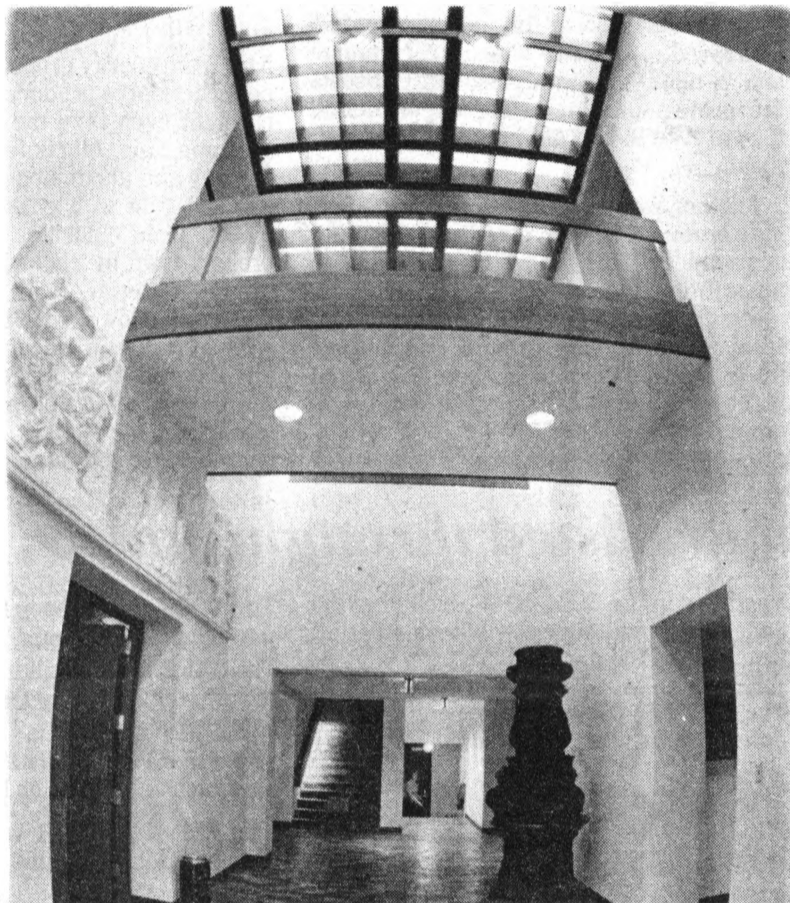
Unkelsbay said that "Approval of the \$127 million operations appropriation for the University of Missouri in fiscal year 1976-77 means an increase of about \$7.6 million over the current appropriation of \$119.4 million."

"The figures and options are being discussed now by campus and central administration officers," Unkelsbay explained. "We will have a proposed 1976-77 General Operating Budget to put before the Board of Curators at the meeting on May 28."

### Holiday scheduled

University employes have a long weekend coming up soon. All offices will be closed Monday, May 31 for Memorial Day. Arrangements will be made to carry on essential services.

## Museum Associates: way to support collection



Entrance to the Museum of Art and Archeology.

Want to buy a Rembrandt? Or is Matisse more to your liking? If you join the newly forming Museum Associates, you may just have a chance to decide which artist you would like to see in the new Museum of Art and Archeology.

The Museum Associates has been organized to give more financial support to the Museum and to provide cultural and educational benefits to its members, according to William Bondeson, professor of philosophy, and president of Museum Associates.

Right now, Museum Associates is looking for new members. Among the many benefits to which Museum Associates will be entitled are previews of new exhibits, special lectures by leading authorities, trips to other museums, and discounts on purchases in the museum shop.

Members are also invited to join the various subcommittees on acquisitions, sales, finances, activities, and public relations.

More importantly, Museum Associates will be supporting the campus' new museum scheduled to be fully operational in mid-November and combining the University's extensive collection of art objects in one building.

"The greater majority of the works in the new museum have never been seen before by anyone," says Bondeson. "It's all been stored away because there's been no place to put it."

The collection, some 6,000 pieces in all, includes African sculpture, pre-Columbian artifacts, old master paintings, examples of the decorative arts and furniture, and many contemporary prints. In addition, the Museum's Greek and Roman art is considered by some to be the best collection outside of either coast.

Next year, Museum Associates is planning a lecture series on the museum's collection, featuring speakers from the campus. As yet, no formal announcement on the series has been made.

Annual memberships in Museum Associates may be purchased in varying amounts ranging from five dollars for students to \$100 for corporations. Larger donations are available through endowments. These fees will go to the purchase of new equipment and opening costs of the museum.

Information and applications to the Museum Associates may be obtained by calling or visiting the Museum of Art and Archeology at 882-8363 on Francis Quadrangle or by calling Bondeson at 882-3875.

## Major highlights of Curators' April 30 meeting

- Discussed the State Relations Plan, after which President Dalton appointed a committee to study the existing plan and then develop a policy. Committee members are Van Williams, Rex Williams and Barbara Berkmeier.

- Reviewed a faculty resolution adopted by the Columbia campus calling for the dismissal of University President C. Brice Ratchford, but took no action pending review of the transcript of the meeting.

- Heard reports by the chancellors regarding the progress being made and the programs existing for affirmative action. Curator Woods called for a "more sensitive understanding" of minority issues.

- Heard a report by the physical facilities committee asking the UMC athletic committee to adopt a less costly plan for expanding Memorial Stadium. The board took no action, but voiced no

objections to the physical facilities committee's report to the athletic committee.

- Approved a bachelor of social work degree program for the UMSL campus.

- Approved increasing membership in the UMC Intercollegiate Athletics Committee and adding women's athletic programs as part of the committee's responsibility.

- Approved renaming UMKC's administration building to Scofield Hall after Carleton F. Scofield, last president of the University of Kansas City and first chancellor of UMKC.

- Okayed preliminary construction

plans for an American Red Cross building in Columbia's Research Park. To be used as a blood collection, processing and distribution center for the mid-Missouri area, the laboratory will provide teaching and research opportunities for the UMC medical and graduate schools.

- Approved transfer of \$90,000 from the Swedish Institute of Surface Chemistry for research underway by the institute's former head, Dr. Stig Friberg, who will become the UMR chemistry chairman in August.

Approved the University Academic Plan Part II — Research Inventory and Projections, the final document in the institutional appraisal effort.

## Missourian Association donates \$68,300 in equipment to school

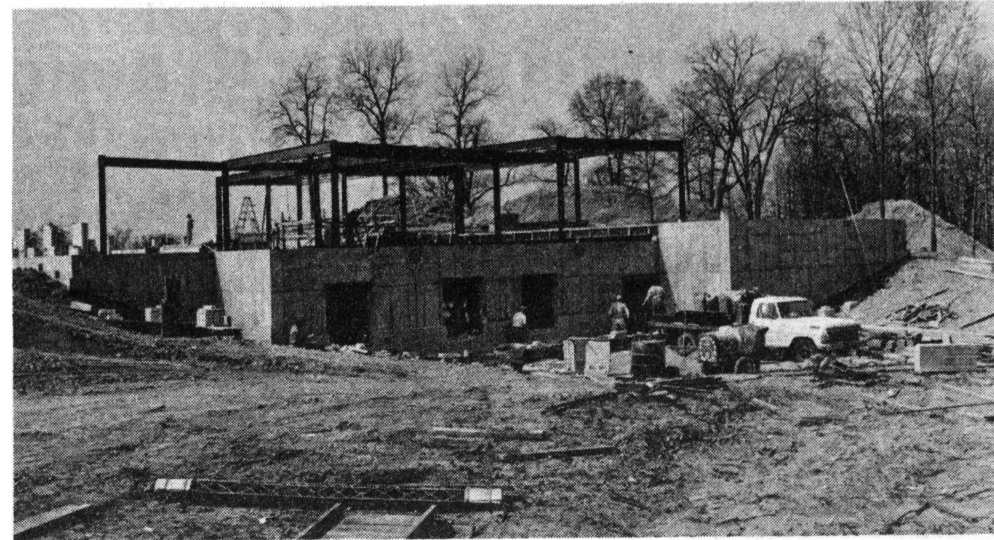
The Missourian Publishing Association Inc., publisher of The Columbia Missourian, donated \$68,300 in phototypesetting and other newspaper equipment to the School of Journalism last month, it was announced by chairman John Shea. The gifts bring to \$270,000 the value of teaching and publishing equipment given the school by The Missourian since 1968.

The Columbia Missourian is a general circulation teaching newspaper published six days a week, including Sundays. Students do news, editorial, feature, photographic and advertising work under the supervision of the Journalism School faculty. Roy M. Fisher, dean of the school, serves as ex-officio publisher.

Nine Pulitzer Prize winners have worked on The Missourian, including the late Hal Boyle of the Associated Press,

Louis Kohlmeier of the Wall Street Journal and Ron Powers of the Chicago Sun-Times. Among other distinguished journalists who "broke in" the profession through the Missourian are Sam Cook Digges, president of CBS radio; Craig Claiborne, New York Times food editor; syndicated conservative columnist James J. Kilpatrick, Elmer Lower, vice president, ABC; and Walter Scott, past president and former chairman of the board of the National Broadcasting Co.

The Missourian was founded in 1908 with the assistance and support of the Missouri Press Association. The following year it was chartered as a not-for-profit corporation and in 1926 reincorporated under the direction of a board of directors limited to Journalism School alumni and students.



BEGINNINGS OF UMC ALUMNI CENTER . . . completion of the \$800,000 building is expected this fall.



Martz attempts to cut feed costs

# Dairy scientist feeds cows, sheep processed garbage



Fred Martz feeds processes garbage to sheep.

Let them eat garbage!  
Or newspapers or cardboard . . . with a spot of gold for a chaser.

Cows (dairy and beef) and sheep get fed nearly everything under the sun at UMC where scientists try to cut feed costs and help solve some pollution problems at the same time.

Right now, Fred Martz, dairy scientist, is feeding an experimental roughage that includes about 10 to 40 percent garbage. It isn't your plain old everyday garbage; it's been processed to eliminate glass and hardware. The balance of the feed is wheat middlings, alfalfa and corn.

Martz says fibrous materials in garbage include newspaper, writing paper, cardboard and crop residue (soybean straw, wheat straw, cornstalks and wood pulp.) These fibrous substances are an energy source, but low protein source. (Garbage contains only one to five percent protein compared to eight to nine in corn silage and 12 to 13 in alfalfa.) So, Martz boosts the protein content of his experimental feed to 13 to 16 percent by adding soybean meal.

Another way to give cattle high energy, high protein feed is to give them the daily newspaper — after it has been used as an algae filter.

Martz and agricultural engineer Neil Meador found that ground newspapers make great filters for algae, one-celled plants that thrive in lagoons treated with animal waste.

In tests, the newspaper's digestible

protein level — before the algae layer formed on top — was equal to that of prairie hay; 1.6 percent. But the scientists found that they could build algae levels on top of the paper. If animals could be fed a pure algae diet, the digestible protein could be up to 55 percent.

California studies show that animals will eat rations in which up to 20 percent of their digestible protein is algae. And UMC studies show good gains in milk production when 10 percent of an animal's diet is newspapers.

Although newspapers contain little protein and no vitamins their cellulose fibers make them about half as good as hay as an energy source. Some paper, because it's made of chemically treated cellulose, has an energy value nearly equal to that of grain — at least as far as the ruminant animal is concerned.

"If it's a good quality paper," says Martz, "it could at least take the place of hay. In an energy crisis situation when it's not practical to produce high energy feed, it might even take the place of grain."

At one time, Martz fed cattle a mixture of whey and about 80 percent paper. Then he used gold as a chaser — or rather, a tracer. Gold chloride, a solution of gold broken down by chlorine to saturate the waste material, was added to allow tracing the flow of food ingestion. The gold worked well as a tracer, and it didn't cost all that much because very little was used. Martz has now found an even better and less expensive tracer, so his animals are back off the gold standard.

## Memorial Union, Brady Commons' hours listed through June 6

Brady Commons	Date	Memorial Union	CLOSED	Sun, May 30	CLOSED	Facilities in the COMMONS, including the Snack Bar and Lounge, will be open at all times the building is open.	The NOOK will be open from 8 a.m. to 4:30 p.m., Monday through Friday.
CLOSED	Sat, May 22	CLOSED	8am-3pm	Mon, May 31	CLOSED		The CAFETERIA will be open from 8 a.m. to 1:15 p.m., Monday through Friday with lunch service only.
CLOSED	Sun, May 23	CLOSED	8am-3pm	Tue, Jun 1	8am-5pm		The HAWTHORN ROOM will suspend operation until lunch on Monday, June 7.
8am-3pm	Mon, May 24	8am-5pm	8am-3pm	Wed, Jun 2	8am-5pm	The GAMES AREA will be open from 10 a.m. to 3 p.m. when the building is open.	
8am-3pm	Tue, May 25	8am-5pm	8am-3pm	Thu, Jun 3	8am-5pm		
8am-3pm	Wed, May 26	8am-5pm	CLOSED	Fri, Jun 4	8am-5pm		
8am-3pm	Thu, May 27	8am-5pm	2pm-11pm	Sat, Jun 5	CLOSED	The BOOK STORE will be open from 8 a.m. to 3 p.m., Monday-Friday, when the building is open.	
8am-3pm	Fri, May 28	8am-5pm	FULL	Sun, Jun 6	10am-9pm		
CLOSED	Sat, May 29	CLOSED	SERVICE	Mon, Jun 7	FULL		The BENGAL LAIR will suspend operation until Monday, June 7.

## News & Notes

The Mizzou Employees Federal Credit Union reached the \$1,000,000 mark in assets on March 31, according to manager Karl Guettler. The credit union, which serves University employes and their families has its headquarters at 909 University Avenue in Columbia.

Organized in 1969, the credit union currently has more than 3,400 members.

★★★★

A loose leaf reference book on gardening and home grounds care is available from UMC.

"Grounds for Gardening" Guide Series contains 60 guide sheets on fruit and vegetable growing, landscaping, flower

gardening outdoors and indoors, and many others.

Included are tips for the growing season from starting plants from seeds to drying flowers for arrangements.

Recommendations for pest control — both weeds and insects — for fruits, vegetables and lawns are also included.

To get the complete reference, order from Extension Publications, 211 Whitten Hall. The cost is \$5.20, including tax and handling.

The book is also available through Extension centers in each county.

★★★★

Orval L. Olson, assistant radiation safety officer, has been selected to serve

on a scientific committee of the National Council on Radiation Protection and Measurements.

The committee was recently organized to formulate guidelines on the safe use of radioactive materials.

Olson has been employed at the University since Sept. 1, 1974.

★★★★

UMC has been selected as one of eight schools in the nation to continue offering the Navy Enlisted Scientific Education Program (NESEP). National consolidation of the program from 21 to eight campuses may lead to an increase of approximately 50 naval science students

on the Columbia campus this Fall.

Since the establishment of the program in 1958, some 1200 Navy enlisted have met requirements to become unrestricted line officers upon graduation from the program, according to Capt. Paul T. Karschnia, chairman of the department of naval science. UMC has been graduating an average of eight students per year under the program.

## V.A. appoints Mayer to academic post

William D. Mayer, former dean of the School of Medicine, has been appointed assistant chief medical director for academic affairs of the Veterans Administration. He will be based in Washington, D.C. and will assume his duties Aug. 29.

Mayer was dean of the School of Medicine from 1967 until his resignation Sept. 1, 1974. He since has been director of the University's Health Services Research and Development Center.

Mayer will be responsible for the academic relationships through which education and training is provided within the Veterans Administration's hospitals and clinics, in affiliation with medical and

allied health schools. He also will coordinate the VA grants program for medical schools and other programs of allied health professions training, and will direct continuing education activities for VA professionals. The VA Learning Resources Service will be under his supervision as well.

Mayer joined the UMC faculty in 1961 as assistant professor of pathology and assistant dean of the School of Medicine. A year later he was selected as a Markel Scholar in Academic Medicine and in 1964 he became associate dean.

In 1966-67 while on leave, Mayer was associate director of the division of regional medical programs of the

National Institutes of Health and chief of its continuing education branch. He returned to UMC as dean in July, 1967.

Mayer has served on numerous national committees and organizations, including the administrative board of the Council of Deans, and the executive council of the Association of American Medical Colleges. He is a distinguished service member of the AAMC.

He is also a member of the liaison committee on continuing medical education and is a member of the executive committee and treasurer of the National Board of Medical Examiners. He is a Fellow of the College of American Pathologists.

### CAMPUS COLUMNS

Campus Columns is published monthly except July and August for the information of all University of Missouri employes on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office: 882-6211.

For change of address, obtain W-4 Form from departmental office, fill out entirely, and send to Payroll Office, 16 Jesse Hall. Editor: Anne D. Robinson

The University of Missouri  
An Equal Opportunity Institution

# Welcome

Nancy Jo Spudick, secretary-steno, Extension Division; Barbara Jean Cantrell, sr. accounting clerk, Center for Student Life; Darlene Brown, secretary-steno, Education; Ronald B. Wilson, janitor, Physical Plant; James E. Thompson, janitor, Physical Plant; Henry Lee Rainey, janitor, Physical Plant.

Louis Wilson, janitor, Physical Plant; Herbert L. Glasgow, janitor, Physical Plant; John Dale Samuel, janitor, Physical Plant; Clyde L. Nickle, janitor, Physical Plant; James R. Beach, janitor, Physical Plant; Daniel Crosby, laboratory, tech, Environmental Trace Substances.

Gloria Christine Neal, sec-steno, education; Katy Ann Mabrey, food service worker I, Memorial Union; Mary Ellen Mikel, food service worker I, dormitory; Mary P. Jensen, clerk II, admissions; Pamela Allard, sec-steno, speech & dramatic arts;

Terri Bea Flynn, steno, agriculture dean's office; Debra McGarry, secretary, education; Marsha Wright, sec-steno, univ. extension division; Sherylle L. Fuller, clerk typist II, math; Christopher Young, sr. res-lab tech., American archaeology;

Eldon Bugg, administrative assistant, Office of Research.

Jewell Elaine Maggard, clerk typist, Purchasing.

Wesley Rosenbaum, sales serv. asst., television station; Terrence Lewis, food service worker III, Memorial Union; Harold G. Davidson, food service worker III, dormitory; Gerre B. Duncan, electrician, Physical Plant; Kevin C. Nahler, janitor, Physical Plant;

Edward E. Jenkins, parts man, Physical Plant; Diane Jenkins, clerk typist II, Missouri regional medical; Deborah Pylley, secretary, mgmt. services; Jon M. Meese, sr. res. scientist, research reactor; Deborah Fischgrabe, sec-steno, special asst. to president, radiation safety;

Richard Bergerhafer, comp. oper. central facility, computer network; Vivian Irene Barner, clerk typist, alumni development fund mgmt systems; Carolyn L. Awsley, sec-steno, agric. dean's office; William L. Fenton, pipefitter, Medical Center, building

operating; Jackie Dale Corbin, animal tech., dairy husbandry; Wilburn Dean Gilmore, janitor, Physical Plant;

Virgil Oscar Gramblett, tool maintenance man, Physical Plant; Larry Joseph Phelps, janitor, Physical Plant; Gregory Ivon Collins, janitor, Physical Plant; David Johnson, janitor, Physical Plant; Marvin Clay, janitor, Physical Plant.

Cathy E. Cooke, clerk, University Police; Carl J. Terrett, farm worker I, dir. office agric.; David J. Ives, archaeologist II, American archaeology; Connie Breitman, clerk typist II, education; Jerry Richard Joseph, Stenographer, chemistry;

Alan R. Bloom, library clerk I, library; Richard D. Hopson, janitor, Physical Plant; Mark Lanham, janitor, Physical Plant; Harold J. Witt, janitor, Physical Plant; William A. Rumsey, food service worker, dormitory; Oarsha Mathews, food service worker, dormitory.

## Did you know?

The Jefferson Club, a philanthropic association which currently numbers 190 members, has contributed more than \$7 million to the University since its establishment in 1970.

Members gathered in Columbia May 14 to hear Pulitzer prizewinning columnist James Reston, the third Thomas Jefferson Distinguish Visiting Professor. The speech was also attended by members of the Alumni Association and the Development Fund.

Both alumni groups elected officers during weekend meetings. New Alumni Association executive officers include John Booth, senior vice president of Oklahoma Mortgage Co., Oklahoma City, president, and Doris England, director of nursing, St. Louis Children's Hospital, president-elect, (who will become the first woman president of the association.)

Newly-elected vice presidents of the Alumni Association include Jerry

Tiemann, president and general manager, Kansas City Cold Storage; and Tom Schultz, executive director, Lake of the Ozarks Association. Mrs. Barbara Moore, Edenval Farms, Malta Bend, was elected treasurer.

Don Reynolds, president, Donrey Media Group, Ft. Smith, Ark., was elected chairman of the Development Fund Board. Other new members of the board include John Chance, vice president, A.B. Chance Co., Centralia; John Dillingham, assistant vice president, Traders National Bank, Kansas City; Lehman Finch, attorney, Cape Girardeau; Ed Lee, managing partner, Peat, Marwick, Mitchell and Company, St. Louis; Ed Matheny, Jr., attorney, Kansas City; J.W. McAfee, Union Electric Co., St. Louis; Marvin McQueen, president, Ackerman, Inc., Tulsa and Ernest Robson, Jr., vice president, Monsanto Co., St. Louis.

## Calendar of Events

### ACADEMIC SCHEDULE

June 7: Summer session registration and orientation.

June 8: Class work begins, 7:30 a.m.

### CONFERENCES, SHORT COURSES

May 16-22: Chopper Controlled DC Motors Seminar.

May 23-28: Institute On Library Automation, Mark Twain.

June 1-4: State 4-H Week, campus-wide.

June 6-11: 1976 Summer Media Workshop, campus-wide.

June 7-9: 9th Annual Arson Investigators Seminar in Ramada Inn.

June 7-11: Missourian Institute on Alcoholism at Columbia College.

June 8-10: 10 Annual Conference on Trace Substances in Environmental Health at the Union.

June 13-15: Missouri Association of

School Administrators Annual Summer Conference at Ramada Inn.

June 13-18: Graduate Institute of Cooperative Leadership, Stephens College.

June 13-19: 1976 Summer Music & Twirler Camp, campus-wide.

June 19: 4th Annual Missouri State Foster Care Association Meeting on campus.

### DEADLINES, OTHER EVENTS

May 26: Spectrum Deadline

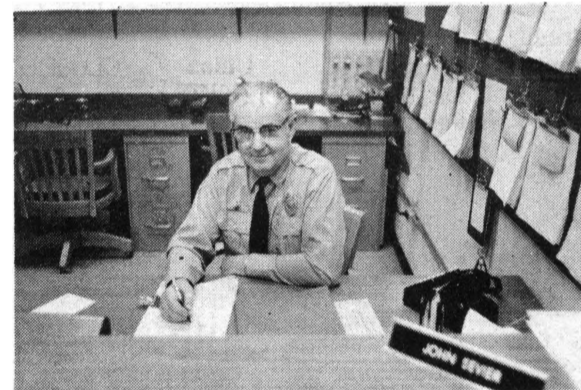
June 1: Faculty Bulletin Deadline

June 14: Campus Columns Deadline

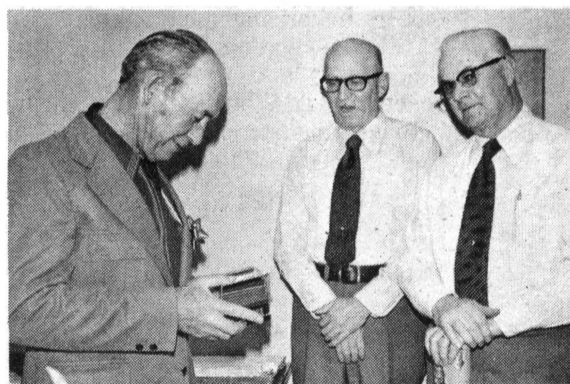
June 23: Spectrum Deadline

### FILMS, EXHIBITS

June 6-July 2: Exhibition of Graphics '75 Watergate at Fine Arts Gallery.



## Retirements



From top left to bottom right: (l to r) Harold Condra, director of housing, shakes hands with carpenter Harold Rosebaum, who retires May 31 after 28 years on the job; John Sevier, assistant foreman-watchman day, retired April 30 after 25 years; (l to r) Andrew P. Toalson, stores clerk, opens retirement gift while assistant purchasing agents Glenn Brown and Harold Anthony look on. Toalson retired May 7 after 21 years; and Ralph Zeller, stores clerk talks with secretary Karen Turner. Zeller retired April 16.

## Dialogue

**Q:** How do I file a claim for medical benefits?

**A:** The following procedure should be followed for each member of the family for which a claim is filed: contact the Staff Benefits Office at 882-3683 for a claim form; complete the employe's section of the form and be sure to sign in the appropriate space; have the attending doctor complete his portion or use his own form if he chooses (the Medical Center and Boone Clinic have special forms for example); and then turn in the completed form to Staff Benefits along with copies of the physician charges, prescription slips, laboratory bills and x-ray charges.

**Q:** What happens if I have more than one group medical plan?

**A:** Under our program, you may collect

benefits up to a maximum of your total charges. Benefits paid by private or individual plans are not affected by our program.

**Q:** What are the specific holidays at the University?

**A:** The following holidays are observed by fulltime, non-academic employes of the University: New Year's Day, Jan. 1; Presidents' Day, third Monday in February; Memorial Day, May 31; Independence Day, July 4; Labor Day, first Monday in September; Thanksgiving Day and the following Friday, last Thursday and Friday in November; Christmas Day. In addition to this, two floating holidays are designated each year between July 1 and June 30.

## Employee Assistance Program

## Program serves as 'referral resource'

Problems are a fact of life. However, when personal problems impair an individual's ability to perform, professional help is the only answer. Free referral to sources of help is now available to all UMC employees and their families through the Employee Assistance Program (EAP).

The program, located in the Columbia Business and Professional Building, is the only federally funded project of this type at an institution of higher education. The program began in September under a \$134,000 renewable grant from the U.S. Department of Health, Education and Welfare.

Richard Thoreson, project director and professor of counseling and personnel,

“. . . problem is providing an easy way for people to get into the treatment system . . .”

explains that employees seeking help through the program will be referred to already established community agencies. These agencies are staffed to see individuals after work hours and are either free or have fees based on a sliding scale.

“The program has two basic parts — serving as a referral resource and providing an on-going training program for supervisors,” Thoreson notes. To date,

the orientation program has reached 600 supervisors on campus.

“In a community such as Columbia, there is a wide variety of agencies,” Thoreson says. “The problem is providing an easy way for people to get into the treatment system.”

Thoreson stresses the fact that all information gained during Employee Assistance Program interviews is strictly confidential. Even though supervisors may refer employees to the program, the only information they can receive back is confirmation that the employee has made an appointment.

The Employee Association Program project team includes Thoreson; Kristi Roberts, coordinator of services; Fred Knocke, director of training and Betty Pascoe, data coordinator. The project is supervised by a 12-member Coordinating Council composed of UMC deans and provosts and a 12-member Advisory Committee made up of representative employees.

Employee Assistance Programs, which are common to industry, are generally new to universities and colleges, according to Thoreson. Programs now exist at Texas Tech, University of Wisconsin-Madison, Johns Hopkins, Rutgers and Purdue University.

“One of the reasons that our program was accepted for funding over other in-

stitutions was because our plan is the only one which accommodates academic employees as well as non-academic employees,” Thoreson points out.

“Employee Assistance Programs have

“The only kind of approach which works well in an organizational setting is to concentrate on the job performance aspects of problems.”

been in existence since the early '40s,” Thoreson explains. “Initially, the programs began as a means of providing effective options for treating employees with drinking problems. The development of the programs closely paralleled the development of Alcoholics Anonymous.”

Because alcohol abuse is a major cause of absenteeism, use of sick leave benefits, accidents and high job turnover, early Employee Assistance Programs focused on alcoholism, according to Thoreson.

“Recently, Employee Assistance Programs have used the employee assistance concept where alcoholism is only one of the many problems affecting job performance,” Thoreson says. “The only kind of approach which works well in the organizational setting is to concentrate on the job performance aspect of problems.”

At present, approximately 600 industries, state and federal government agencies have some kind of Employee Assistance Programs, according to Thoreson. Studies show that if intervention is made in the early stages of problems there is a 70 to 80 per cent employee recovery rate.

“The valued employee concept is one of the keys to these programs,” Thoreson explains. “The typical valued employee has been on the job an average of seven years. Since there is an investment both on the part of the institution and the employee, it makes sense to try to ‘recover’ these employees when they run into problems.”

Thoreson says that the thrust of the orientation program is to “provide supervisors with information on how to gain access to the program and also, the most effective way of confronting employees.

“Our orientation program emphasizes that supervisors should focus on job performance rather than non-related job problems,” Thoreson points out.

Although there has been an increase in the number of self-referrals to both the UMC Counseling Services and Family Services, Thoreson says it is too soon to determine whether or not this is a direct result of the Employee Assistance Program.

In talking with academic supervisors, Thoreson has determined that “contrary to what is popularly believed, evidence of

academic employees' job performance (or lack of it) is highly visible.”

“The folklore that academic job performance criteria are too subjective to be used just isn't true,” Thoreson says. “It is also a myth that job sanctions are not available in the academic community. Chairmen sometimes censor faculty members who are not performing well by withdrawing secretarial help, travel funds, graduate assistants and giving low merit increases.”

Interestingly enough, the program has received no referrals from supervisors where it became evident that the supervisors themselves were part of the problem, according to Thoreson.

“It is possible that supervisors who know they are part of an employee's problem may not be referring them,” Thoreson says. “It is too early to tell yet.”

“. . . if a seriously troubled employee is allowed to continue without help, it can have a 'ripple effect' on the rest of the staff . . .”

Thoreson reaffirms the fact that the reason that the Employee Assistance Program “deliberately stresses the use of community resources is because having in-house treatment would greatly impair the credibility of the project.”

The consequences of allowing an employee's job performance to dwindle because of untreated problems can be devastating, according to Thoreson.

“Within any given department or office, people generally know who is performing and who is not,” Thoreson points out. “Therefore if a seriously troubled employee is allowed to continue without help, it can have a ‘ripple effect’ on the rest of the staff.”

(Editor's note: those interested in contacting Employee Assistance Program personnel should call 882-6701.)

### UMC selected as conference site

UMC has been selected as the site of the National Invitational Conference on University Based Employee Assistance Programs which will be held Aug. 1-3, according to Richard Thoreson, Employee Assistance Program project director.

Thoreson, who will coordinate the conference at the Campus Inn, says that more than 60 project directors and university administrators are expected to attend from major universities and colleges including UCLA, Michigan State, University of Wisconsin-Madison and Rutgers.

The conference theme is “Problems and Promise of Employee Assistance Programs.”



## Promotions

Janice Baker, from sr. secretary to administrative asst.; Mary Bush, from grad nurse to staff nurse II; Sheila Cheatom, from secretary to sr. secretary; Theresa Crader, from grad nurse to staff nurse II; Sharon Crane, from personnel interviewer to personnel assistant;

Alfred Decker, from herdsman to research spec; Anna Gregory, from grad. prac. nurse to sr. lic. prac. nurse; Barbara Hagen, from sr. personnel asst. to asst. to personnel officer; Res Hauber, from expeditor to scheduler-expeditor;

Kristine Haulk, from clerk to sr. clerk typist;

Jeanette Hawk, from sr. secretary to program coordinator; Mary E. Hirt, from grad. nurse to staff nurse II; Paula Kuhlmann, from greenhouse attendant to research tech.; Deborah Levings, from cert. blood banker to chief cert. blood banker; Edward Long, from locksmith I to locksmith II;

Stacy Lyons Jr., from custodian to housekeeping supv.; Darlene Mc-

Clenahan, from grad. nurse to staff nurse II; Kathleen Morton, from grad. nurse to staff nurse I; Joyce A. Naeger, from acctg. clerk to sr. acctg. clerk; Eileen Perry, from sr. keypunch opr. to fiscal asst.;

Jan M. Pile, from stenographer to sr. clerk typist; Rebecca Prater, from acctg. clerk to financial interviewer; Pamela Richey, from grad. nurse to staff nurse I; Margaret Schuler, from grad. nurse to staff nurse II; Karen Talmage, from grad. nurse to staff nurse II; Barbara Tanner, from grad. nurse to staff nurse II;

Wilfred Tolson, from emerg. med. trainer to sr. emerg. med. trainer; Freda Wehmeyer, from sr. clerk to sr. acctg. clerk; Aileen M. Williams, from chief clerk to fiscal asst.; Patricia Christus, from sec. steno to secretary; Connie Henry, from secretary to sr. secretary;

Carol Leach, from clerk II to sr. clerk; Deanna Sapp, from sr. secretary to admin. secretary; Elaine Schrader, from secretary to sr. secretary; Sandra Visco, from sec. steno. to sr. secretary; Susan Witt, from sec. steno. to secretary;

## United Way program helps disabled adults

Jacob's Center day care program for disabled adults is unique in Boone County according to Jerry Case, adult program supervisor at the Center located on Rangeline and supported by Cerebral Palsy of Boone County.

"Adult day care programming for the disabled adult is a fairly new concept," Case said. Such a program allows certain aged parents the first dependable break from constant care of their disabled children who are now adults. Such day care also allows some parents to hold jobs, and improves the mental health of the entire family. Participants find this is the only such program in Boone County and are referred to it by a wide variety of sources including Division of Family Services, Public Health and private referrals as the program becomes better known.

Every day the adult program is in session from 9 a.m. to noon. Two vans from HATS and OATS are utilized for transporting the adults to the Center. A wide variety of building centered activities are directed by a growing corp of volunteers supervised by Case. Games, group discussions, crafts, music rhythm and dance, gardening and cooking are regularly scheduled. The two most popular outside activities are swimming at the University's McKee Gymnasium and bowling at the University Commons. Ralph Johnson, UMC assistant professor of health and physical education holds a meeting twice a month at the Center dealing with handicapped sexuality, handicapped relationships and interpersonal relations.

"Many handicapped people live very sheltered lives, sheltered by parents, institutions, their disability and the problems of transportation. We bring together able-bodied volunteers, utilize community resources and make an attempt at real socialization for our folks," said Case. This aspect of the program has proved to be mutually benefitting according to Case.

Cerebral Palsy of Boone County is a United Way member Agency.

## Article lists 'attractive nuisances'

(Editor's note: The following article is reprinted with permission from the National Safety Council's publication, "Family Safety.")

Have you ever heard of an "attractive nuisance?"

No, it's not the cute dog who chews up your shoes.

And it's not the pretty little girl next door who pulls up your tulips.

An attractive nuisance is a legal description of an object on private property that, although not a hazard in itself, could lure a child into danger.

The attractive nuisance doctrine began 100 years ago in Minnesota from a case involving a railroad turntable. Seven-year-old Patrick Keffe was injured when he trespassed on railroad property to get a merry-go-round ride on the turntable that was close by his house. The turntable wasn't fenced, guarded or enclosed.

The appellate court ruled that the railroad knew an unguarded turntable was "not merely inviting young children to come upon the turntable but was holding out an allurements which acting upon the natural instincts by which such children are controlled, drew them by those instincts into a hidden danger."

Turntables have gone the way of the steam engines they used to turn about, but other lures, new and old, can lead curious kids into trouble. And a court still can hold you liable if a child is hurt, even though he trespasses on your property. To everyone a child's safety is enough motivation without the threat of law, but the enticement often is unrecognized until it's too late.

### Fatal Hiding Place

Probably the most publicized attractive nuisance is the abandoned refrigerator. Few objects are as appealing to a young child as those that offer a place to hide. Although deaths in discarded refrigerators have decreased due to nationwide warnings and redesign of door closures, children are still dying in older refrigerators and freezers because people fail to remove doors or otherwise render them harmless.

Another child-tempter is the unlocked

car, especially hazardous if it is left on a sloping driveway. Even a small child has the strength to move a gearshift lever into neutral and let a car roll into the street.

### Unattended Mower

An attractive nuisance that wasn't dreamed of in Minnesota 100 years ago is the unattended power mower. Few small children have the strength or know-how to start a gasoline mower. But they don't have to. Adults very conveniently leave mowers running while they attend to other matters.

Even if it's just to empty a bag of clippings or answer the phone, it may be long enough for a child to be severely hurt. If you must leave the mower to get a tool or empty the bag, shut off the power. If you are reluctant because the mower is hard to start, get it tuned.

A young child does not have the experience or judgment to foresee that tools, appliances and chemicals can cause injury.

His curiosity and his natural desire to explore will lead him into many dangerous places. Consider the garage door left open.

A garage often is a virtual treasure-trove of tools, paints, and household chemicals. In 1970 more than a hundred children under five died as a result of poisoning by paint, varnish, fertilizer and pesticides.

A lucky Park Forest, Illinois, father tells how even luckier kids got into his garage, found highways warning flares, and lit them behind his home. Fortunately, no one was hurt and no damage was done.

A garage, garden shed or other out-building frequently is a catchall for all sorts of odds and ends. If you have boxes, a trunk or chest stored in such places, make sure that they have been emptied of anything harmful.

Two young boys in Louisiana discovered old rifle cartridges in the drawer of a chest stored in their grandfather's shed. They tried to explode one by hitting it with a hammer. The explosion sent part of a shattered casing into one of the boys.

Two young children in New York State didn't even have to go into a garage or shed to find trouble. Their mother found them munching white, rice-like grain they

had picked up on a neighbor's porch. It was rat poison. The two youngsters survived after their stomachs were pumped.

Half-finished projects often provide a dangerous playground for small children. An open bag of cement looks like white sand to a child. The caustic lime has burned the eyes of many children. Never walk away from a job without checking to see if hazards have been left behind.

A likely time for mishaps involving attractive nuisances is the lunch break. A typical script reads: Lunch time. Homeowner leaves ladder leaning against house. Neighbor boy sees it. Boy climbs up ladder. He falls.

Young children love to imitate. A child who has watched an adult operate a power tool can be expected to try it himself if given the opportunity. Tools should always be unplugged and put away after use.

Remember this variation of Murphy's law: Something that a child can get into, a child will get into.

### Study team reviews officials' reports

Officials on the campuses and within the central administration have reviewed the findings of the staff compensation study and have submitted reports to the study team.

Lynn Churchill, manager, wage and salary, said the study team would read the reports and then meet with persons involved in the review in order to discuss their comments and questions before final recommendations are presented to the University Cabinet.

Churchill said the review by the campuses and the central administration had taken longer than was expected, but that the final report would be completed in time for the May meeting of the University Cabinet.

## Studio Theatre: a small 'Theatre for the Few'

The small seating capacity of the Studio Theatre, located in the basement of Gentry Hall, isn't the only reason for its billing as a "Theatre for the Few," according to Director David L. Jorns.

Jorns, an assistant professor of speech and dramatic arts, explains that the phrase also describes the fact that many of the productions feature modern plays not generally familiar to the theatre-going public.

"Modern theatre often demands different staging techniques such as theatre in the round and environmental theatre," Jorns points out. "This kind of theatre cannot be adapted to a proscenium stage. Studio Theatre allows us to perform experimental works or work in an experimental manner."

A total of \$7,100 in grants from the Missouri Students Association and the Task Force on Undergraduate Education has provided the three-year-old theatre with necessary lighting equipment, dimmer board and minor building alterations.

Approximately 3,500 people attended the Studio Theatre's 10 plays this year. Plans for the 1976-77 academic year call for an addition of two plays to the schedule.

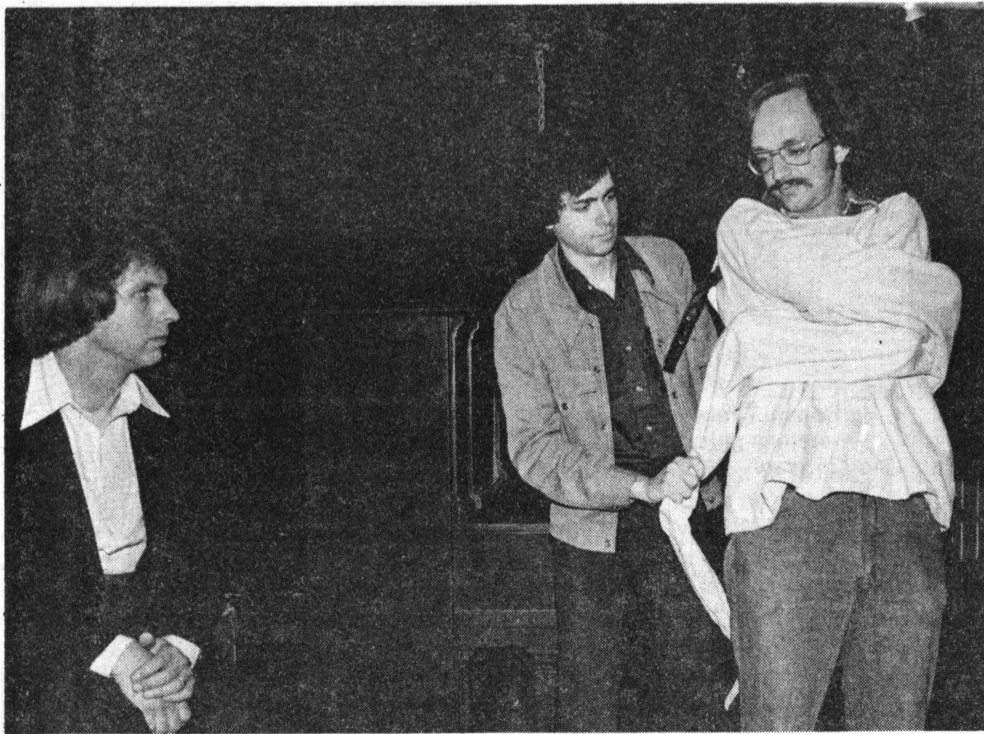
Jorns says the low cost of the productions (\$50 each on the average) "lessens the pressure to please the audience and frees us to do the kind of theatre we need to learn."

Most productions are cast, acted,

directed and produced by students, according to Jorns. "Studio Theatre gives students an opportunity to direct as well as act—they are in charge of rounding up people, props and even doing their own lighting."

"We really aren't interested in training actors," Jorns explains. "Our main function is to turn out people with an appreciation for the art of theatre who may want to practice it in their lives."

The growth of community theatres is an



HOW ABOUT A LITTLE TIGHTER?? (l to r) Studio Theatre Director David Jorns supervises students Tom Williams and Tom Hellie in "strait-jacketing techniques" for production of "Hamlet."

indication that people want to do drama as "a means of growth," according to Jorns. Both community and studio theatres concentrate on "direct, meaningful forms of theatre."

Sixteen students have already signed up for the 12 directing slots available next year. The popularity of the positions may result in some screening procedures, according to Jorns.

During the past three years, Studio Theatre performances have been free. Although this may change next year to a minimal charge to defray costs, Jorns hopes that the theatre will never become a money-making proposition.

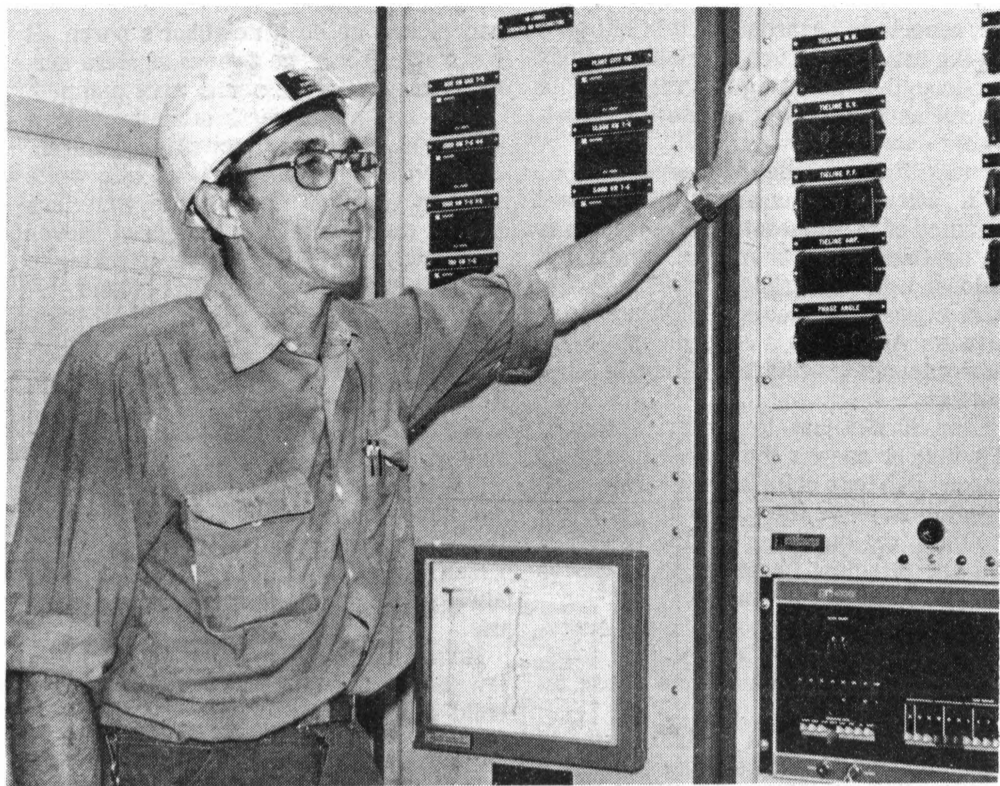
"The largest percentage of theatre hasn't been predicated on the idea of gain," Jorns notes. "Most of the modern, progressive theatre has been written out of a sense of need."

Theatre for business reasons tends to get "flat," according to Jorns, who foresees a definite trend back to theatre which is done mainly for artistic values, studio theatres being examples of this.

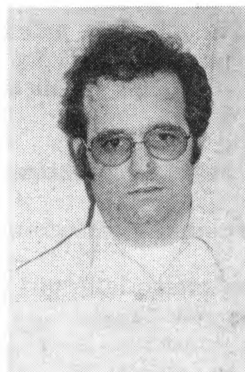
The advantage for the audience is that Studio Theatre productions give "a feeling of being very immediate," Jorns summarizes. "The work is usually done in an unexpected manner and tends to be more exciting because you are seated within an inch of the actors."

If you attend a Studio Theatre performance, don't be surprised if that seat is on the floor!

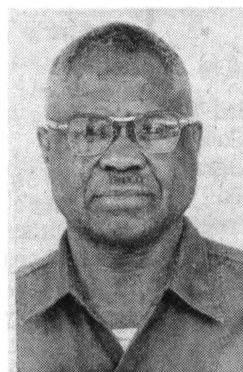
# Physical Plant Service Awards



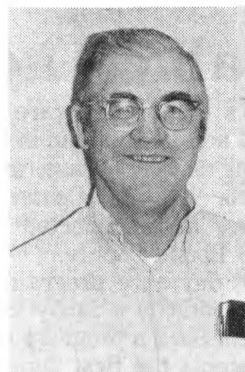
Joseph Bell, a foreman at the Power Plant, has received his 25-year pin.



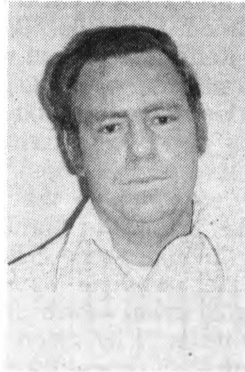
**Cable Barnes**  
Chief Draftsman  
10 years



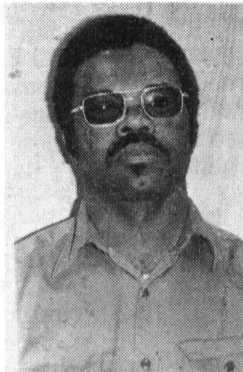
**David Boone**  
Janitor  
15 years



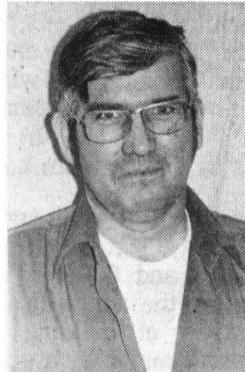
**James Crane**  
Assistant foreman  
20 years



**Lonnie Crane**  
Refrig. Mechanic  
10 years



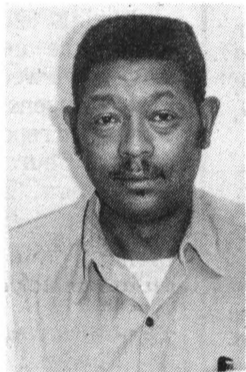
**Leon Grant**  
Equipment Operator  
15 years



**Cecil Gromer**  
Mover  
10 years



**Harold Hartman**  
Roofer  
10 years



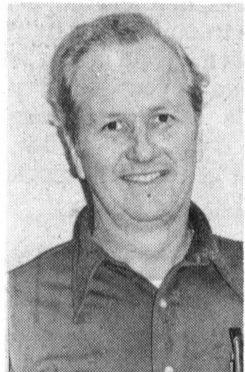
**John R. Kelly**  
Janitor  
10 years



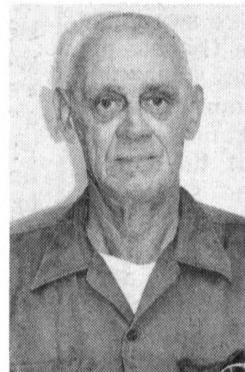
**Wayne Latty**  
Lead Watchman  
10 years



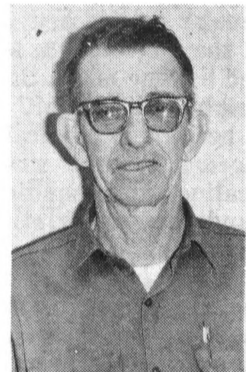
**Wallace Lee**  
Janitor  
20 years



**Lemuel C. Maddox**  
Sup. N-Tech. Trades  
20 years



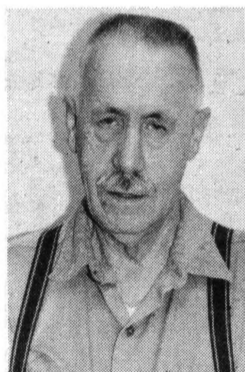
**Leonard Perkins**  
Janitor  
10 years



**Stanley Poe**  
Lead Window/  
Wall Washer  
20 years



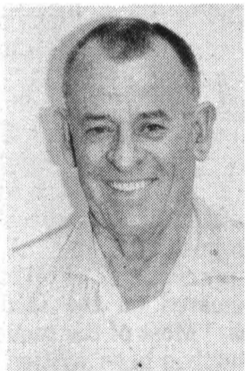
**Elmer Rhine**  
Janitor  
10 years



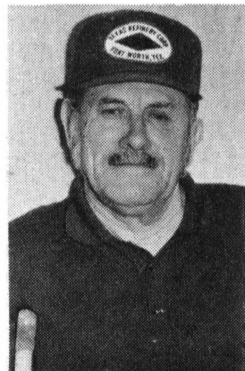
**Victor Rogers**  
Janitor  
20 years



**George Smith, Jr.**  
Mason-Tuckpointer  
10 years



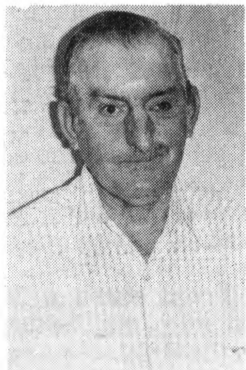
**Kenneth B. Thomas**  
15 years



**Turner V. Thornton**  
Mason-Tuckpointer  
10 years



**Ronald Turner**  
Foreman-plumbing  
25 years



**Clifford H. Wells**  
Groundsman  
15 years

## Twelve complete five years

The following Physical Plant employees have been awarded their five year service award pins:

groundsman; Roy Schooler, janitor; Mary Murdock, janitor;

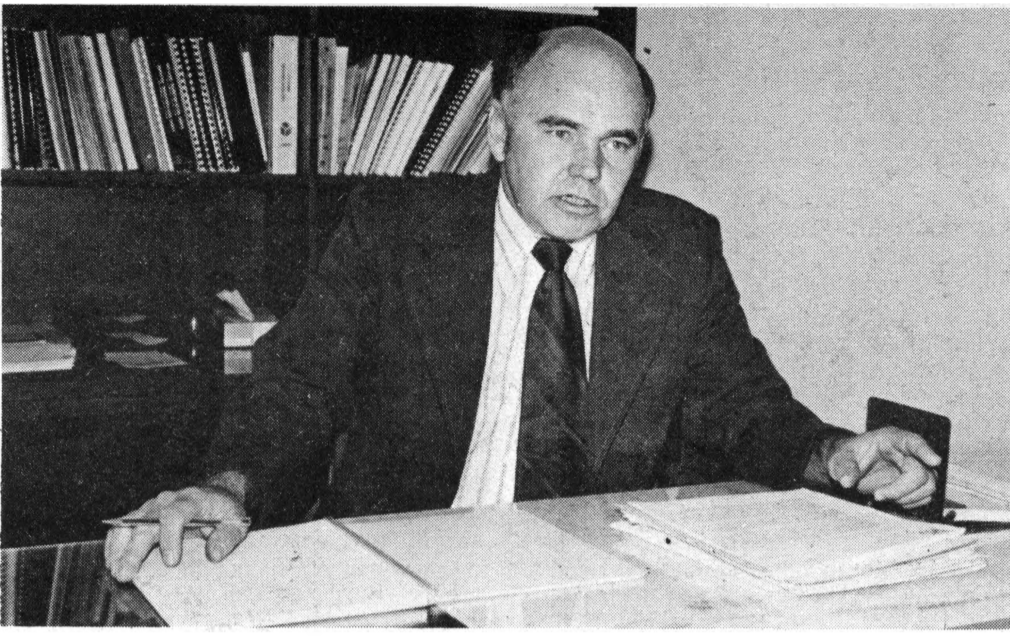
Kenneth Heath, janitor; Gary Palmer, janitor; Dorothy Ray, janitor; John Thiessen, carpenter apprentice; Eugene K. Apon, houseman; Lester Bealmear, draftsman.

Nora Stapleton, janitor; Jesse Chick, night watchman; Danny Bright, Jr., window-wall washer; Lenze Jackman,

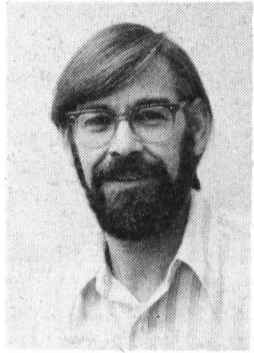


Joseph McKinstry, Power Plant leadman, has completed 30 years on the job.

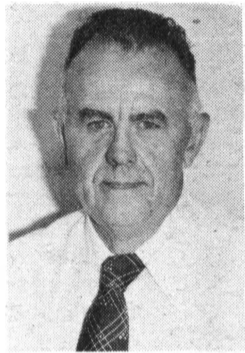
# Service Awards



Emmett Klinkerman, business officer, recently received a 25-year pin.



Jimmie Brechbuhler  
Laboratory Technician  
Food Science  
15 years



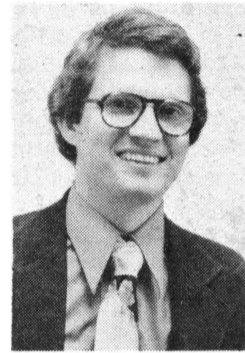
Thomas N. Easley  
Ass't. Director  
Financial Aid  
10 years



Carl Gerding  
Farm Worker II  
Holstein Farm  
10 years



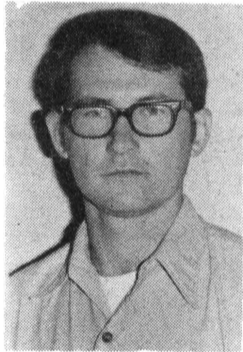
Sarah Hickam  
Chief Clerk  
University Police  
10 years



Kenneth Hutchinson  
Employe Relations  
Personnel Services  
10 years



Vel Marchand  
Manager  
Internal Auditing  
10 years



David Peeler  
Machinist Welder  
Research Reactor  
10 years



Doris Dean Schmocker  
Clerk  
University Bookstore  
10 years



Melva Sexton  
Clerk II  
Business Management  
15 years

Not pictured here but also receiving service awards are: Ollie Robinson, assistant director of purchasing, office of business management, 25 years;

Harold N. Franke, aircraft pilot, office of business management, 15 years; Ruby Arndt, accounting clerk, dormitories, 15 years; Walter Ray Sanderson, supervisor, agriculture research, 15 years;

Glenn Welson Frink, parts man, agriculture, 10 years; Earl Eugene

Barrett, laboratory manager, Dalton Research Center, 10 years; Pauline Warfield, food service worker I, dormitories, 10 years;

Andrew Lee Buchanan, farm worker I, agriculture, 10 years; Clarence Kuhn, routeman II, office of business management, 10 years; Judi Morris, senior keypunch operator, office of research, 10 years.

## Employes receive service pins

The following employes have received their five year service award pins:

Carmen Miles food service worker III, dormitories; Christina Kay Scherer, stenographer, veterinary medicine dean's office; Gussie Lee Mead, farm worker I, agriculture;

Janet Lea Shackelford, secretary, office of provost for administration; Joyce May Elrod, laboratory technician, agriculture; Tom Harvey Hathaway, patrolman, University Police;

Dalton Joseph Savoy, patrolman,

University Police; Helen M. Knowles, food service worker II, Memorial Union; Frances L. Malloy, senior fiscal analyst, Graduate School;

Evelyn M. Pali, administrative assistant, office of the president; Susan Elizabeth Burns, fiscal assistant, office of vice-president for finance and treasurer; Betty Jean Tolson, secretary, coop extension service; Stephen Lee Brandow, machinist, office of research.

Buford Baber, associate director, financial aids and assistant to the dean.

## Professor praises UMC employe in recent letter to supervisor

(Editor's note: Hazel Johnson was a food service worker II who ran the snack bar at Lewis and Clark Halls. Johnson recently accepted a position outside the University.)

30 APRIL 1976

Kenneth Applegate  
Manager of Food Services  
N10 Memorial Union  
University of Missouri-Columbia

Dear Mr. Applegate:

We will very sorely miss Hazel Johnson.

She was a superior employee in every way.

Her work was excellent. She was thoroughly conscientious and dependable. In addition she has a very special personal quality; when she was assisting you she made you feel that you were the most important person in the world. She will be very sorely missed.

As a customer and a friend, I want Hazel to know that we will miss her very much. We hope Hazel will hurry back!

Fondly,  
Barry L. Levin, Ph.D.  
Professor

## Obituaries

Robert G. Baumgartner, locker room attendant, died March 25. He retired Nov. 31, 1975.

Earl R. Calvin, farm worker II, died April 19. He retired Dec. 7, 1971.

John C. Chrisman, janitor, died March 2. He retired Dec. 29, 1972.

Hubert O. Croft, consultant, died March 27. He retired Aug. 31, 1966.

Robert Long, assistant foreman, died

Feb. 27. He had worked at the University since March 16, 1970.

Gershon P. McCubbin, janitor, died March 27. He had worked at the University since Feb. 21, 1972.

Franklin W. King, animal technician, died March 30. He retired Sept. 13, 1973.

John R. Taylor, assistant to the director of insurance and risk management, died April 30. He had worked for the University since June 19, 1969.

## Agriculture's recruiting activity experiences 20% rise over '75

Recruiting activity is up 20 percent this year in the College of Agriculture placement office, says director Randy Johnson.

The college has received listings of more than 570 different employment opportunities for agricultural graduates this year, Johnson said. This is an increase of more than 15 percent from 1975.

Indications from recent job offers given to upcoming May 1976 graduates show an expected increase of 7 to 10 percent in this year's starting salaries, he said.

A recent survey of 14 Midwestern Land-Grant universities, including UMC, showed that average starting salaries increased 6.9 percent from 1974 to 1975 for agriculture graduates.

The survey also revealed that 1.7 jobs are available for each agricultural graduate, Johnson said. Agribusiness,

farming and vocational agricultural education are the areas with the greatest demand for graduates, the survey showed.

Private industry claimed the largest percentage of 1975 agricultural graduates, with 30 percent. However, farming and professional farm management continued a recent trend of employing more graduates with 21.6 percent in 1975, compared to 14 percent in 1971. Graduate study accounted for nearly 18 percent.

Participating in the survey were Illinois, Iowa State, Kansas State, Lincoln, Michigan State, Minnesota, Missouri, Nebraska, North Dakota, Ohio State, Purdue, South Dakota State, Southern Illinois and Wisconsin universities.

Participating universities reported on placement of 1975 graduates and estimated job prospects and salaries for 1976 graduates.

# Curator comments on Affirmative Action plan

(Editor's note: Each of the four campus chancellors at the April 30 Board of Curators meeting gave progress reports on recruitment and retention of minority students. Curator Howard Woods acknowledged that progress had been made, but he called for a more sensitive understanding of the problem.)

There comes a time in the lives of men — and I use that expression generically — when one is called upon to address oneself to issues or tasks that beg attention.

I, for one, do not feel that appointment to this Board is nothing more than the responsibility to serve the people of this state and the best interests of the University. I do not believe that any one of us should be here to serve any special interests. Yet I feel that the appointing officer has to take into consideration more than geographic location in making his choices. The diversity of opinion, interests and background helps in making this Board somewhat representative of the people of this state. It is in this context that I address myself to the question of "racism" on the campus of the University of Missouri. Permit me to explain, that seldom, if ever do I use that expression. I refrain from using it because I personally feel that the term stirs emotions, fails to explain its deeper meaning and, in substance, provides an amorphous impediment, especially to young blacks. But

the sad fact is that "racism" does exist, and it is present in our society where it does irreparable harm to its fabric.

I have been asked if I am satisfied with the Affirmative Action Plan as submitted to HEW. I have heard the argument that the presence of Black boys on the field during the gridiron season is proof positive that things cannot be all that bad. It is this kind of logic that is the crux of the issue before us today. Institutional racism is a state of being; an attitude rooted in rationale; a custom of habit that defies change and a conscious approach to a problem where the subconscious becomes the dominant solution to it.

Throughout my years on this Board I have prodded, nudged and chided, ever so gently, though persistently on this question. I have done so in my responsibility as a member of this Board with certain insights, not necessarily available to the rest of you. I have done so because of my respect for this institution and the admiration I have for the people who work to complete its mission. Yet I must say that there has been evidence of the problem we have before us. The protestations of the Legion of Black Collegians, as responsible a group of college students found anywhere; the summary resignation of Douglass Tate, denied tenure by his colleagues, were contributing eruptions of the deeper issue. Some of you may recall that at one point, I

placed before this Board the offer of the Urban League of St. Louis and Kansas City as well as the offices of the regional director of the NAACP to constructively assist this institution in its objective of true democracy. This offer was made with the full knowledge that it is not enough to write a platform, or even recruit faculty and students from a minority community. Industry has learned that there has to be supportive programs to allow for adjustment on the part of all concerned.

This support may take the form of on-campus seminars handled by experts in this field; a realistic examination of attitudes and programs to see if they are compatible with today's living. We need to find the answers to what has been called

the revolving door syndrome that stifles efforts to recruit and hold minority students. I make these suggestions in the spirit of constructive suggestion and I would hope that this board recognizes the full import of what I have said.

In an era when black people no longer feel that they are on the agenda of the national mission, it becomes imperative that institutions of higher education take the lead in providing hope and faith to all young people.

May I thank you for indulging me in this matter, but it is one of serious import. We are all people of good purpose, but there is a saying that all it takes for evil to triumph in this world is for enough good people to do nothing. Thank you.

## UMC design students construct full-sized child's playhouse

Building a child's playhouse has given freshman design students a chance to work on a full-sized project.

Richard Helmick's Design II classes constructed an eight-foot square playhouse for the children of Pon Chinn, another member of the housing and interior design staff of the College of Home Economics.

The client chose his favorite design from small models submitted by some 40 students in the two freshman classes.

After constructing playhouse sections in the design laboratory across from Stanley Gallery, students put the playhouse

together on the grounds of their client.

Advantages of the full-scale construction for the class Helmick points out, are working with what he calls "noble" materials, such as boards and paneling instead of bits of balsa wood, and learning about mechanical stresses and principles of design.

A disadvantage Helmick has found is the difficulty of keeping 20 students in each class busy on the one building project at the same time. The group found it necessary to schedule the sequence of construction, another aspect of design for housing.

## Kellogg grant boosts support of family medicine program

Expansion of the family medicine program of the School of Medicine has been assured through financial support by the W. K. Kellogg Foundation of Battle Creek, Mich.

A \$615,310 grant was approved to expand team (physician-nurse) health care delivery in central Missouri, to enhance a family-oriented system of preventive medicine and illness care, and to expand a model of rural health care delivery through satellite programs.

Jack M. Colwill, head of the family practice residency program and associate dean of the Medical School, is project director. The grant covers a four-year period which began April 1976.

"We feel that efficient, effective delivery of comprehensive health-oriented, family-centered primary care

can best be carried out through the partnership of a physician and a nurse practitioner," Colwill says. "We plan to demonstrate to our trainees that a team approach to health delivery is more comprehensive than that provided by a physician alone."

Plans call for a training program for nurse practitioners — registered nurses with additional skills in common medical problems and health maintenance. Through this role the nurse can work in partnership with a physician.

The Medical School's family medicine program provides care now in two facilities: a Family Medical Care Center in Columbia and the Callaway Family Medical Care Center in Fulton. Working alongside senior faculty members, resident physicians gain experience in each setting.

## Housing center opens in Read Hall

Students will get an early boost in finding housing this fall with the opening of the Off-Campus Housing Center, 7 Read Hall.

A \$5,500 project funded by the business office and the office of the vice chancellor for student affairs, the center will be a vehicle for soliciting housing and transmitting that information to students.

The center will have two fulltime student staff members through the first half of July and four fulltime student staff members through its closing Sept. 3. It will operate from 8 a.m. to 5 p.m. weekdays and possibly half-days on Saturdays as the fall semester approaches.

UMC officials have tentative expectations of an enrollment increase of one to two per cent in the fall. Don Graham, associate director of housing, said applications for on-campus housing are running well ahead of last year's.

On March 31, Chancellor Herbert W.

Schooling appointed a committee of two students, a representative from the Center for Student Life and two housing officers to make recommendations on off-campus housing. The committee recommended establishing a temporary center.

The University residence halls have space for 6,198 students, and there are 360 married student apartments. As of April 28, Graham said his office had received 6,362 applications for housing in the University-owned residence halls. At the same time last year, his office had 5,710 applications.

However, Graham noted that last year more than 1,000 students cancelled applications by Aug. 15.

Students living in residence halls this semester who submitted renewal applications by April 5 are assured residence hall rooms for the fall semester, Graham said. Other room vacancies are being filled on a first-come, first-served basis.



THIS ISN'T CHILD'S PLAY . . . (l to r) design students Chris Link, Susan Walker, Sue Harris, Dina Hummel and Nancy Scott work on playhouse.

## Insurance coverage changes due at Staff Benefits June 30

Employees enrolled in the University's Accidental Death and Dismemberment Plan may change the amount of their coverage during the month of June, according to Leroy Sharp, supervisor of staff benefits.

Sharp said employees should turn in completed enrollment cards with any revisions on or before June 30 to the Staff Benefits Office, 307 Hitt St.

Cards are available upon request. Contact Staff Benefits at 882-3683.

**CAMPUS COLUMNS**  
**University of Missouri**  
**223 Jesse Hall**  
**Columbia, Mo. 65201**

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# campus columns

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 7, No. 9

Wed., June 23, 1976

## Work-study money okayed for upcoming school year

UMC has been allocated \$786,099 for the college work-study program during the approaching school year, according to George Brooks, director of student financial aids. The funds were provided by the U. S. Office of Education.

Brooks said that the total is more than \$100,000 below expenditures for work-study during the last school year. His office is attempting to have the allocation increased, as it did a year ago, and anticipates receiving additional funds at midterm from unused allocations at other institutions.

"The Congress has allocated more funds for the work-study program, but more institutions and more students are eligible

to utilize the money," Brooks said. "Accordingly, our share of the total is smaller."

Brooks said that off-campus work-study programs were cancelled for the 1976 summer months, and he hopes to save the new allocation for distribution to work-study students when the 1976 fall term opens in August.

Brooks said that his office also has been allocated \$639,713 for educational opportunity grants — down about \$50,000 from last year — and will receive \$675,247 in new funds for national direct student loans to augment approximately \$1 million in repayments of previous loans that become available for new loans.

## UMC ranks in top 5 per cent for alumni contributions

UMC ranks in the top five per cent in annual giving by alumni and is eligible for the final round of judging in a contest of the Council for the Advancement and Support of Education.

### Med Center changes patient listing policy

A listing of patients admitted to the Medical Center will no longer be automatically released.

Joe S. Greathouse, Jr., director of University Hospital, says it is becoming increasingly evident through legislation that the public desires greater privacy in their daily lives, and "we believe that patients at the hospital have the right to privacy unless they choose to inform the public about their admittance to the hospital."

Policy concerning issuance of condition reports will remain unchanged. Information concerning births, deaths, accidents, police matters, etc. will remain unchanged.

John W. Sweeney, director of Development Fund, said that the contest is supported by the U. S. Steel Alumni Giving Incentive Awards program to recognize institutions with significant commitment to encourage private support of education. Some \$50,000 in awards are offered, with \$10,000 going to the winner.

UMC qualified for the finals among all colleges and universities on its 1974-75 annual giving program. During that year 94,774 alumni were solicited and 10,277 became donors, contributing \$721,508, an average of \$70.21. Total alumni support through all channels during the year was \$989,448, with the largest gift at \$64,000.

Sweeney said that major UMC efforts during the year centered on funds for the new alumni building, increasing the memberships in the \$10,000 and up Jefferson Club, raising funds to recruit national merit scholars to campus, and the Columns Club solicitation for minimum gifts of \$100 and up.

"We are proud of all of our alumni, and particularly of those who made this national recognition of UMC possible," Sweeney said.

### Hayes study to be submitted soon

A final report and recommendations on the findings of the classification and compensation salary study of University administrative and professional staff will be submitted to the University Cabinet in July, according to Lynn Churchill, manager of wage and salary.

Churchill said that the study team has received reports from officials on the campuses and within central administration who were given the

study's findings for review. The team returned its final recommendations to the campuses last week.

The study, which is conducted by the Chicago-based consulting firm Robert H. Hayes and Associates Inc., and the University, began May, 1975. Some 1,300 exempt University employees filled out an 11-page questionnaire on their jobs at that time.

## Released funds tagged for equipment, repair

Interim President James C. Olson announced that the University will move quickly to utilize the \$3.58 million in previously withheld state appropriations which were released recently by Gov. Christopher S. Bond.

He said the funds will be used primarily for such purposes as purchase of library books, laboratory equipment, research apparatus, teaching materials and other items of equipment and repair related to the University's educational mission.

Olson explained that the funds cannot be used for salary and wage adjustments since the original reductions were in the equipment purchase and repair categories.

Expressing appreciation for release of the funds, (three per cent of the 1975-76 appropriation), Olson said the funds will be allocated back to the four campuses and the central administration units on the basis of reductions made when the withholding was put into force last year.

Olson said the University office of vice president for finance and treasurer has contacted campus business officers and vice presidents to assist in coordinating use of the funds.

Since the funds were appropriated for use in the 1975-75 fiscal year, they must be

expended or encumbered before July 1, Olson said.

Also included in the released funds are \$33,750 for the Missouri renal disease program and \$2,765 for the Missouri State Historical Society. Withheld funds for the Missouri Institute of Psychiatry have not yet been acted upon.

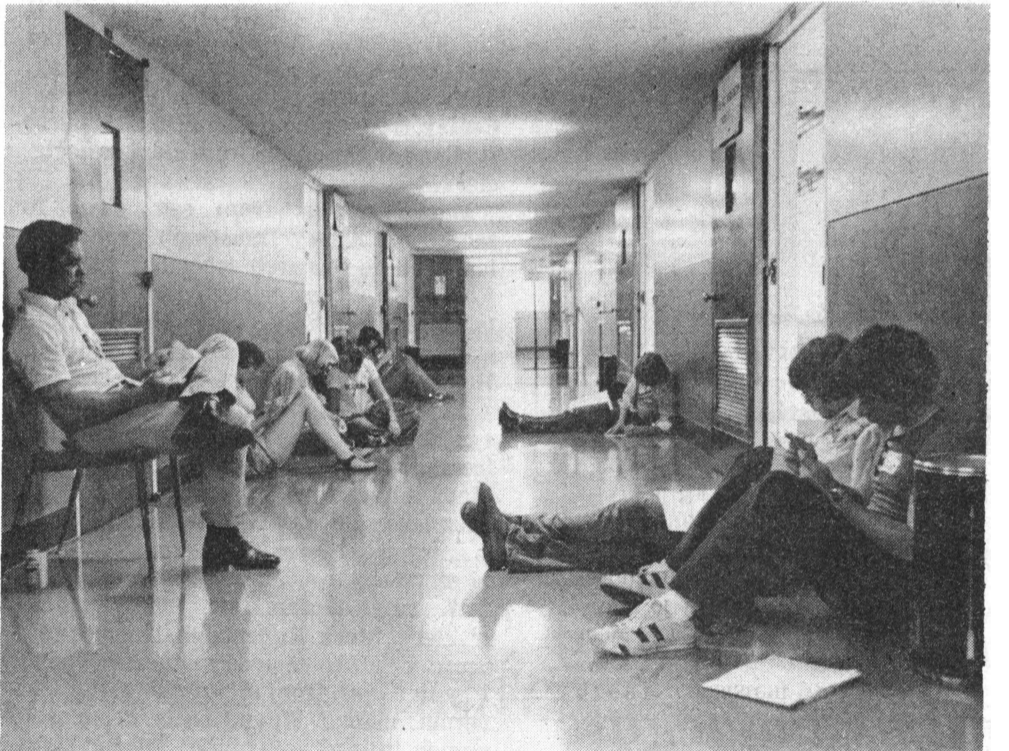
### Campus takes steps to assign funds

The Columbia campus is pleased to receive the full allocation of state funds for the current fiscal year, according to the chancellor's office.

The chancellor and his staff are planning steps to insure expenditure of the funds consistent with advance planning. Deans and directors earlier were asked to withhold spending of three per cent of their budget in anticipation of withholding of state funds. At the same time they were requested to determine priorities if the three per cent were restored.

With the funds restored, the administrators will re-examine priorities in determining how the allocated funds will be utilized.

## Summer Welcome '76



**WAITING FOR ADVISEMENT . . . participants in Summer Welcome '76 go over course schedules prior to individual advisement in the Memorial Union. More than 400 new students and their parents have attended the program which began June 13. During their two-day visit, students take placement tests, receive advisement from academic divisions and complete registration. Seventeen sessions have been scheduled through July 14.**

## Program receives major grants

A total of almost \$2 million in federal grants will be used by the newly-established Missouri Cancer Programs, Inc. to develop "a unique state-wide approach to cancer prevention, detection, treatment and research."

UMC is one of seven Missouri institutions which belong to Missouri Cancer Programs, Inc. The other members are the Cancer Research Center in Columbia, Ellis Fischel State Cancer Hospital, St. Louis University, Kirksville College of Osteopathic Medicine, Kansas City College of Osteopathic Medicine and UMKC.

John W. Yarbo, chairman of the UMC department of oncology, will serve as

executive director of the newly-formed non-profit corporation. Joseph M. White, UMC provost for health affairs, will also serve on the 12-member Board of Trustees.

MCP will be responsible for coordinating research and training efforts of the seven founding institutions. The grant funds came from the National Cancer Institute.

At a recent press conference, Gov. Christopher Bond said he was pleased at "the spirit of cooperation of these institutions in coordinating their efforts to improve cancer detection, cancer treatment and research in Missouri."



*Educational Assistance*

# Five employes earn degrees via program



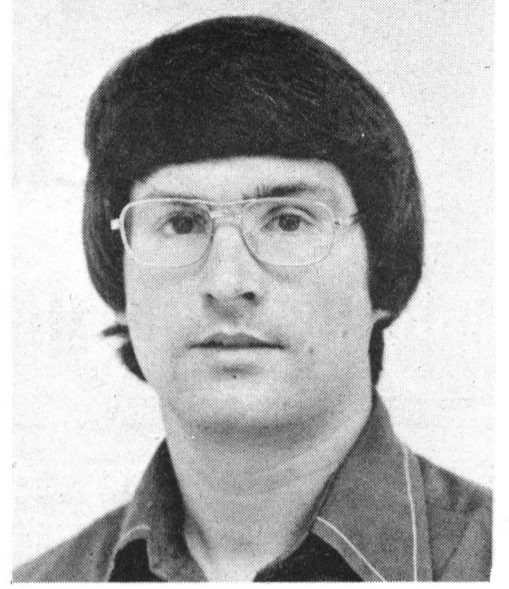
**William Hoff**  
Assistant to the Dean  
Extension Division  
Ed.D.



**Nancy Bean**  
Graduate Instructor  
Education  
Ed.D.



**John Mikrut, Jr.**  
Labor Education Specialist  
Labor Education  
Ed.D.



**Doug Wolfersberger**  
Assistant Director  
Campus Computing Center  
MBA



**Duane H. McDonald**  
Conference Coordinator  
Extension Division  
Masters, Education

## *Journalism prof named delegate to conference*

A UMC professor will be one of 10 U. S. delegates to the First Philippine-American Communication Conference in the Philippines this summer.

John C. Merrill of the School of Journalism will present a paper on "Korzybskian Semantics and Buddhism: Philosophical Parallels" at the conference which will be held in Manila and Quezon City from July 28-Aug. 3.

The Philippines conference is sponsored by the International Communications Association (U.S.) and three universities in the Philippines.

Following the conference, Merrill will give lectures and hold seminars with students, journalists, and journalism educators in South Korea, Indonesia, and Malaysia. The lecture series is sponsored by the U. S. Information Agency.

Merrill, a specialist in international communications and foreign media systems, has lectured in about 50 countries in the last decade under State Department and USIA auspices.

Pamela Adami, from accounting clerk to sr. acctg. clerk; Marilyn Adams, from graduate nurse to staff nurse II; Sharon Bachmann, from clerk to clerk II; Judy Baker, from sec. steno to secretary; Barbara Bishop, from graduate nurse to staff nurse II.

Mary Ann Broadus, from clerk typist II to sr. clerk; Laura Buckler, from secretary to sr. secretary; Alida Chaney, from staff nurse I to head nurse; Paul Conley, from graduate nurse to staff nurse II; Cynthia Davidson, from clerk to acctg. clerk.

Mary Dawson, from sec. steno to secretary; Nancy Dunscomb, from reg. lab. tech. to research specialist; Mildred Eddington, from switchboard oper. to telecommunication; Paul Griffs, from watchman to lead watchman; Thelma Halbert, from secretary to sr. secretary.

Janice Hayes, from food service worker I to food serv. wkr. II; Sarah H'Doubler, from graduate nurse to staff nurse II; Mary Hemminger, from sr. clerk to asst. book buyer; Peggy Hill, from clerk typist to secretary; Susan Hoerl, from sec. steno to secretary.

Wendalyn Jensen, from clerk typist II to sr. clerk; Merle Kallenbach, from switchboard oper. to telecommunication opr.; Phyllis Klaus, from sr. admin. asst. to sr. admin. assoc.; Wayne Latty, from watchman to lead watchman; Donna Long, from clerk typist II to sr. clerk.

Joan McDonald, from graduate nurse to staff nurse II; Janet McPheeters, from graduate nurse to staff nurse II; Beverly Neal, from sec. steno to sr. clerk typist; Carol Nichols, from cashier to receptionist II; Joann Nichols, from library clerk I to library clerk II.

Velva Nichols, from laboratory tech. to sr. lab. tech.; Sheree Oldvader from stenographer to sec. steno; Melva Pinkerton, from sec. steno to composition typist; Donald Quinn, from driver to lead campus; Judith Reustle, from stenographer to sr. acctg. clerk.

Paul Rowley, from watchman to lead watchman; Linda Sapp, from sr. secretary to admin. secretary; Emmett Sappington, from electrician to lead electrician; Mary Sheller, from stenographer to sec. steno; Mary A. Stewart, from staff nurse I to staff dev. coord.

Patricia Tatum, from food service worker I to food serv. wkr. II; Karen Taylor, from keypunch opr. to sr. keypunch opr.; Lee Ann Taylor, from secretary to admin. secretary; Jenila Tunnell, from sec. steno to secretary;

Catherine Vaughn, from clerk typist to clerk typist II.

Betty Wefenstette, from clerk II to sr. clerk; Carol Wilson, from sr. transcript clerk to chief clerk; Elizabeth Windisch, from stenographer to secretary; Alice Wooten, from graduate nurse to staff nurse II; Catherine Zade, from sec. steno to secretary.

Hallie Colvin, from addressograph opr. to chief clerk; Mona Kaufman, from secretary to admin. secretary; Vicki Panethiere, from personnel assistant to sr. personnel asst.; Joni Sapp, from clerk typist to composition coder tr.; Vencil D. Snell, from storeroom clerk to meat processor; M. Franklin St. Clair, from janitor to groundsman II; Van Allen Warrick, from tabulating mach. opr. to computer opr.

Kristine Beal, from sec. steno to secretary; Geraldine Bellamy, from supv. payroll budget mc to sr. admin. asst.; Christina Brown, from secretary to sr. secretary; Norma Castleman, from stenographer to sec. steno.; Judith Cavecy, from laboratory tech. to sr. research tech.

Sally Coats, from sec. stenographer to secretary; Sandra Coleman, from clerk to clerk II; Josephine Crumly, from secretary to sr. secretary; Norah Dalzell, from keypunch operator to sr. keypunch opr.; William C. Elrod Jr., from farm worker II to agr. equip. oper. I.

Frances J. Ford, from clerk typist to accounting clerk; Barbara Green, from graduate nurse to staff nurse II; Gretchen Hart, from secretary to sr. secretary; Nancy Hubbard, from secretary steno. to secretary; Alma Inscore, from sec. steno. to secretary.

Nettie Key, from clerk to clerk II; Wayne Lamm, from research technician to sr. research tech.; Linda Lamping, from clerk to receptionist II; Mary B. Leicht, from secretary to sr. secretary; Ruth McCown, from sec. steno. to secretary.

Mary McCune, from sec. steno. to secretary; Marjorie Nathe, from secretary to sr. secretary; Linda O'Connor, from sec. steno. to secretary; Cheresia Pierceall, from clerk typist to sec. steno.; Michael Prewitt, from cert. resp. therapy tech. to reg. reg. respr. ther. tech.

Margaret Randolph, from conference asst. to asst. conf. coord.; Roger W. Sapp, from asst. supv. security to supv. safety-security mc; Kathleen Schallert, from secretary to sr. secretary; Patricia Schreiber, from sec. steno. to secretary;

Kerry Schroepel, from sec. steno. to secretary.

Philip Schocklee, from draftsman to estimator; Martha Smith, from cook to food serv. atnd. IV; Ola Mae Taggart, from sr. secretary to admin. secretary; Larry Taylor, from asst. mgr. acctg. to manager accounting; Jonathon Thomas, from janitor to power plant tr. I.

Susan Vogt, from secretary to sr. secretary; Catherine Wang, from computer programmer to systems analyst; Victoria Watts, from laboratory tech. to sr. lab. tech.; Mary K. Wauthier, from radiologic tech. to chief radiation ther. tech.; Judy Wilson, from secretary to sr. secretary.

Alan Yount, from library clerk I to library asst. I; Ellen Cleeton, from sec. steno. to secretary; Anna J. Coats, from layout pager to graphic layout spec.; Mary Enns, from sr. comp. oper., cent. facility to computer document spec.; Irvin Glendening, from animal tech. to animal tech. II.

Rose Hulén, from layout pager to graphic layout spec.; Diane Jenkins, from clerk typist II to sec. steno.; David Mahoney, from sr. systems analyst to asst. director; Joni Sapp, from clerk typist to composition coder tr.; Terry Smith, from janitor to stores clerk; Ruby Teel, from layout pager to graphic layout spec.

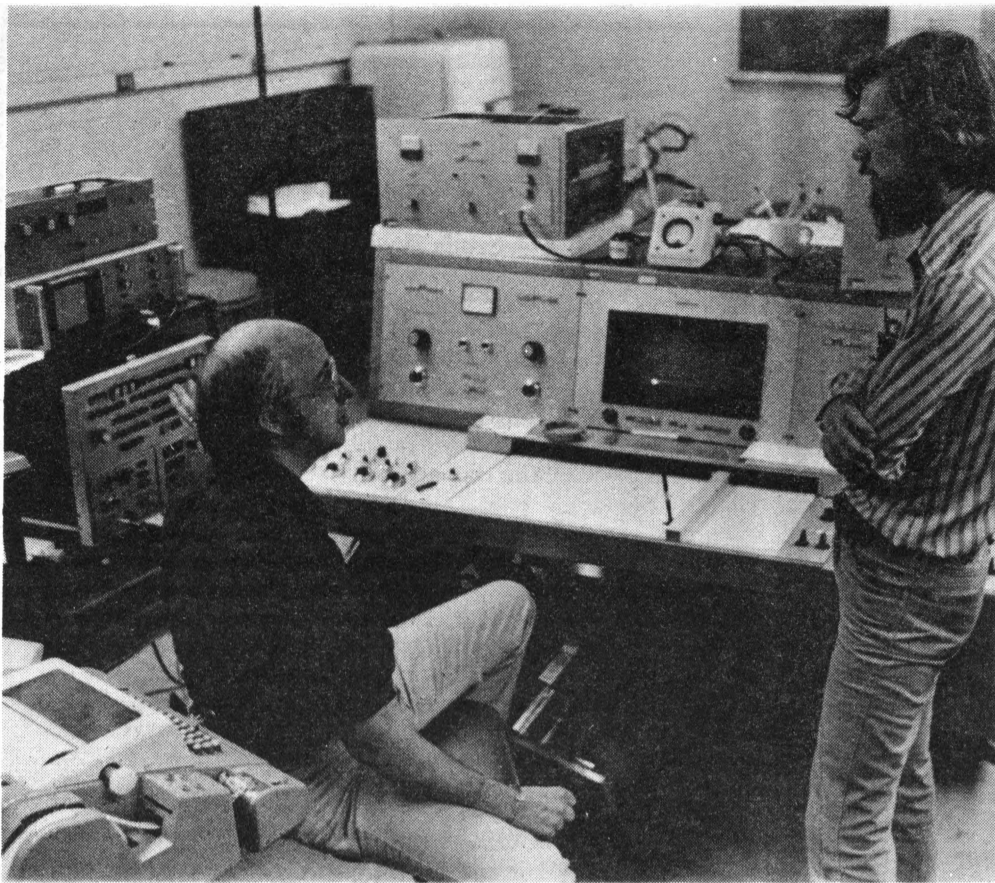
### CAMPUS COLUMNS

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For change of address, obtain W-4 Form from departmental office, fill out entirely, and send to Payroll Office, 16 Jesse Hall. Editor: Anne D. Robinson

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An Equal Opportunity Institution

# The nuclear spectrometer: peering into the cell's life



Richard Loeppkey explains the complicated instrumentation of the spectrometer to a student. Before him is the console which controls the operation of the spectrometer.

When scientists investigate smaller and smaller objects, the instruments they use seem to get larger and larger. Microscopes are a good example: the larger the microscopes, the smaller the objects which can be seen. The same can be said of spectrometers.

Most spectrometers are optical instruments designed to measure the absorption of light or other substances. The nuclear resonance spectrometer used by Richard Loeppkey, associate professor of chemistry, measures the radio frequency absorption of the nucleus of the atom when placed in a strong magnetic field. With careful and complicated analysis, the spectrometer in the basement of the chemistry building can reveal the shape and structure of organic molecules.

"It's really opened a new field," Loeppkey says, speaking of the spectrometer. "While before, we were able to study molecules in gases or crystals, this instrument enables us to study molecular structure in a liquid state."

Because of its characteristic magnetic "moment" or requirement of magnetic resonance, carbon atoms may be detected and singled out in a long molecular chain

regular carbon 12 atoms, helping to pinpoint the position of the reactions and to determine the shape of the molecule.

Methadone is another research topic which interests Loeppkey. Specifically, Loeppkey has been trying to find out why morphine and methadone, which have two differently shaped molecules, cause similar reactions in the body.

"It has been suspected that the methadone molecule curls into a ring like morphine," Loeppkey says, indicating that consequently the body would identify and react to methadone as though it were morphine. "With the spectrometer, we have been able to confirm that in certain solutions methadone does take on the characteristic shape of morphine."

The spectrometer is composed of several separate modules whose activities are monitored by a computer. The solution under examination is placed between the poles of a large magnet which weighs more than two tons. A separate refrigeration and pumping unit are required to keep the right amount of water circulating at the proper temperature around the magnet for the proper magnetic force.

**"With the spectrometer, we have been able to confirm that in certain solutions methadone does take on the characteristic shape of morphine."**

by the spectrometer. The instrument calculates the various resonance levels of the substance being studied and graphs the results on an oscilloscope. The peaks of the graphs correspond to the carbon atoms in the solution, indicating the structure of the molecule.

One of the many projects Loeppkey uses the instrument for is the study of the shape and structure of transfer ribonucleic acid (tRNA), a project he has worked in conjunction with Paul Agris, associate professor of biology. This molecule, which takes its commands directly from the genetic material in the cell (DNA), directs the construction of the proteins in the body which are essential to life.

The carbon atoms in the tRNA are used to help identify the structural changes during the process of protein building. Loeppkey uses a non-radioactive isotope of carbon (carbon 13) to help trace the activities of the tRNA. The carbon isotope stands out in greater detail than the

Special electrical transmitters, described by Loeppkey as "the size of small radio stations," obtain the proper radio frequencies for the material being studied. A large console, which directs the manipulation of the other parts of the instruments, graphs the results of the tests. The computer hooked to the spectrometer can perform other mathematical operations to filter out noise or other interrupting messages.

Besides the work done in the chemistry department here, the spectrometer has been called on by researchers in nearby institutions for other types of research. Loeppkey is very excited about the possibilities opened by the spectrometer. "This is really basic kinds of research," he says. He is currently awaiting word on a grant proposal to study the process involved in converting harmless chemicals into carcinogens, which he hopes will increase understanding of the development of cancer.

## Safety news and views:

# Summer driving tips

Whether it's a trip to see the Bicentennial sights, a short visit to a lake, or just trips in and around Columbia, UMC employees will be on the road this summer.

Unfortunately road hazards don't disappear with the advent of summer weather. Stay alert to these common summertime driving problems which can arise when you are driving on unfamiliar roads:

- Use low beam headlights while driving through fog. High beams reflect off the fog into the driver's eyes.
- Although hot highways add to the heat build-up in tires, don't lower the tire pressure to compensate for this fact as this is dangerous especially at high speeds.
- Check the speedometer frequently after exiting from an interstate. Many people lose the ability to judge speeds after traveling at high speed for some time.
- Familiarize yourself with new pavement markings and road signs.
- Know where you want to turn so that

you can signal in time. Watch out for intersections. Statistics show that one third of all traffic accidents and about 40 percent of all urban accidents occur at intersections.

Ever since two lane roads were established, drivers have been making turns from the wrong lane. Watch out for this common error. Be prepared for oncoming vehicles which might turn either direction from a lane.

Watch for pedestrians caught in the middle of a light change or trying to cross a street, light or no light. Always yield the right-of-way to pedestrians.

Keep a lookout for vehicles on cross streets where right turns on red lights are permitted. At intersections controlled by traffic signals, watch out for drivers who try to sneak through yellow lights.

Negotiating intersections properly requires advance planning. Avoid last-second decisions; slow down as you approach intersections and always get into proper position early and signal intentions.

# News & Notes

Robert Berry, assistant manager of the University Bookstore, recently received a management survey certificate from the National Association of College Stores.

The management survey is designed to assist store personnel in acquiring knowledge of fundamentals through detailed consideration of the overall store operations.

★★★★

James O. Pierce, director of the Environmental Trace Substances Center, has accepted an invitation to serve as chairman of the Safety and Occupational Health Study Section of the National Institute for Occupational Safety and Health.

During his two-year term which begins July 1, Pierce will head a group of 16 scientists meeting quarterly to review and make recommendations on research and training grant proposals.

Under federal law all national institutes must have outside advisory groups to review proposals and to make site visits,

when necessary, to organizations seeking federal funds for research or training purposes. Persons serving on such committees are further required to be without conflict of interest i.e., from non-profit organizations.

★★★★

Interim president James C. Olson, is the narrator in UM motion picture, "What Is A Professor?"

At the time he narrated the UM film describing the roles and activities of university faculty, Olson was chancellor of UM's Kansas City campus. The Board of Curators named him interim president, effective June 1, following the resignation of C. Brice Ratchford as president.

"What Is A Professor?" is a 16mm, 20-minute, color motion picture which has been seen by alumni clubs and civic and service organizations throughout Missouri. It was released late last year. The film is available, without charge, to any group through University Information Services, 400 Lewis Hall.

# Dialogue

**Q: Is there a deadline for filing a medical claim?**

**A:** You may go back as far as 1970 in filing past claims, however it is wise to file a claim after the charges have reached a reasonable amount above the deductible. Please save periodic prescription charges (after the deductible has been met) to send in five or six at a time.

—Leroy Sharp  
supervisor  
Staff Benefits

**Q: Why does it take the University 10 days to notify the Mizzou Employees Credit Union of employe deposits? I am madder than a hornet whose nest has been invaded.**

I had (yes had) some money taken out of my paycheck each pay period to be deposited in my credit union account. Falling short of cash early this month I went to the credit union to take a few dollars out of my account. Forsooth, I found that the credit union considered my account nearly penniless — or as one popular commercial has it today, "un-

derdeposited." I was told that my deposit wasn't received until the tenth of the month.

I told the credit union to cancel my membership! It seems to me that if the University can send our paychecks to the local banks on time without a hassle being created that the same thing could be done with the employe's credit union.

**A:** A member's payroll deduction is posted to his account on the tenth of each month. The funds from the payroll deduction are available to the member as soon as we receive a payroll deduction listing from the University indicating the amount deducted from each member's pay check. This listing is normally received between the seventh and tenth of the month. This policy is followed because a member can go off the payroll deduction without our knowledge and his/her being on payroll deduction one month does not guarantee he/she will be on it the following month.

—Karl Guettler  
manager  
Credit Union



**ACADEMIC SCHEDULE**

July 2: First four-week session closes, 5 p.m.  
 July 6: Second four-week session registration.  
 July 6: Second four-week session classwork begins, 7:30 a.m.

**CONFERENCES, SHORT COURSES**

Until June 30: Figure Improvement, McKee Gym.  
 June 27-30: College & University Dept. Director Management Development Institute, Campus Inn.  
 July 7-9: Missouri Extension Homemakers Conf., campus.  
 July 11-23: Graduate Institute of Cooperative Leadership.  
 July 12-23: Minority Broadcasting Workshop, campus-wide.  
 July 12-23: Urban Journalism Workshop, campus-wide.  
 July 18-22: Summer High School Cheerleaders, Pom Pom Team Clinic, Schurz Residence Hall.

July 20-25: 43rd Annual Missouri State Fire Conf., Ramada.

**DEADLINES, OTHER EVENTS**

July 6: Faculty Bulletin Deadline

**FILMS, EXHIBITS**

June 27: MSA film "Silent Running," 7 & 9:30 p.m., Middlebush Aud.  
 June 30: MSA film "The Other," 7 & 9:30 p.m., Middlebush Aud.  
 July 2: Children's Series "The One and Only, Genuine, Original Family Band," 9 p.m., University Village outside.  
 Until July 2: "Watergate: The Unmaking Of A President," exhibition in the Fine Arts Building Gallery.  
 July 3: Children's Series "The One and Only, Genuine, Original Family Band," 9 p.m., University Terrace outside.  
 July 4-23: Audubon Prints from the Missouri State Historical Society on display at Fine Arts Gallery.

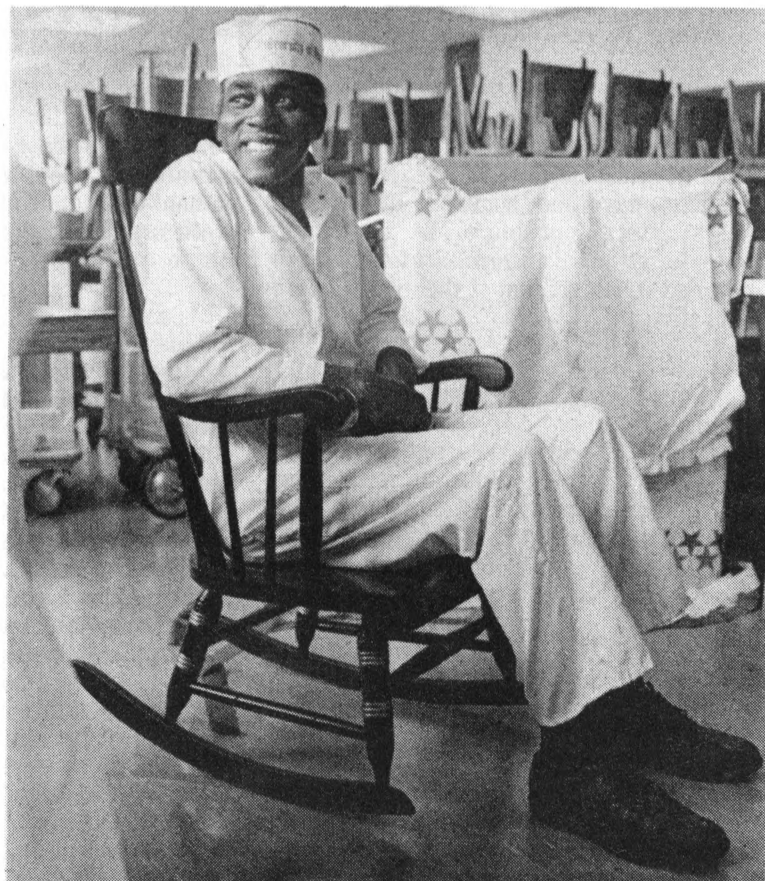
# Calendar

July 4: MSA film "Hello Dolly," 7 & 9:30 p.m., Middlebush Aud.  
 July 7: MSA film "Raisin in the Sun," 7 & 9:30 p.m., Middlebush Aud.  
 July 9-10: Children's Series "Napoleon & Samantha," 9 p.m., University Terrace outside.  
 July 11: MSA film "The Graduate," 7 & 9:30 p.m., Middlebush Aud.  
 July 14: MSA film "A New Leaf," 7 & 9:30 p.m., Middlebush Aud.  
 July 16-17: Children's Series "Summer Magic," 9 p.m., University Village outside.  
 July 18: MSA film "See No Evil," 7 & 9:30 p.m., Middlebush Aud.  
 July 21: MSA film "Culpepper Cattle Co.," 7 & 9:30 p.m., Middlebush Aud.  
 July 23-24: Children's Series "The Computer Wore Tennis Shoes" plus "Fun & Fancy Free," 9 p.m., University Terrace outside.  
 July 25: MSA film "Patton," 7 & 9:30 p.m., Middlebush Aud.

**LECTURERS, SPEAKERS**

July 1: Women's Center Lunchbag Seminar, "Professionalism As A Radicalizing Experience," noon, ground floor of Gentry Hall.  
 July 8: Women's Center Lunchbag Seminar, "Take Care Of Yourself Before Your Doctor Has To," noon, ground floor of Gentry Hall.  
 July 15: Women's Center Lunchbag Seminar, "Alcoholism And Drug Abuse As A Coping Mechanism For Women," noon, ground floor of Gentry Hall.  
 July 22: Women's Center Lunchbag Seminar, "Women And Their Fear of Sports," noon, ground floor of Gentry Hall.

## Retirements



**RETIREMENTS:** (from left to right) Frances Grant, a food service worker III in Loeb cafeteria, 30 years; Suzie Salle, food service worker IV in Johnston cafeteria, 27 years, and Manuel Douglas, a food service worker III, Central Bakery, 27 years.

*Professor studies subtle language*

# Non-verbal cues: A large part of communication

When people accuse each other of "not listening," they often mean "not looking." According to experts, the two phrases may be synonymous since an estimated half of all communication is non-verbal.

Recent interest in the subject of non-verbal communication has resulted in the publication of many colorful paperbacks which promise students of the science of "body language" everything from instant success and power to happiness.

Unfortunately, much of the information contained in these popular books is misleading, according to Mary-Jeanette Smythe, assistant professor of speech and dramatic art.

Smythe, who wrote her dissertation at Florida State University on eye contact, taught non-verbal communication as a special topics course when she joined the faculty in 1973. The course went "regular" this winter with an enrollment of 55 students.

"You simply cannot read these books and then make assumptions such as 'when people fold their arms, they aren't being open'," Smythe explains. "These things simply aren't that absolute."

Smythe points out that everyone has a basic repertoire of non-verbal communication. Only time can teach others what this repertoire is and what it means. "In addition to this, everybody has their bad days and on these days, you are likely to see some pretty erratic non-verbal communication."

The field of non-verbal communication became an organized, academic area in 1955, according to Smythe. However, references have been made to the subject since Charles Darwin's book, "The Expression of the Emotions in Man and Animals," was published in 1872.

Currently, six fields are using the research on non-verbal communication. For example, "proxemics" (the study of space) is used by architects in designing appealing waiting areas in airports and hospitals. Anthropology uses proxemics in its study of different, ancient cultures. The medical profession, according to Smythe, has become interested recently in the possibility of non-verbal cues indicating symptoms.

"There are even courses now in some law schools which deal with the subject of 'unarticulated response' as it relates to juries and witnesses," Smythe notes. She adds that studies are now being done in education to determine whether or not a teacher's non-verbal cues have an impact on students' learning.

In the field of speech communication, a course on non-verbal communication is essential, according to Smythe, because "to train a person in communication and leave out what is estimated to be 55 percent of the message would be to give an incomplete education."

The primary purpose of Smythe's course is to "sensitize students to non-verbal codes and give them skill development in this area." These non-verbal "codes" include facial cues which are a combination of the mouth, chin,



forehead and eyelids all 'working together,' according to Smythe. There are more than 30 possible eyelid movements, all of which may change in as short a time span as a millisecond.

The facial area which has the least non-verbal impact is the forehead, according to Smythe. Along with the mouth, the forehead rarely communicates more than surprise or disapproval.

"Perhaps the worst place to look for

non-verbal will result in them getting only part of the message."

"I try to structure the skill practices to provide greater insight into oneself," Smythe says. "In class I emphasize the positive ways of using non-verbal communication rather than the manipulative. I really don't want to turn out any young Machiavellis!"

Class assignments include independent observations of different non-verbal

(touching); Proxemic (space requirements) and paralinguistic (vocal phenomena such as tone of voice.).

The study of spacial requirements indicates that "we all walk around with our own little 'space bubbles' which we adjust to each situation," according to Smythe.

"Status gives us a sure reading as to the way in which individuals use space," Smythe explains. "For instance, people of high status usually have corner offices. If you try to put a high status individual out in the middle of an office, the individual will frequently have a negative response because it is a violation of his - her spacial rights."

Other codes include the "thermal code" which pertains to toleration of heat and body temperatures, and "chromemics" or time codes. "In the U. S. we have an emphasis on punctuality," Smythe points out, "so if you are late, you are making a statement of some kind. However, in other cultures such as Mexico, being late doesn't have a negative connotation."

Smythe sums up her fascination with the field by saying, "non-verbal communication is an area about which we know relatively little. There are so many questions which need to be answered."

**"... to train a person in communication and leave out what is estimated to be 55 percent of the message would be to give an incomplete education ..."**

whether or not a person is telling the truth, is the eyes," Smythe says. "Just as we have been taught to look into the eyes for the truth, we have also learned to lie very effectively with the eyes."

Smythe refers to Freud's contention that deception in one part of the body eventually "oozes out" from some other area. "Therefore, lies in the face may be cancelled by other body action," according to Smythe.

The importance of non-verbal communication is evident by recent studies which indicate that the "double bind phenomena" of sending conflicting verbal and non-verbal messages on the part of parents can contribute to childhood schizophrenia, Smythe adds.

"We take the bulk of our meanings from the non-verbal," Smythe comments. "For instance, we look at the face to see how harsh a criticism really is."

Smythe admits that there are certain liabilities in teaching a course on non-verbal communication. At the beginning of each class, she cautions her students that a knowledge of non-verbal communication "can sometimes inhibit spontaneity, and over-attentiveness to the

phenomena. Outside class projects include a weekend where voluntarily blinded students learn which sense compensates the best for sight. "Some people choose the auditory and others the sense of touch," Smythe says.

The four major non-verbal codes which we all adhere to, according to Smythe, are the kinesic codes (everything facial, postures, eye contact); tactile code

## *Assn. provides alternatives to institutional health care*

(Editor's note: the following article is part of a series written by the Columbia branch of United Way. "Campus Columns" prints the series to keep UMC employees informed about the agency's activities.)

The Columbia Visiting Nurses Association provides comprehensive home health care services under the direction of the patient's physician

on a part-time intermittent basis, to an essentially homebound person residing in Boone County, regardless of age, race, or income.

According to Mrs. Lydia Coad, R.N., Director of CVNA, the Association was begun three years ago by a group of interested nurses who recognized the tremendous savings when alternatives to institutional care were available.

	Comparison of Costs of Care		
	Columbia VNA	Boone Retirement	Hospital
Average Daily Costs	\$ 2.93	\$ 15.00	\$ 100.00
Average Monthly Costs	\$87.90	\$450.00	\$3000.00

"Our emphasis is to promote independent living for our homebound Boone County residents," said Coad. "Statistics support our belief that this is a better utilization of community resources."

This one year comparison shows that VNA has grown by leaps and bounds since its inception.

March 1975 Visits—255 Patient Census 27  
 Services Offered: Skilled Nursing, Physical Therapy, Home Health Aide  
 March 1976 Visits—880 Patient Census 99  
 Services Offered (all above): Speech Pathology, Medical Social Service, Homemaker/Chore Service

## Welcome

Peggy J. Julian, laboratory technician, Environmental Trace Substances; George A. McNames, comp. coder tr., Technical ducation Services; Midge Kellerhaus, sec. steno., M.R.M.P.; Lowell J. Renner, welder, Ag. Deans; Lois Taggart, accounting clerk, KOMU;

Gerald Ashley, janitor, Physical Plant; Dallas Sanders, janitor, Physical Plant; Michael L. Gooch, janitor, Physical Plant; Linda C. Jones, clerk typist II, Education; Betty S. Colvin, sec. steno., Alumni Activities.

Helen F. Kanatzar, sr. admin. asst., Vet. Med. Dean's Office; Candace Crabtree, sec. steno., Student Financial Aids; Randy W. Gilmore, janitor, Physical Plant; Michael J. Reagon, archaeologist I, American archaeology; Mary A. Hinshaw, accounting clerk, Accounting Services.

Barbara Patton, sec.-steno., public & community serv.; Mary L. Woodward, sec.-steno., Vet. Med.; Philip Brady, laboratory asst., Vet. Med.; Sonja S. Hill, admin. sec., Development Fund.

## Housing center needs your help

The UMC Off-Campus Housing Center needs your help to avert a student housing crisis in the fall.

Student enrollment is running one per cent ahead of last year and by mid-June the UMC Housing Office had mailed out its final confirmations for University-owned housing. The office has about 700 students on its waiting list.

If you have a spare room that can be rented out or residential units that will be available in the fall, contact the Off-Campus Housing Center, 7 Read Hall, 882-7859. The center is open from 8 a.m. to 5 p.m. Monday through Friday, including the lunch hour, and from 9 a.m. until noon Saturdays.

Housing owners are required to sign a statement that they will not discriminate on the basis of race, creed, color, religion or national origin.

## UMC program helps people exercise

Summer seems to be the best time of year for many people to begin a regular exercise program. For those contemplating such a venture this year, "Fitness for Living," may be an excellent way to start.

An individually prescribed and closely supervised physical activity program for adults, "Fitness for Living," is open to all interested participants who have medical clearances from their doctors.

Purpose of the program is to provide people with a "proper beginning for an individualized exercise program and commitment to a group when necessary," according to Ben R. Londeree, associate professor of health and physical education.

Participants are tested in the Human Performance Laboratory prior to receiving an exercise "prescription." All exercises are based on the results of the tests which include an ECG monitored, graded treadmill exercise and an estimation of per cent of fat.

Supervised exercises are conducted in two staggered, one hour classes which begin at 6:30 a.m. and 7 a.m. Mondays, Wednesdays and Fridays in Brewer Fieldhouse.

Londeree said that classes, which meet 52 weeks a year, emphasize special exercises, walking, jogging, stationary cycling and/or weight exercises.

The program is sponsored jointly by the department of health and physical education, College of Education and conferences and short courses. Registration fee is \$50 for testing and three months of classes.

For additional information and requests for the medical exam form, call 882-6892.

## Horticulturalist offers advice to vacationing 'plant lovers'

Vacations often pose a problem to persons with "green thumbs." Ray Rothenberger, an extension horticulturalist, offers the following advice to those who cannot find someone to "babysit" their plants while they are away:

- Water plants thoroughly and allow pots to drain for at least one or two hours. Slip each pot into a roomy plastic bag and close the bag over the tops of the plants. This method will keep your plants moist during your absence.

- If you turn off air-conditioning to conserve energy and cost while on

## Drawings, cloth featured in museum shows

A selection of 20 Italian Baroque drawings and an exhibit titled "Textiles Through Two Millennia" will be on display in the Museum of Art and Archaeology's galleries on the fourth floor of Ellis Library through the end of August.

The Baroque drawings of pen and ink, chalk, or a combination of the two, are from the Museum's permanent collection. The display shows the divergent artistic styles of the 16th and 17th centuries in Rome, Bologna and Venice. The drawings were used as sketches for the composition of paintings and large wall and ceiling decorations.

The textile exhibit, selected from the Museum's permanent collection, contains items which vary in date from the 4th century B.C. to the 20th century. Specimens, which cover a wide range of countries from pre-Columbian America to recent China and Japan, include a Kashmir shawl, Sumatran sarong and a Japanese silk brocade hanging from the Imperial Palace in Tokyo.

The Museum is open from 2 to 5 p.m. daily. All exhibits are free.



"Study for Kneeling Nun," a Milanese drawing, is part of the Museum's summer exhibit.

## Library lists Summer Session hours

Ellis Library hours during the Summer Session will be shortened for circulation and reserve service on Fridays and Saturdays. During intersession, the library will be closed on Sundays.

The library will be closed on Sunday, July 4. The building will open for regular Monday hours on July 5, but with limited reference service. Closing of the library at the end of the Summer Session is 5 p.m., July 30, with circulation and reserve service closing at 4:50 p.m.

Books may not be checked out after the circulation desk closes. The

Undergraduate Library closes when its desk for reserve books closes.

Summer hours are as follows:

**Monday—Thursday:**  
7:30 a.m. to 11 p.m.; circulation and reserve closing at 10:50 p.m.

**Friday:**  
7:30 a.m. to 5 p.m.; circulation and reserve closing at 4:50 p.m.

**Saturday:**  
8 a.m. to 5 p.m.; circulation and reserve closing at 11:50 p.m.

**Sunday:**  
2 to 11 p.m. circulation and reserve closing at 10:50 p.m.

Intersession hours will run from July 31 through Aug. 24 as follows:

**Monday—Friday**  
8 a.m. to 5 p.m.; circulation and reserve closing at 4:50 p.m.

**Saturday**  
8 a.m. to noon; circulation and reserve closing at 11:50 a.m.

**Sunday**  
Library closed

The regular fall schedule will resume on Aug. 25.

## Slide-tape programs available for loan

"Missouri—Its Land and Its People" is the title of a new slide-tape program now available for loan from the Extension Division.

Produced by Joseph Meisner, an agricultural economist, the program consists of 127 slides with a sound track of both music and narrative. It runs 23 minutes.

"Tracing the unfolding of Missouri from its early days of the trader and trapper, the conestoga wagon and the steamboat, the story moves on through the agricultural revolution," Meisner said.

"From the early homesteads to the role of teaching, research and extension of the land-grant college system, the program shows the rise of agricultural mechanization and specialization.

"The growing gap separating consumer from farmer is illustrated by the rise of the food processing sector. Abundance of food in the U. S. is contrasted to shortages in the Andes and in Africa.

"Finally, issues are raised about our own heritage as we face a changing world of growing concern over food supplies and energy needs," Meisner said.

Slides come already arranged in carousel for immediate use, he said. Sound track comes on both cassette and reel-to-reel. A written script is included to cue the projectionist.

The program, designed for general audiences, is available for preview or for showings. Advance notice is requested.

### Holiday scheduled

University employes will have an opportunity to celebrate the Fourth of July in style this Bicentennial year!

All offices will be closed Monday, July 5. Arrangements will be made to carry on essential services.

## Management Institute aids participants' decision-making

The enhancement of participants' decision-making capabilities is the primary objective of a College and University Department Director Management Development Institute June 27 to 30 at Campus Inn.

The program, which is part of a three-year series, is sponsored by the College of Business and Public Administration, Extension Division and Central Administration Employment Training.

Session topics include "Time Management," "The Administrative Functions of the Department Director" and "Leadership Styles."

Institute faculty members include

Earl A. Cecil, assistant dean of B&PA; Donald S. Holm, Jr., assistant vice president for finance; Raymond W. Lansford, director of educational services, B&PA; James R. Olson, chairman, department of economics and finance, Millikin University; Kenneth J. Roering, associate professor of marketing; Don R. Webb, professor of marketing and Donald Zick, manager of Employee Training and Development.

Enrollment fee of \$185 covers tuition, binders, handouts and all program meals. For additional information contact Lansford at 882-6681.



**Artie Fisher has worked at UMC 25 years. She is an administrative associate in the Dean of Agriculture's Office.**

# Service Awards



**Nancy Blodgett  
Sr. Clerk Typist  
Office of Bus. Mngmt.  
10 years**



**Rita Bonney  
Chief Acctng. Clerk  
Office of Research  
10 years**



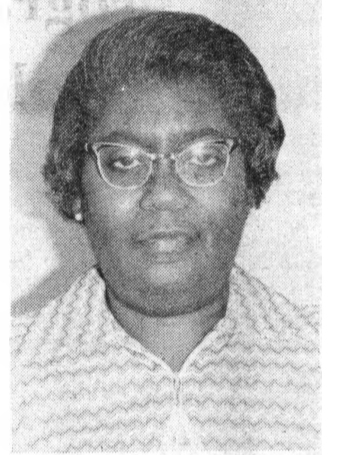
**James W. Crane Sr.  
Janitor  
Physical Plant  
20 years**



**L. R. Eddington  
Lab Storekeeper  
Chemistry  
15 years**



**Rose Green  
Janitor  
Physical Plant  
10 years**



**Ora Hannibal  
Clerk  
Agriculture economics  
10 years**



**Jennifer Johnmeyer  
Secretary Stenographer  
Agriculture Engineering  
10 years**



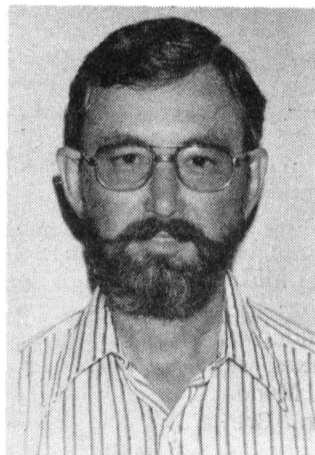
**Margie J. Kamp  
Administrative Secretary  
Office of Research  
10 years**



**Lou Maxwell  
Lead Janitor  
Physical Plant  
20 years**



**Beverly McGee  
Secretary  
Sociology  
10 years**



**Ralph Pendergast  
Licensed TV Engineer  
KOMU  
10 years**



**Albert Taylor  
Plumber  
Dormitories  
10 years**

## Sixteen employes qualify for five-year pins

The following employes have been with the University five years:

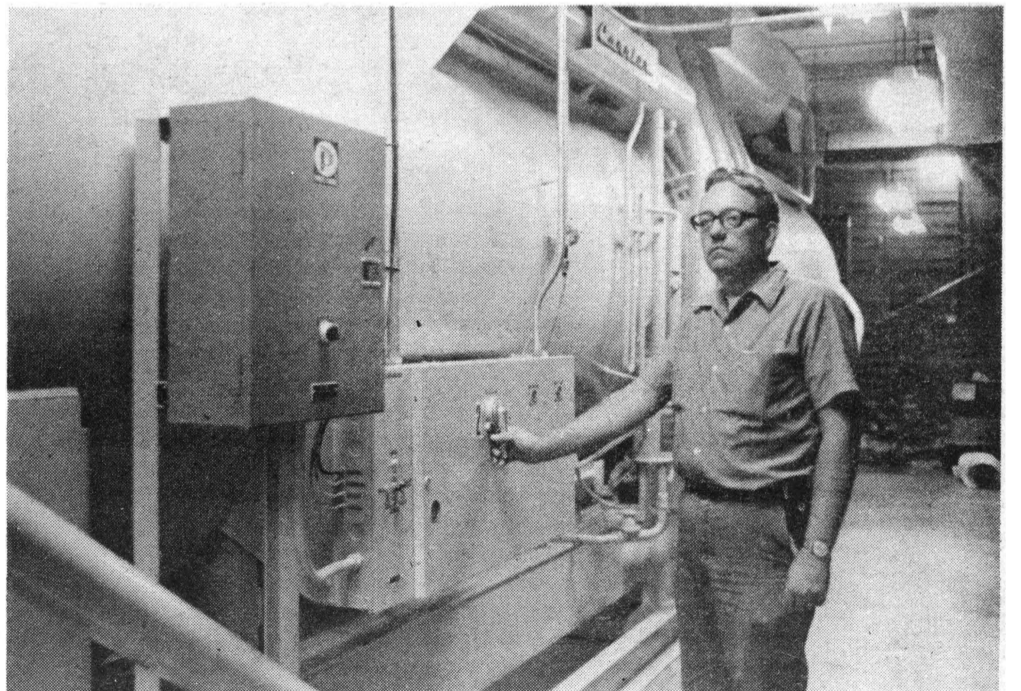
Cecelia B. Latham, senior research technician, child health; Leo Davis Robinson, physician, student health service; Lynn Milon Jenison, assistant dean, vice chancellor for student affairs; Julia Elnora Geibel, assistant to the registrar, registrar and admissions;

Charles Porter Isaacson, police sergeant, university police; Mary Ann Canton, secretary, student financial aids; John Herbert Coutts, research specialist, agronomy; Sharon Ann Kohl, laboratory

assistant, biological sciences;

Janet Lou Burnett, senior research technician, Dalton Research Center; Allen Jordan Slaughter, patrolman, university police; Alice Ward, academic advisor, graduate school; Kristy Lear, secretary, intercollegiate athletics;

Robert Becker Briscoe, auditor, office of vice president for finance and treasurer; Larry Stephen Nelson, senior systems analyst, office of research; Susan Bryan Aasen, senior laboratory technician, office of research; Pamela Branson Stubbs, senior secretary, office of vice president for finance and treasurer.



**Bill Thornton adjusts air conditioning at Hearn's Multipurpose Building. Thornton has worked for 25 years for the University and is now the lead mechanical tradesman at Hearn's.**

## Famous drama critic-playwright to speak July 15

Albert Bermel, judge for Obie and Tony awards and author of numerous books and plays, will be the third "drama critic in residence" at the special dramatic criticism course being offered during the Summer Session.

Bermel will give a public lecture at 8 p.m., Thursday, July 15 in the small ballroom at Memorial Union as well as conduct classes July 12-15.

Bermel, who held a Guggenheim fellowship in playwriting in 1965-66, is a theorist and working critic and winner of

the George G. Nathan award for drama criticism. He is a member of the faculty of City University of New York.

His credits include seven books, seven full-length plays, the movie screenplay "Run", as well as television shows, theater reviews and some 30 essays and criticisms. He has been a visiting professor at Rutgers University and the Juilliard School and a guest lecturer at Yale, Chicago, New York, and Wisconsin Universities.

In the past 12 years Bermel has written

some 130 essays-reviews for "The New Leader," and some 30 other articles on theater, film, literature and social and political topics for many periodicals including "Harper's," "New Republic," and

the "Drama Review."

The drama criticism course will present Hobe Morrison, critic for "Variety," the Bible of show business, as the final visiting lecturer July 26-28.

## Doyle explains University policy on medical research with dogs

Dogs are an important part of research efforts at the University and many are purchased each year. The process by which they are purchased, however, is carefully controlled.

Recent claims that dognappers have sold stolen animals to the University are unfounded, according to Richard Doyle, director of the Laboratory Animal Medicine department at UMC.

"Federal law specifies only three places where we can get dogs," Doyle said. "From a licensed dealer, a municipal pound, or by donations from people."

Doyle estimates that about 65 per cent of the dogs used in experiments at the University come from municipal pounds around the state. The pounds are required to keep the dogs five days before they may be sold.

Dealers supplying dogs for research purposes must be registered with the U. S. Department of Agriculture and must keep adequate records on the origins of the dogs.

Donations constitute an insignificant amount of dogs used in the research. "We get maybe two or three donations a year," Doyle said, "but we don't encourage them."

Immediately following the purchase, the dogs are sent to the laboratory animal center in Research Park for treatment and inspection. Sick animals are nursed back to good health. All dogs remain at the Center at least one month to insure that they are free of disease prior to research.

"The Center probably takes better care of the dogs than many pet owners," said Doyle, who owns two dogs himself.

Most of the dogs are used in experiments related to hypertension. Some 15 different investigations are currently under way in that area. Other research using dogs concerns heart attacks, kidney transplants and gastric ulcers.

"We keep a complete open door policy," Doyle stressed. "Anybody who wants to can come in and look things over here."

## Summer Repertory opens with 'Joey,' 'Wilderness'

The box office for the 1976 Summer Repertory season has opened. Single performance and season tickets are available for the Rodgers and Hart musical "Pal Joey" which opens July 1, the Eugene O'Neill classic family comedy "Ah, Wilderness!" which premieres July 2, and the first successful American play "The Contrast" which opens July 3.

The three plays will continue in repertory through July 29 with each play presented eight times. All productions will

be staged at the University Theatre in the Fine Arts Building beginning at 8 p.m. nightly except Sunday.

Tickets for "Ah Wilderness!" and "The Contrast" are \$2.50, and tickets for "Pal Joey" are \$3. Season tickets may be purchased for \$6.

The box office is located in the lobby of the theatre on Hitt Street. Ticket hours are 12:30 to 5:30 p.m. Monday through Saturday and after 6:30 p.m. on performance nights.



Rehearsing for the Repertory Theatre's production of "The Contrast" by Royall Tyler (left to right) are Tina Sobin, Carolyn Kennedy and Kathy Waters. The play opens July 3.

## The plant that grew . . .



Andrew Minor, associate dean of the Graduate School, seems able to ignore the giant diffebachia growing in his office. The eight-year-old plant is 12 feet high and has a stem with a three inch diameter.

## UM Press publishes two new books

The University of Missouri Press has published two new books, one dealing with the exploitation of Oklahoma's Indian tribes and another which provides a history of one of the most distinguished of the Spanish-language periodicals.

"The Corporation and the Indian: Tribal Sovereignty and Industrial Civilization in Indian Territory, 1865-1907" was written by H. Craig Miner, an associate professor of history at Wichita State University.

The book examines the rise of the American business corporation and the demise of Indian sovereignty. The volume is available from University Press at a cost of \$11.

Vernon A. Chamberlin, a University of Kansas professor of Spanish and Portuguese and Ivan A. Schulman, University of Florida graduate research professor of Latin American literature, are the authors of "La Revista Ilustrada de Nueva York: History, Anthology, and Index of Literary Selections."

Authors of the book include brief essays on the major contributors, indexes of the literary materials of every known issue and selections from the magazine which was widely circulated in the 1880s and 1890s.

"La Revista" is available for \$16.50.

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