

CAMPUS COLUMNS

Family Issue

University of Missouri-Columbia Sept. 15, 1978

Vol. 10, No. 1

They can! Because Family Day is Oct. 14.



You're all invited.

Family Day, an annual event scheduled for Saturday, Oct. 14, is for families of all UMC students, from the newly arrived freshman to the veteran graduate student. The welcome mats will be out all over campus, making it an ideal time for friends and relatives to take a close-up view of the University. Plan on making the trip. Here's what's been planned for you so far.

Registration for the day begins 8:30 a.m. in the Memorial Union Main Lounge, followed by a reception. There operators at the computer-assisted UMC Information Station will help obtain answers to questions about campus courses, achievements and financial aid. Counseling Services will provide information on career planning and placement.

A special entertaining and informative lecture by Dr. William "Mack" Jones, UMC English professor and Shakespeare scholar, is set for 10 a.m. in Jesse Auditorium.

And for a preview of what's to come at halftime of the Missouri-Iowa State game, visitors may want to look in on rehearsals of Marching Mizzou at 11 a.m. in Jesse Auditorium, just after Dr. Jones' lecture.

Schools, colleges and living units are planning open houses and special programs. These are listed on page three.

Football comes up in the afternoon with Missouri facing Iowa State at 1:30 p.m. Tickets are available from the Athletic Office, 258 Hearnes Building, UMC, Columbia 65211. Tickets can be ordered by mail; cost is \$8.50 for each ticket, plus \$1 handling charge.

Missouri's football game against Iowa State isn't the only sports event of the day, however. The UMC women's tennis team will play Nebraska and Wichita State Universities at 9 a.m. on the courts south of the Hearnes Building. At 10 a.m. the women's field hockey team will play alumni at Stephens Field.

For those who prefer to remain on central campus, most museums and places of interest plan to extend their hours on Family Day to accommodate UMC guests. Their schedules are as follows:

Botany Greenhouses and Herbarium, Tucker Hall off Hitt Street, 9 a.m. to noon.

Stanley Hall Gallery, first floor of Stanley Hall, center of white campus, 9 a.m. to 11:30 a.m.

Museum of Art and Archaeology, second floor, Art History and Archaeology Building, 10 a.m. to 5 p.m. with tours at 10:30 a.m., 11:30 a.m. and 2:30 p.m.

Fine Arts Gallery, Fine Arts Building, 10 a.m. to 3 p.m.

Museum of Anthropology, Room 100, Swallow Hall, 1 to 4:30 p.m.

A message to families from the Chancellor

Having come to the campus just this summer, I can understand what students are experiencing in their first weeks at the University of Missouri-Columbia — and I'd like you to find out too. The UMC faculty and staff join with me in inviting you to become a part of your student's discoveries on Family Day, Saturday, Oct. 14. We would like you to see our programs firsthand, and we hope that Family Day will offer you an insight into our University.

Although UMC students may not realize the scope of their decision to pursue a higher education, they are making an investment that will have impact on the rest of their lives.

Universities are best known for preparing individuals to take their places in the nation's job market. An equally important function is to produce individuals who have acquired a greater sense of self and a greater willingness to understand the world around them.

Studies have shown that college attendance exerts a significant influence throughout a person's adult life on his or her community participation. College alumni are more likely to vote. They are more involved in political affairs. Most of all, they acquire a favorable

predisposition to learning. They are more apt to continue with adult education than those who have never been exposed to college situations.

But is this personal growth worth the tax investment residents make to maintain a university?

I think it is. The University does more than teach. About one-fifth of faculty time and about one-third of current expenditures of universities are devoted to research and public service. This includes research in the natural sciences, such as the development of Kastrin, a chemical which will sterilize male animals through a single injection, by Dr. Fahim, professor of obstetrics and gynecology. It includes research into social studies, such as the Center for Aging Studies under UMC's College of Public and Community Services, which is working to develop our limited knowledge of the aging process.

Extension specialists provide Missourians with agricultural assistance, youth and handicapped services, and offer training and technical assistance to towns and businesses.

But perhaps the most important public service function is UMC's maintenance of a large pool of faculty talent available to



Barbara S. Uehling

Missourians for consultation in virtually every facet of life.

Higher education also impacts on the quality of life here. Besides education, the University provides recreation and cultural activities: dramatic and musical performances, libraries, museum exhibits, recreational facilities, broadcasting services and spectator sports.

Missouri professionals are trained here — lawyers, doctors, farmers and musicians, journalists and businessmen.

While at UMC, they often donate their skills free of charge to the community through internships, and then often continue to live in Missouri, using their expertise to better the lives of everyone.

As you watch your own student grow during his or her college experience and beyond, you will see the benefits of the investment.

Sincerely,
Barbara S. Uehling

Future rosy for 1978 freshmen

Alarmists have made dire predictions for higher education. They point to supposedly long lines of unemployed college graduates. But placement directors at the University of Missouri-Columbia beg to differ.

They say that job seekers with UMC degrees are finding jobs, at ever improving salaries, and that prospects look good for the 1978 entering freshman class.

Placement directors do offer one word of caution for those students with interests in social sciences or a broad education. Liberal arts graduates without job experience are finding it tough. Along with a liberal education some job-oriented studies or work are advisable.

Here's the way some UMC placement directors and college administrators, viewing the job market from an economic standpoint, look at future prospects in their fields.

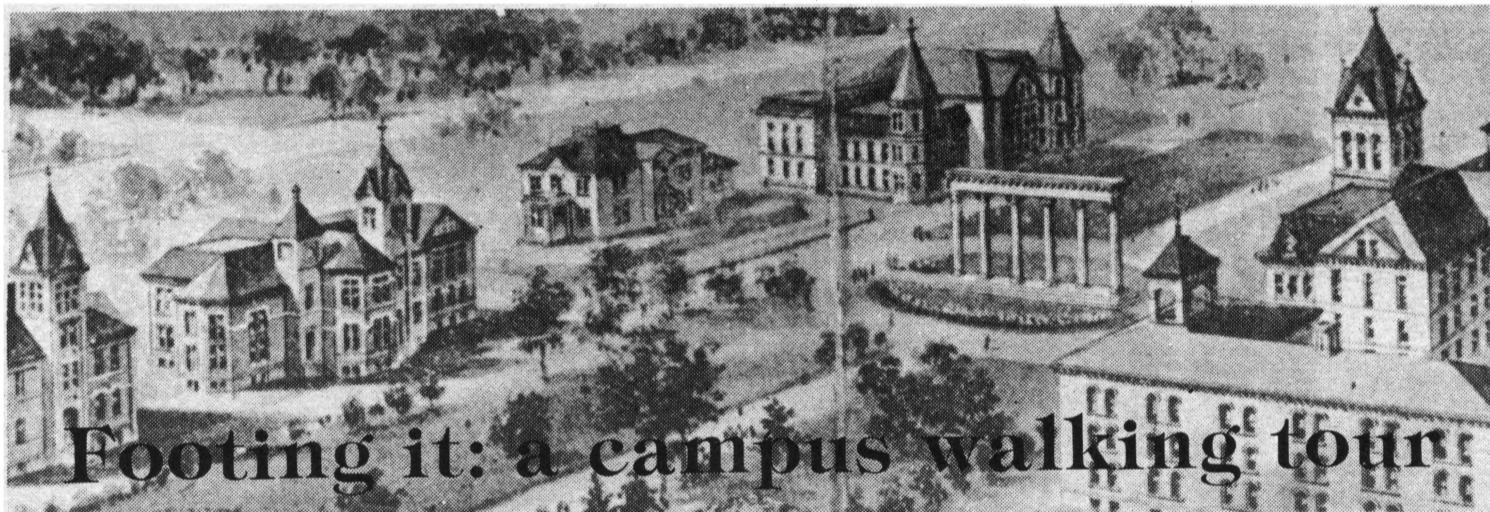
Roger Morrison, Agriculture:
"Demand for graduates remains strong, with 85 to 90 percent of the students starting careers following graduation. Salary ranges last year were \$9,600 to \$16,000, averaging \$11,500."

Thom Rakes, Arts and Science:
"Best prospects are students with a good liberal arts background supplemented with such job-related courses as business, accounting, marketing, or computer science." Jobs also appear plentiful for graduates with technical backgrounds in chemistry, physics, mathematics, and computer science. Industry appears to favor hiring at the baccalaureate level, with plans to send selected employees back to school for graduate training.

Ronald E. King, Business and Public Administration:
"All fields of business are good and we are placing everyone." Accounting is a good field, but not a lot better than management and marketing. Four-year graduates are moving to jobs at about a \$13,500 level, and those with master of business administration degrees at \$17,000 levels.

Robert Reifschneider, Education:
"Openings are available in science, mathematics, industrial arts, special education, reading and in several multiple teaching fields. Jobs are less plentiful in straight elementary teaching, English, and women's physical education. Students who will go where the jobs are, however, can become teachers."

Jack Morgan, Engineering:
"Enroll in engineering. There are good opportunities for jobs at least through 1985." Jobs are available in all fields of engineering, perhaps a bit higher in chemical engineering. "We're having a shortage of engineers and it is hard to catch up." Students are going to jobs at about \$16,500 annual salaries.



Footing it: a campus walking tour

Seeing is believing.

That's why the persons who work at UMC won't settle for letting you read about their campus, they want you to see for yourself.

Family Day is the ideal time to do just that. Most departments and museums are making a special effort to stay open for the event. While you're here, why not take a walking tour with your student as a guide? A view of the entire campus could take hours, but here's a sample route of what to see.

Although it's not the geographical center of campus, Memorial Union is a dining and meeting center for UMC's faculty, staff and students. Under its archway is a good place to begin. It's located at Hitt and Lowry streets.

The tower, a classic example of Gothic architecture, was constructed in 1926 as a memorial to UMC graduates who died in World War I. The wings, constructed in 1952 and 1963, are memorials to those killed in later wars.

Along Lowry Street lie the Fine Arts Building, containing the Fine Arts Gallery, on the right and Ellis Library, which houses more than 1.9 million volumes. The State Historical Society of Missouri and the Western Historical Manuscripts Collection are also included in the library building.

Straight ahead, the dome of Jesse Hall, the University's administration building,

majestically overlooks the Francis Quadrangle, the oldest, most monumental expression of quadrangle planning in the state. Turning right at Jesse Hall and stepping into that square of buildings known as Red Campus is a step into the past, since most were constructed between 1892 and 1895. The entire Red Campus is listed on the National Register of Historical Sites.

For a short break, everyone should stop and have a seat on the base of the Columns in the center of the quadrangle. Then hand one of your group the camera. Getting one's picture made in front of the Columns is almost a requirement for graduation. The six, 58-foot high columns, which originally upheld the portico of Academic Hall, erected from 1840 to 1843, have become a recognized University symbol.

Museums line the edges of the quadrangle. The Museum of Anthropology in Swallow Hall holds exhibits on Midwestern archaeology and cultures of the Americas, Africa and Asia. The Museum of Art and Archaeology, on the second floor of Pickard Hall, includes a cast gallery, a collection of Italian paintings and relics ranging in age from 5,000 B.C. to the present.

Halls of the Geology Building hold displays of fossils, rocks and minerals that make up a Geology Museum.

Two buildings in the northeast corner mark the birthplace of formal journalism education. Walter Williams established the first School of Journalism in the world on this campus in 1908. Students there operate a daily city newspaper, radio and television stations. Tours through the newspaper, the Columbia Missourian, are available.

Also inside the quad is the original 1826 granite gravestone for Jefferson from Monticello, Va. Jefferson designed the monument and prepared its inscription. His heirs gave the obelisk to the University in 1883.

For the rest of the tour, you'll have to leave the beaten track of Red Campus and choose a direction. The entire campus sprawls over 290 acres, too much territory to cover on foot. But there are some other areas you may want to see.

Southeast of Francis Quadrangle marks the beginning of White Campus, the newer limestone buildings. Botany greenhouses and the herbarium are east of Hitt Street. For astronomy buffs, the Laws Observatory, atop the Physics Building on College Avenue, offers free public viewing with its 16-inch telescope Friday evenings.

Hearnes Center and Faurot Field, Tiger fan paradises during basketball and football seasons, lie on the campus' south end. Happy touring!

CAMPUS
COLUMNS

Vol. 10, No. 1

Campus Columns is published monthly except July and August, and is published twice in September.

An equal opportunity institution

You're invited to Family Day! Oct. 14, 1978

Family Day Activities

UMC divisions are gearing up for their expected visitors to campus next month. The divisions listed have already announced their plans.

The College of Home Economics will welcome guests at 9 a.m. in Gwynn and Stanley Halls. Special events and exhibits are being organized by the faculty.

Visitors to the School of Forestry, Fisheries and Wildlife will meet at 10 a.m. in Room 2-6 of the Agriculture Building. Comments and questions will be followed by tours of classrooms and laboratories.

A full program beginning at 8:30 a.m. is being planned by the College of Agriculture. Registration is scheduled from 8:30 a.m. to 10 a.m. with short walking tours of campus and entertainment by agriculture students provided. Dean Elmer Kiehl and Dean Kenneth Larson will make welcoming remarks at 10 a.m. Representatives from each academic department will also be available.

A barbecue beef luncheon is planned for 11:30 a.m. for families of agriculture and forestry, fisheries and wildlife students. Cost is \$2 per person.

The Education Student Council is planning an informal coffee and cookies reception from 10 a.m. to 1 p.m. on the first floor of Hill Hall. For those not going to the football game, the council plans to host some mini-lectures and presentations during the afternoon.

The School of Journalism will have an open house beginning at 9 a.m. in Neff Hall. Coffee and a tour of the school's facilities will be provided by the Journalism Students Association. A parent and student convocation will be held in Neff Auditorium at 10 a.m. with Dean Roy Fisher and faculty members as featured speakers.

Tours of the School of Law will be conducted for interested visitors.

Engineering students and their families are invited to a College of Engineering orientation at 10 a.m. in the Electrical Engineering Auditorium. A representative from each department will speak. Tours will be conducted.

An open house is being sponsored by the College of Public and Community Services at Lewis and Clark Halls. The College of Business and Public Administration is also planning an informal open house, 9 a.m. to 9:45 a.m. in Middlebush Hall.

Most fraternities and sororities will be participating in Family Day. Although the plans vary in each organization, most intend to host a luncheon buffet before the football game, followed by dinners and parties that evening.

The residence halls will also hold open houses and special activities. Meals will be available to visitors.

Note: Visitors to UMC on Family Day may park anywhere on campus except dormitory lots and football-restricted lots.



Teaching

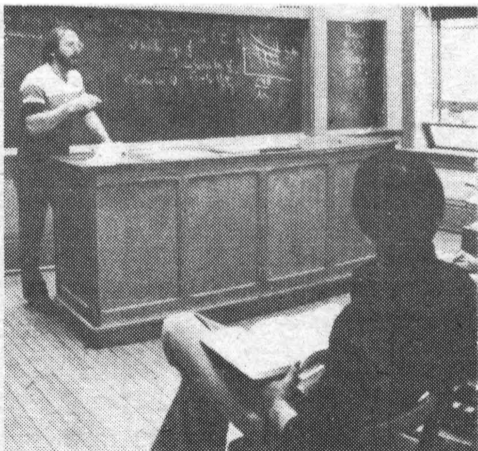
"I come to work in the morning because I like to," says David Wollersheim, associate professor of mechanical and aerospace engineering. His record shows it.

The professor, who will have logged 10 years at the University's Columbia campus in September, has won numerous awards for his teaching, most recently the Halliburton Award for teaching excellence in the College of Engineering and the Amoco teaching award, both this year.

Part of Wollersheim's views on teaching include his trying to develop close personal relationships with his students. "To motivate" is the main idea, he remarked. "I try to let my students know on a personal level that I want them to learn." To Wollersheim the job comes naturally. "I don't think you can be trained to be a good teacher," he said.

A native of Alberta, Canada, Wollersheim came to Missouri directly from the University of Illinois.

His teaching position at the University was not an automatic decision, however. As he was preparing to graduate from Illinois, he "considered seriously" taking a position on the practical side of



David Wollersheim

engineering. "I interviewed at six of the oil companies. The money was certainly much better there, but this was my best opportunity."

Besides, he concluded, "I like to teach. Why should I do anything else?"

Missions

The University of Missouri is rich in the traditions of public higher education. Founded in 1839 as the first state university west of the Mississippi River, the University has had a distinguished history of contributing to society through its teaching, research, and service roles.

The University fulfills its teaching mission by blending traditional academic programs with professional schools to levels beyond the doctor of philosophy degree.

UMC's research mission, supported by more than \$30 million from non-state funds, conducts many nationally-prominent programs, including the 10-megawatt nuclear research reactor, the water resources research program, the environmental trace substance center, and a laboratory-farm facility for studying chronic diseases and aging.

Dedicated to extending to all Missourians the knowledge found in its faculties, libraries, and laboratories, the University's service mission has been helping Missourians since the University became a land-grant institution more than a century ago.

Research

More than 50 percent of the fundamental research conducted in the United States today takes place in college laboratories, and the University of Missouri-Columbia does its share.

Charles Gehrke, professor and manager of the Experimental Station Chemical Laboratories in the College of Agriculture, is one of the many scientists who have played an important role in Missouri research.

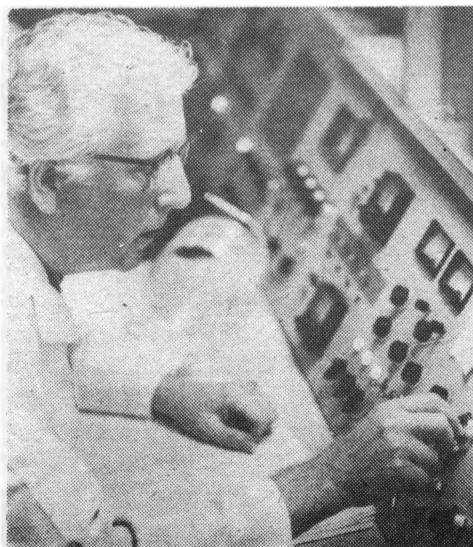
In 1969 he was one of the principal scientists involved in analysis of the lunar rocks brought back by Apollo 11. Today he is working with researchers from Johns Hopkins University and the National Cancer Institute on methods that may be used within the next five years to aid earlier cancer diagnoses.

Gehrke described his job in this way. "There is a strong research component which is supportive of advanced teaching. Our laboratories also provide research support to the programs of the College of Agriculture and of Chemistry."

"We've been productive here," he commented, "particularly in developing

methodologies for biochemistry. Our work has done much to advance the development of scientific tools with which others can advance their research."

Gehrke, who has worked at UMC since 1949, said this is where his career as a scientist has developed. "I've been able to develop a good research program here. And I've had the help of a good staff," he remarked. "Together we've been able to help other departments."



Charles Gehrke

Service

Between feeding the cattle and gathering hay, Norma Harmon, of Route 2, Clinton, is earning a degree in agriculture.

Three hundred miles southeast to the bootheel, a fellow ag student completed his degree this summer while keeping his job in Kennett.

These students are pursuing nontraditional educations, programs the University offers to emphasize higher education to the older student and to those unable to continue their education by regular means.

Harmon already has a degree in education she received from UMC in 1959. "I taught junior high school math for about 8½ years," she said, "but I couldn't keep everything going." Now she's taking college courses at home while working on the farm she and her husband run.

Kelly Wright from Kennett was a senior in college at Arkansas when he quit to start working for the Production Credit Association in 1972. "I needed only a few hours to finish an agriculture engineering degree," he said. "There's no other way I could have finished except through Missouri's program."

Nontraditional programs in agriculture are only a part of Missouri's offerings in these areas. The College of General Studies was created at UMC in 1973 for students who want to design their own programs. The University of Mid-America also operates here, offering college credit for courses taken through individualized study.

Director of the College of General Studies program, Bill Bondeson, explains the concept. "Over the past 20 years, American higher education dealt predictably with people under the age of 24. The kind of society we have now requires education, training and retraining.

"The whole notion that education is something you stop working at in your mid-twenties is dead. Colleges need to find ways to make themselves more accessible to older students — and nontraditional education is one way to do it."

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**'I wish my folks
could see
what I do here.'**



CAMPUS COLUMNS

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To the family of:

You're invited to Family Day! Oct. 14, 1978

campus columns

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 10, No. 2

Sept. 13, 1978

Added insurance coverage approved by UM Curators

Increased life insurance coverage at no additional cost soon will be available to University employees.

The Board of Curators, at its June 30 meeting, approved changes in both basic life insurance programs. Coverage of the first type, which offers enrollment at no cost to the employee, will increase \$1000, from \$3000 to \$4000. Protection of the second type, in which the employee purchases coverage equal to his annual salary, will increase by one-third. In addition, those employees may purchase an additional two-thirds coverage.

The Curators also approved changes in the medical benefits program. Rising health care costs have made necessary

rate increases of at least 83 cents monthly for employee-only enrollment and at least \$2.09 monthly for the employee whose spouse and children also are enrolled.

The \$50-deductible program, for example, which is supported by one-third employee, two-thirds University contributions, now will cost the employee with spouse and children \$23 monthly; the University will add \$45.12 monthly, an increase of \$4.10.

Employees covering only themselves will pay \$9.19 per month under the new future affirmative action programs could to take race into account.

Letters detailing the new rates soon will be mailed to all employees.

UMC's affirmative action commitment firm

This summer's Bakke decision — the Supreme Court ruling that strict quotas for minority admissions constitute illegal discrimination against whites — prompted a flurry of statements on how affirmative action programs would be affected.

President Carter, for example, felt the decision needed clarification and recently wrote a memo to government heads explaining Bakke's impact on federal hiring programs.

In the memo, Carter emphasized that "properly tailored affirmative action plans, which provide minorities with increased access to federal programs and jobs and which are fair to all Americans, are consistent with the Civil Rights Act of 1964 and with the constitution.

"I want to make certain that in the aftermath of Bakke, you continue to develop, implement and enforce vigorously affirmative action programs," he wrote.

While the court established that medical school applicant Allan Bakke should be admitted to the University of California Medical School at Davis, it also said that future affirmative action programs could continue to take race into account.

UMC's Affirmative Action Coordinator

Classes open to UMC personnel

Classes are underway at all of the city's educational institutions, but it's still not too late to enroll in just one more.

Again this fall, opportunities to brush up on office skills or to learn new ones are available to UMC staff members through the vocational evening classes sponsored by Columbia Public Schools.

The University's Personnel Services enable full-time, permanent administrative, service and support staff employees to enroll at no charge to their departments. The Employee Training and Development Office pays the registration costs; each employee purchases the necessary books and materials.

Registration must be completed by Sept. 25 and may be done by returning the blue enrollment form available from supervisors to 814 Lewis Hall. Or, interested persons may call the training office, 882-4859, to complete enrollment by phone.

Scheduled courses for which UMC staff receive classroom credit are:

Understanding Assertive Behavior in the Business World, Time Management for Secretaries, Affirmative Action — What it Means to You, Basic Bookkeeping, Beginning Typing, Typing Review, Typing Review for Speed and Accuracy, Business Grammar Usage, Individualized Beginning Shorthand, Individualized Advanced Shorthand, Individualized Shorthand Review, Medical Terminology, C.P.S. (Certified Professional Secretary) Review, In-depth C.P.S. Review, Medical Office Procedures, Individualized Office Machines, and Rapid Reading.

Jackie McClain says the University's affirmative action program for staff exists just as it was prior to the decision.

"Some white males on campus believe that the Bakke decision has changed their legal status — it hasn't," says McClain. The only difference is that we have increased our efforts to let departments and individuals know that the program will operate the way it always has.

"I have been especially worried that those people whose rights are protected by anti-discrimination legislation — women, minorities, the handicapped and veterans — would think that their rights had been

taken away by the Bakke decision," McClain says. "I'd like to assure them that UMC's efforts and commitment to affirmative action are unchanged."

In Bakke's case, the court found that school authorities had never made a formal study of past discrimination in setting up its minority admissions program, although they probably could have, and that they acted under no guidelines from a legislative or administrative body.

In contrast, UMC's affirmative action program is mandated by the Equal Em-

ployment Opportunity Commission easily fulfilling Justice Powell's requirement that a program be endorsed by "a congressionally authorized administrative body charged with the responsibility." Also at UMC, utilization studies were done to determine underrepresentation of women and minorities in departments. If underutilization is found, the department must cooperate in a compliance plan to remedy the situation. This approach is both constitutional and upheld by the Bakke decision.

Uehling initiates hiring review

Chancellor Barbara S. Uehling recently announced a centralized monitoring process as part of UMC's Affirmative Action plan. She named Dr. Walter C. Daniel, vice chancellor, in charge of the review of hiring procedures.

The UMC Affirmative Action plan designates the vice chancellor as campus compliance officer for all aspects of equal opportunity including Title IX (relative to equal opportunity for women) and Section 504 (dealing with rights of handicapped persons and veterans).

On the UMC campus, the Provost for Academic Affairs has the responsibility for implementing affirmative action policies for academic staff. UMC

Personnel Services, under the Provost for Administrative Affairs, implements the affirmative action policies for staff. Both offices submit monthly reports on campus hiring practices to the vice chancellor as part of the new monitoring process.

"Placing the final review in the vice chancellor's office assures us of consistency in our hiring practices," Chancellor Uehling said. "Adherence to the plan is essential and requires the cooperation of everyone involved in employment decisions."

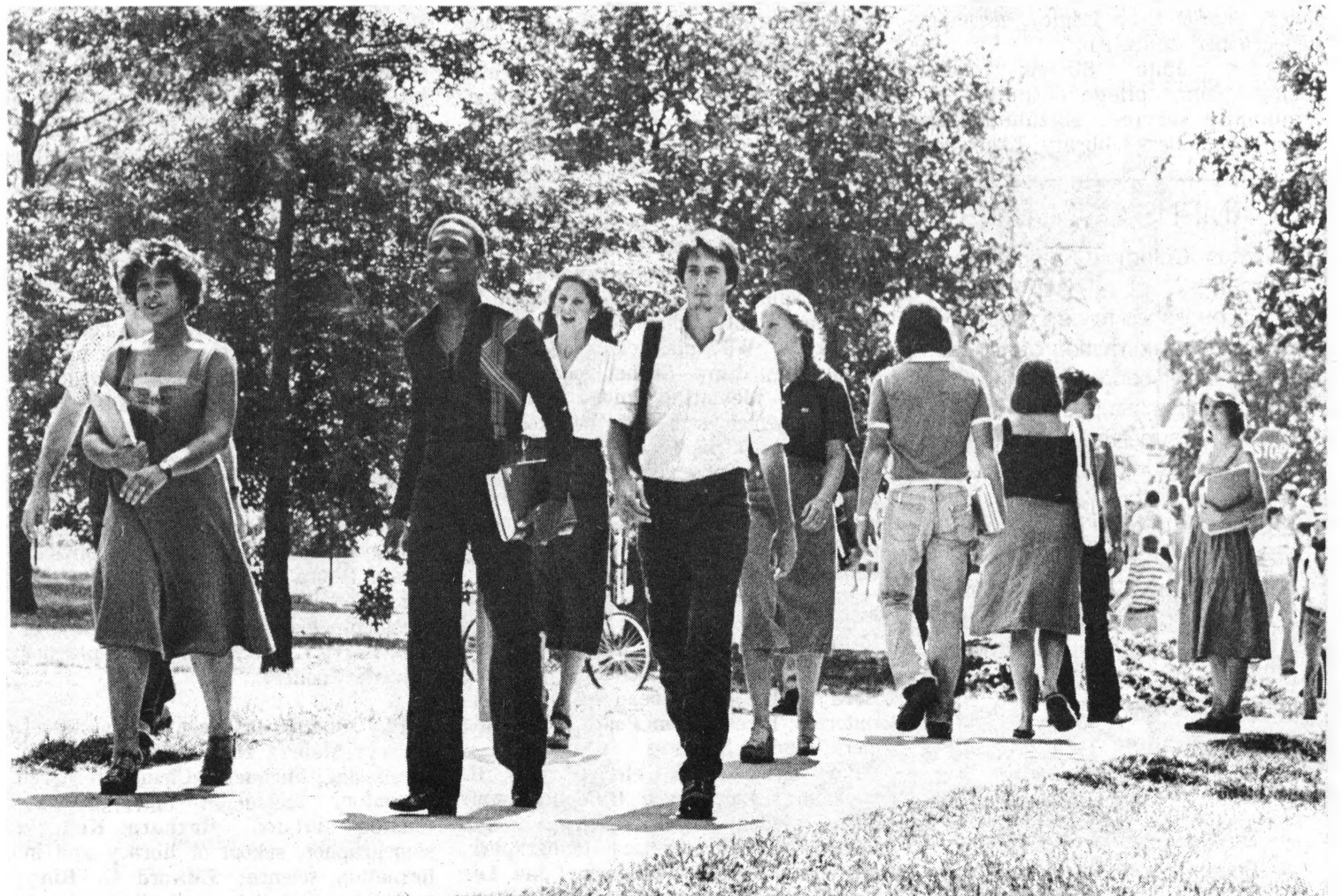
UMC administrators should address questions concerning implementation of the Affirmative Action plan to the vice chancellor's office.

New members invited to first AAUW meeting

Any new faculty member, staff person or graduate student who holds a bachelor's degree from an accredited college or university is invited to attend the first meeting of the Columbia chapter of the American Association of University Women Tuesday, Sept. 19.

The group will tour Maplewood, home of the late Frank G. Nifong, at 7 p.m. The home is located at the junction of AC and Highway 63 South.

Membership chairman Diane Brukhardt says yearly dues may be paid that evening; they are \$15. For further information, call Brukhardt at 882-7481.



It's not too late to enroll for vocational evening classes. Call the UM training office, 882-4859.

Campus Columns salutes

Fred Curtis: a hopeless optimist who loves students

Fred Curtis is an incurable optimist. It's hard to figure out how he got that way, since he was raised in a Masonic Home and educated in the School of Hard Knocks. But his outlook on life is just short of astounding.

Curtis, the auditor for student organizations, works in Gentry Hall with

Margaret Logan, senior accounting clerk, and Tony Verkruyse, a part-time student assistant. Curtis says he loves working with students.

"I learned a long time ago that if you do one good deed a day, it will make your day. It's what this life is all about. We're all here to help the students. If a student who

has been sent to the wrong place comes in to my office, I never send him away. I get on the phone, find out where he belongs and then send him there."

Maybe Curtis' formula of doing one good deed a day works. Whatever the reason, he says he loves his job. "I told my boss Don Hoehle that if he fired me, I'd still come in. They'd have to drag me out of here."

Each year, Curtis audits 350 student organizations with a total budget of over \$1 million. He also audits each ticket sold and each fund-raising venture, from car washes to movies. "I deal with maybe five or six hundred treasurers in a year, because often they change at the end of a semester." Along with 300 ticket managers and another 300 fund-raising chairmen, that's a possible total of 1,200 students working with Curtis.

And the majority of them are responsible with money. Crises rarely happen, says Curtis. "I get to know the troublemakers, though. I tell them to come back as many times as they need to talk to me if they are having financial problems. I never get cross with them: I just explain the procedures."

You believe Curtis' enthusiasm for his job is genuine because he has letters from people. Letters that say he is to be commended for using the auditing function as an educational tool, letters that say students learn more about handling money through Fred Curtis than through any other contact with the University, letters that make him proud. He says he'll make a scrapbook some day.

And his boss, Fiscal Operations Officer Don Hoehle, has stories to tell, too. Stories about student cooperatives that owed almost a thousand dollars to people in the community and how Fred worked with them to pay off their bills. Stories about how Fred not only is an auditor, but a

teacher who takes a personal interest in UMC students.

Because he gets to work with students, says Curtis, he has the best job at the University. "If I had to do it all over again, I would have been working at a place like Mizzou 20 years earlier," he says.

Curtis and his wife just packed up and left St. Louis one day in 1960. "After 23 years in the sign business, my wife said, 'Let's go to Columbia. We can buy a big house and rent it out to students. I'll go to work again, and you can sell shoes in a shoe store if you want, but let's do it!'"

The way Fred tells it, he was reluctant at first, but finally consented. They bought a house in Greektown and rented rooms to students.

"When I bought that place in Greektown, people thought I was crazy. Just wait until you have 15 or 20 drunks on the front yard, they said. When that happened, I said, 'Hi, gang,' and went outside and sang with them. It keeps me young."

Later, the Curtises sold their Greektown house and moved to an 88-acre farm near Hallsville, where they now live, along with five cows, six calves, a riding horse, five dogs, eight pups and seven cats. They have two children and five grandchildren. And when Curtis talks about his home life, it's with the same gusto he describes his work.

"There's nothing in life I don't enjoy. I have the most wonderful wife in the world. She's not only pretty, she's the best darn cook, the best mother, the best grandmother."

Curtis pauses. "How come the good Lord blessed a guy like Fred Curtis so much? Sometimes it scares me."

Editor's note: This is the first of a series of articles on outstanding staff. If you know of a person at UMC who is doing an exceptional job, call the editors at 882-6211.



Fred Curtis

Welcome

David A. LaGesse, assistant editor, student life; Drew M. Love, learning skills specialist, provost for academic affairs; Mary C. Etter, senior clerk typist, journalism; Phyllis L. Perkins, clerk typist, development fund; Christopher Dallam, power plant trainee I, physical plant; Rebecca Poleski, clerk II, university police; Sharon Lynn Edgley, secretary-stenographer, education.

Phyllis Jane Staton, senior stenographer, college of public and community service; Elizabeth Anne Moon, library clerk I, library; Lynda Jean

DeAndressi, library clerk II, library; Sarah A. Arrandale, library clerk I, library; Janica Rozell Hughes, file clerk, purchasing.

William Connor, counselor, dorms; Barbara Smith Hensley, senior clerk, agriculture dean's office; David E. Hoge, learning resources specialist, provost for academic affairs; Douglas Hunt, learning skills specialist, provost for academic affairs; Francine Ann Bennett, senior secretary, university extension division.

Janet K. Holmes, switchboard operator, provost for administration-business operations officer; Rolesta Rodgers, data entry operator II, T.V. station; William Bayne, painter III, physical plant; Dennis Michael Meek, research specialist, agriculture; Jim Mark Begemann, power plant trainee I, physical plant; Shaila R. Aery, assistant to chancellor.

Patricia Williams, clerk typist II, chancellor; Jerry Crane, food service worker I, Memorial Union; Julie Ann Shafee, senior secretary, provost for academic affairs; Terri Yvonne Fisher, senior stenographer, university extension division; Louise C. Pietrafesa, residence hall counselor, dormitories; Janet Rae Griffin, secretary, fiscal business officer-budget.

Joan Iris Rosenberg, head resident, dormitories; Leslie Myles Hummer, head resident, dormitories; James Richard Wagemann, head resident, dormitories; Erna Lynne Heyer, head resident, dormitories; Teresea Lynn Poore, accounting clerk, student health.

Joy Lynn Agee, clerk typist II, education; Lola Irene O'Connor, staff nurse, student health service; Evelyn Ethlene Smith, secretary-stenographer, university extension division; Jan Lee Bradley, secretary-stenographer,

agriculture dean's office; Stephen Craig Roby, senior research laboratory technician, agriculture dean's office; Sherri K. Clendenning, receptionist, university extension division; Randel Dan Loesch, food service worker II, dormitories.

Phyllis E. Leiby, secretary, agriculture dean's office; Lynn M. Pullen, clerk-typist, fiscal operations office; Joyce Ellen Penn, clerk typist, purchasing; Bill Wooter, janitor, physical plant; Robert Redmon Jr., janitor, physical plant; Maurice D. Allen, janitor, physical plant; Lois Roberts, janitor, physical plant; Rickey Davis, farm worker I, director's office agriculture; Betty J. Roberts, assistant director, start program.

Daniel A. Smith, scientific programming analyst II, campus computer center; Dannie L. Phillips, research specialist, agriculture dean's office; Cindy B. Roy, secretary-stenographer, agriculture dean's office; Mickey Witt, secretary, library; Ralph Hammond, library clerk III, library; Lawrence Boehm, senior information specialist, alumni and development communication; Russell D. Carter, janitor, physical plant; Rodney Mallinckrodt, janitor, physical plant; Debra Haney, library clerk II, library; Sally L. Burgess, animal health technician, veterinary medicine dean's office; Barry L. Johnson, radio dispatcher, university police.

Amy Amanda Inskeep, library clerk I, library; Melissa B. Woolf, clerk typist, purchasing; Michael LaChance, research laboratory technician university extension division; Barbara Kenney, stenographer, school of library and information science; Edward G. Riley, research specialist, agriculture dean's

office; Patricia Stumpp, secretary, law; Mark Gerard Fitzpatrick, senior information specialist, intercollegiate athletics; Susan Diane McKenzie, clerk II, registrar and admissions; Lynn Sue Rumble, library clerk I, library.

Roger D. Spell, janitor, physical plant; Nancy Lee Day, janitor, physical plant; Sallie R. Williams, janitor, physical plant; Keith L. Hickam, janitor, physical plant; Jay B. Cook, janitor, physical plant; Chuck R. Railton, animal caretaker, veterinary medicine; Rayma Ames, secretary-stenographer, agriculture dean's office; Barbara L. Hill, senior stenographer, home economics; Lola F. Pairier, secretary, behavioral research; Mary C. Graf, secretary, electrical engineering.

CAMPUS COLUMNS

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For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

Editors: April Walgren
Catherine Kernan

The University of Missouri
An Equal Opportunity Institution

Safety Views

MAKE SCHOOL DAYS
SAFE DAYS
WATCH OUT
FOR KIDS





President Carter's visit to Columbia went without a hitch on Aug. 14, possibly due to the hundreds of hours of preparation.

UMC staff work behind the scenes for Carter

President Jimmy Carter came to town Aug. 14.

Some Columbians took home stories that day of how they had stretched across ropes for a glimpse of or a handshake from the president. But staff from at least three University departments got a closer look at Carter, and they may have spent that evening soaking their feet because of it.

The planning, organization, security and accommodations required for the president and his entourage was a lesson to outsiders in what has become routine procedure for advance personnel and the Secret Service.

At the Medical Center

But even the Secret Service has varied its routine over the years, as Joe Greathouse, hospital director for the University Medical Center, observed.

For Greathouse, who spent 12 years as hospital director for Nashville's Vanderbilt Hospital, this was the third presidential visit for which his hospital had been designated the standby medical facility.

His first experience was a Kennedy visit to Nashville in 1963, a few months before the assassination. "Concern at that time was quite casual," Greathouse said. Vanderbilt's appointment as a standby

hospital consisted merely of a phone call.

Before Lyndon Johnson's visit to the city several months later, however, there were "very, very extensive preparations."

Getting ready for Carter was a "less extensive" operation, said Greathouse. Secret Service personnel, working in advance, examined the facility to see what would be involved in case of emergency. During Carter's visit, the hospital made available an operating room, a large emergency treatment room and senior personnel in all specialties.

The hospital also was required to furnish an ambulance and EMT crew to meet the president's plane and to follow his movements throughout Columbia.

University Police

While the Medical Center operated on a standby basis, University Police were out in full force — literally.

Most of the security required for the president's visit was supplied "by our department and the Secret Service," said Maj. Mick Deaver, assistant director of the University Police.

Manning the Hearnes Building called for close to 70 officers — "everyone on the force, even the clerical staff," said Deaver. The department also received assistance from other UM campuses.

Preparations for Carter's 2½-hour visit started seven weeks earlier with initial contact from the Secret Service. The UMC police then surveyed the Hearnes Center and conducted security checks on persons who would be working near the president.

Some of Deaver's background proved valuable in handling the event. He had attended a three-week course in protective operations at the Secret Service Academy in 1976. And, ironically, about 20 other UMC police officers had participated in a seminar last spring conducted by the Secret Service for campus police throughout the Midwest. "We didn't know the president was coming at the time," Deaver said, "but it turned out to be helpful."

And the advance work paid off. From touchdown to Air Force One's take-off, "everything went smoothly," said Deaver.

It was like a "great big massive jigsaw puzzle. Everything had to be together." And it was.

At the Hearnes Center

Handling the MFA convention is an annual event for the Hearnes Center staff, and dealing with crowds is routine business for this University department.

But both building director A. C. Stotler and his assistant, Dave Bradley, were amazed at what the president's visit entailed.

Three presidential groups worked with the Hearnes Center staff in preparations — the Secret Service, the White House Communication Agency and members of the president's personal staff.

"They left nothing to chance," said Bradley. Plans were examined again and again. By the Tuesday before Carter's appearance, every day was a work day, he said. "Every minute there was a request, and sometimes we did things over."

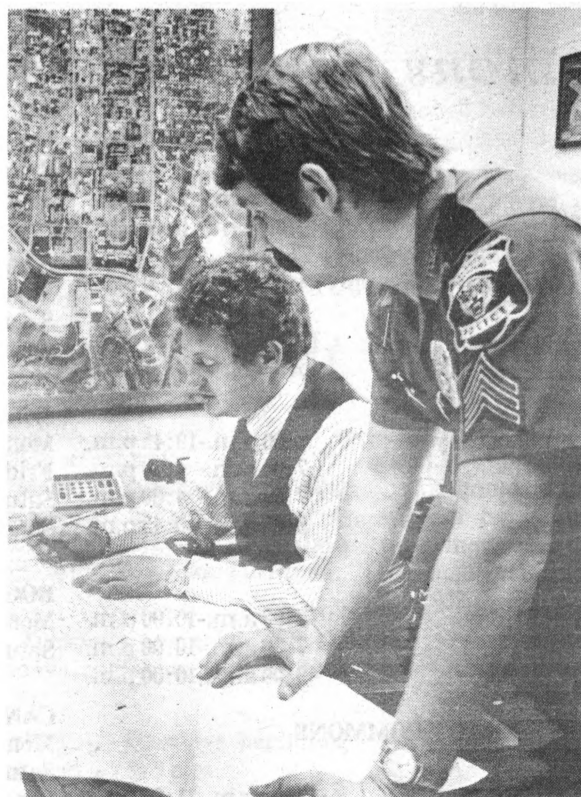
Special facilities were set up for the visit. An area was designated for use by the 350-member press corps that came to cover the president. The communication agency installed its base in the Tiger basketball team's locker room and extended the system to the Medical Center and Campus Inn. They also coordinated the lighting for television.

For the Hearnes Center staff the Aug. 14 event began at 5 a.m. with a final check of the building, and it lasted until the final convention departed, taking with him memorable stories of "the day he saw the president."

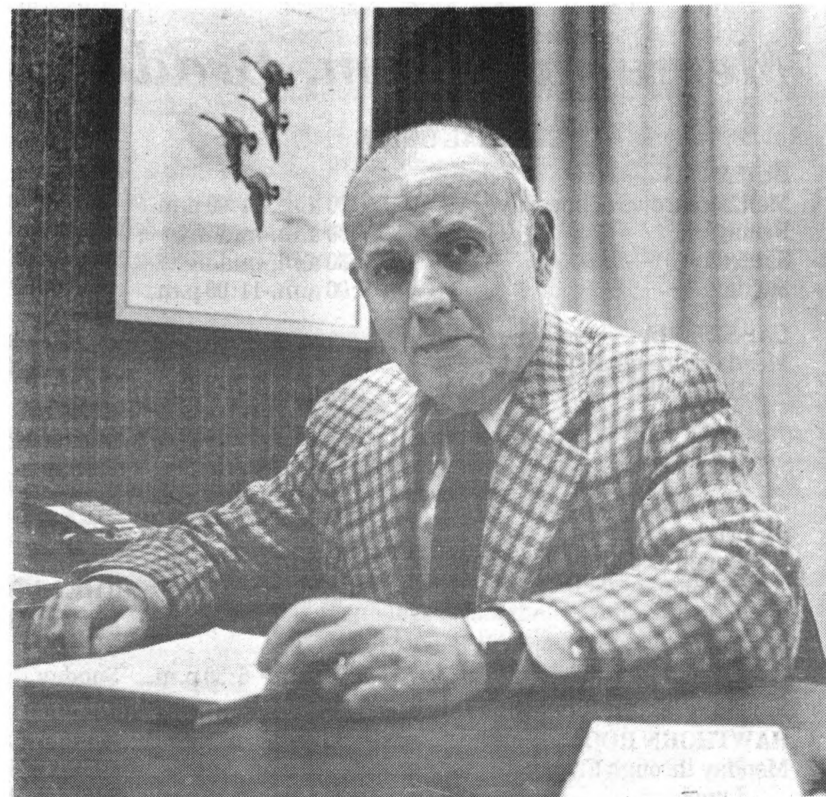
Stotler called Carter's Columbia visit "an experience. I'm not sure I'd want to do it again, but I think it would be easier next time."



Joe Greathouse



Mick Deaver



A. C. Stotler

Calendar of Events

CONCERTS, PLAYS

Sept. 20: Guest Artist Series: Sandra Dene Ellis, soprano, 8:15 p.m., Fine Arts Recital Hall, free.
 Sept. 21: MSA Broadway Play "California Suite," 8 p.m., Jesse Auditorium.
 Sept. 24: Faculty Recital Series: Esterhazy Quartet, 3 p.m., Fine Arts Recital Hall, free.
 Sept. 30: University Chamber Music Series: Cleveland Quartet, 8:15 p.m., Jesse Auditorium.
 Oct. 2: Faculty Recital Series: Susan Hicks, oboe, 8:15 p.m., Fine Arts Recital Hall, free.
 Oct. 6: Jesse Auditorium Concert Series: Paratore Brothers, duo-pianists, 8:15 p.m., Jesse Auditorium.
 Oct. 10: Guest Artist Series: Robert Baker, organ, 8:15 p.m., First Presbyterian Church, free.
 Oct. 15: Faculty Recital Series: Santiago Rodriguez, piano, 3 p.m., Fine Arts Recital Hall, free.

CONFERENCES, SHORT COURSES

Sept. 18-20: First Annual Public Safety Seminar. Hearnese Building.
 Sept. 18-22: Administrator in Training. For more information call 882-2256.
 Sept. 19-20: Conference on Computerized Adaptive Testing, Union.
 Oct. 9-10: Licensed Practical Nurses Conference, Jesse Auditorium.

OTHER EVENTS

Oct. 14: Family Day.

LECTURERS, SPEAKERS

Sept. 18: "Dealing with Divorce." What to expect in the divorce process, coping with it and how to go on by Joan Dallam, doctoral candidate, counseling and personnel services, noon, 1 Gentry Hall. Sponsored by UMC Women's Center. Free and open to the public. Refreshments provided.
 Sept. 18: "Writing for the Voice," by Penelope Gilliatt, author and film critic for The New Yorker, 8 p.m., coffee at 7:30 p.m., Small Ballroom, Memorial Union. Supported by the UM Development Fund and sponsored by the English Department.
 Sept. 20: "The Second Time Around: Remarriage." A panel discussion on mixing families, redefining relationships and undoing old patterns, 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center. Free and open to the public. Refreshments provided.
 Sept. 21: "Making A Comeback: Entering the Work Force." An introduction to Columbia's New Directions Center for displaced homemakers by Mary Blancett, counselor and center assistant administrator, noon, 1 Gentry Hall. Sponsored by UMC Women's Center. Free and open to the public. Refreshments provided.
 Sept. 21: "Population Trends and Problems of the Third World" by Rex Campbell, noon, Room S16, Union.
 Sept. 21: "Coral Snakes and the Mimicry Problem," a Donald M. Nelson lecture, by UMSL Chancellor Arnold Grobman, 3:40 p.m., 18 Tucker Hall.
 Sept. 21: "Business and the Media," ITT Key Issues Lecture Series, by Lewis H. Young, editor-in-chief of Business Week, 3:30 p.m., Memorial Union Auditorium.
 Sept. 25: "Update: Abortion." A discussion on abortion legislation by Susan M. Miller of Congressman Richard Ichord's Eighth District staff, noon, 1 Gentry Hall. Sponsored by UMC Women's Center. Free and open to the public. Refreshments provided.
 Oct. 2: "Controversies in Contraception." Legal and health controversies surrounding women's use of con-



The University Theatre has many fine productions scheduled for this year -- Check the series on page 4.

traceptives by Sandy Hale, community health educator for the Missouri State Division of Health, noon, 1 Gentry Hall. Sponsored by UMC Women's Center. Free and open to the public. Refreshments provided.

Oct. 4: "Women's Sexual Dysfunctions." Myths and facts by Joseph Lamberti, associate professor of psychiatry, and June Herborn, psychiatric social worker, 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center. Free and open to the public. Refreshments provided.

Oct. 5: "Women's Sexual Fantasies." What women fantasize and what it means by Wanda Morgan, UMC Counseling Services intern, noon, 1 Gentry Hall. Sponsored by UMC Women's Center. Free and open to the public. Refreshments provided.

Oct. 9: "My Mother-Myself: A Look at Mother-Daughter Relationships." Four mothers and daughters of various age groupings explore the contradiction and harmony found in their relationships, noon, 1 Gentry Hall. Sponsored by UMC Women's Center. Free and open to the public. Refreshments provided.

Oct. 10: "Parasites and Water Quality" James Farmer, 7:30 p.m., Room S-203, Union. Free and open to the public. Refreshments provided.

Oct. 11: "Marriage: Making Mine Different." A panel discussion on alternate marriage lifestyles, 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center. Refreshments provided.

Oct. 12: "Making Partnerships Work." A discussion about factors needed for a happy, workable relationship, noon, 1 Gentry Hall. Sponsored by UMC Women's Center. Refreshments provided.

FILMS, EXHIBITS

Sept. 15: Astronomical Film of the Week: "Magnetic Force," 7 p.m., Room 114, Physics Building, free.
 Sept. 15: MSA Film "The Goodbye Girl," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in advance, \$1 at the door.
 Sept. 16: MSA Film "The Goodbye Girl," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in ad-

vance, \$1 at the door.

Sept. 17: MSA Film "Obsession," 8 p.m., Middlebush Auditorium, free.

Sept. 17: University Film Series: "Time Machine," 8 p.m., Ellis Library Auditorium, free.

Sept. 20: University Film Series: "Satan's Brew," 8 p.m., Ellis Library Auditorium, free.

Sept. 20: MSA Film "Lady Sings the Blues," 8 p.m., Middlebush Auditorium, free.

Sept. 22: MSA Film "Looking for Mr. Goodbar," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in advance, \$1 at the door.

Sept. 22: Astronomical Film of the Week: "Apollo 15: Mountains on the Moon," 7 p.m., Room 114, Physics Building, free.

Sept. 23: MSA Film "Goldfinger," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in advance, \$1 at the door.

Sept. 24: MSA Film "A Touch of Class," 8 p.m., Middlebush Auditorium, free.

Sept. 24: University Film Series: "This Island Earth," 8 p.m., Ellis Library Auditorium, free.

Sept. 27: MSA Film "Twelve Chairs," 8 p.m., Middlebush Auditorium, free.

Sept. 28: University Film Series: "Raining in Santiago," 8 p.m., Ellis Library Auditorium, free.

Sept. 29: Astronomical Film of the Week: "The Quiet Sun," 7 p.m., Room 114, Physics Building, free.

Sept. 29: MSA Film "The Turning Point," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in advance, \$1 at the door.

Sept. 29: MSA Film "Welcome to L.A.," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in advance, \$1 at the door.

Oct. 1: University Film Series: "The Lady Vanishes," 8 p.m., Ellis Library Auditorium, free.

Oct. 1: MSA Film "Ruling Class," 8 p.m., Middlebush Auditorium, free.

Oct. 4: MSA Film "It Happened one Night," 8 p.m., Middlebush Auditorium, free.

Oct. 5: University Film Series: "Les Enfants du Paradis," 8 p.m., Ellis Library Auditorium, free.

Oct. 6: MSA Film "Sorcerer," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in advance, \$1 at the door.

Oct. 7: MSA Film "Taxi Driver," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in advance, \$1 at the door.

Oct. 8: MSA Film "Cornbread, Earl and Me," 8 p.m., Middlebush Auditorium, free.

Oct. 8: University Film Series: "Wings," 8 p.m., Ellis Library Auditorium, free.

Oct. 11: MSA Film "Camelot," 8 p.m., Middlebush Auditorium, free.

Oct. 12: University Film Series: "Mr. Arkadin," 8 p.m., Ellis Library Auditorium, free.

Oct. 13: Astronomical Film of the Week: "Mystery of Stonehenge, Part I," 7 p.m., Room 114, Physics Building, free.

Oct. 13: MSA Film "The Omen," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in advance, \$1 at the door.

Oct. 14: MSA Film "Oh, God," 7 and 9:30 p.m., Middlebush Auditorium. Tickets: 75 cents in advance, \$1 at the door.

Oct. 15: MSA Film "Gone with the Wind," 8 p.m., Middlebush Auditorium, free.

Oct. 15: University Film Series: "Chimes at Midnight," 8 p.m., Ellis Library Auditorium, free.

Memorial Union, Brady Commons announce fall semester hours

MEMORIAL UNION

BUILDING
 Monday through Thursday 7:00 a.m.-11:00 p.m.
 Friday 7:00 a.m.-midnight
 Saturday 7:30 a.m.-midnight
 Sunday 9:00 a.m.-11:00 p.m.

CAFETERIA
 Monday through Friday
 Breakfast 7:00 a.m.- 9:00 a.m.
 Coffee Break 9:00 a.m.-11:00 a.m.
 Lunch 11:00 a.m.- 1:15 p.m.
 Coffee Break 1:15 p.m.- 4:45 p.m.
 Dinner 4:45 p.m.- 6:30 p.m.

Saturday
 Lunch (Football Saturdays only) 11:00 a.m.- 1:00 p.m.
 Dinner Closed

Sunday
 Lunch Closed
 Dinner 5:00 p.m.- 6:30 p.m.

Dinner 5:30 p.m.- 8:00 p.m.
 Saturday
 Lunch 11:30 a.m.- 1:15 p.m.
 Dinner 5:30 p.m.- 8:00 p.m.
 Lunch (Football Saturdays only) Closed
 Dinner (Football Saturdays only) 4:30 p.m.- 8:00 p.m.
 Sunday
 Luncheon Buffet 11:45 a.m.- 1:30 p.m.
 Dinner 5:30 p.m.- 8:00 p.m.

BENGAL LAIR
 Monday through Thursday 7:00 a.m.-10:45 p.m.
 Friday 7:00 a.m.- 4:00 p.m.
 Saturday 7:30 a.m.- 4:00 p.m.
 Sunday 9:00 a.m.-10:45 p.m.

THE NOOK
 Monday through Friday 7:00 a.m.-10:00 p.m.
 Saturday 7:30 a.m.-10:00 p.m.
 Sunday 9:00 a.m.-10:00 p.m.

BRADY COMMONS

BUILDING
 Monday through Thursday 7:00 a.m.-11:00 p.m.

Friday 7:00 a.m.-midnight
 Saturday 8:00 a.m.-midnight
 Sunday 2:00 p.m.-11:00 p.m.

GAMES AREA
 Monday through Friday 7:00 a.m.-11:00 p.m.
 Saturday 8:00 a.m.-noon
 Sunday 2:00 p.m.-11:00 p.m.

SNACK BAR
 Monday through Thursday 7:00 a.m.-10:45 p.m.
 Friday 7:00 a.m.-11:15 p.m.
 Saturday 8:00 a.m.-11:15 p.m.
 Sunday 2:00 p.m.-10:45 p.m.

BOOKSTORE
 Monday through Friday 8:00 a.m.- 5:00 p.m.
 Saturday 9:00 a.m.-12:30 p.m.

CANDY, ETC.
 Monday through Friday 8:00 a.m.- 8:50 p.m.
 Saturday 9:00 a.m.- 8:50 p.m.
 Sunday 2:00 p.m.- 8:50 p.m.

Missouri native featured artist at UMC museum

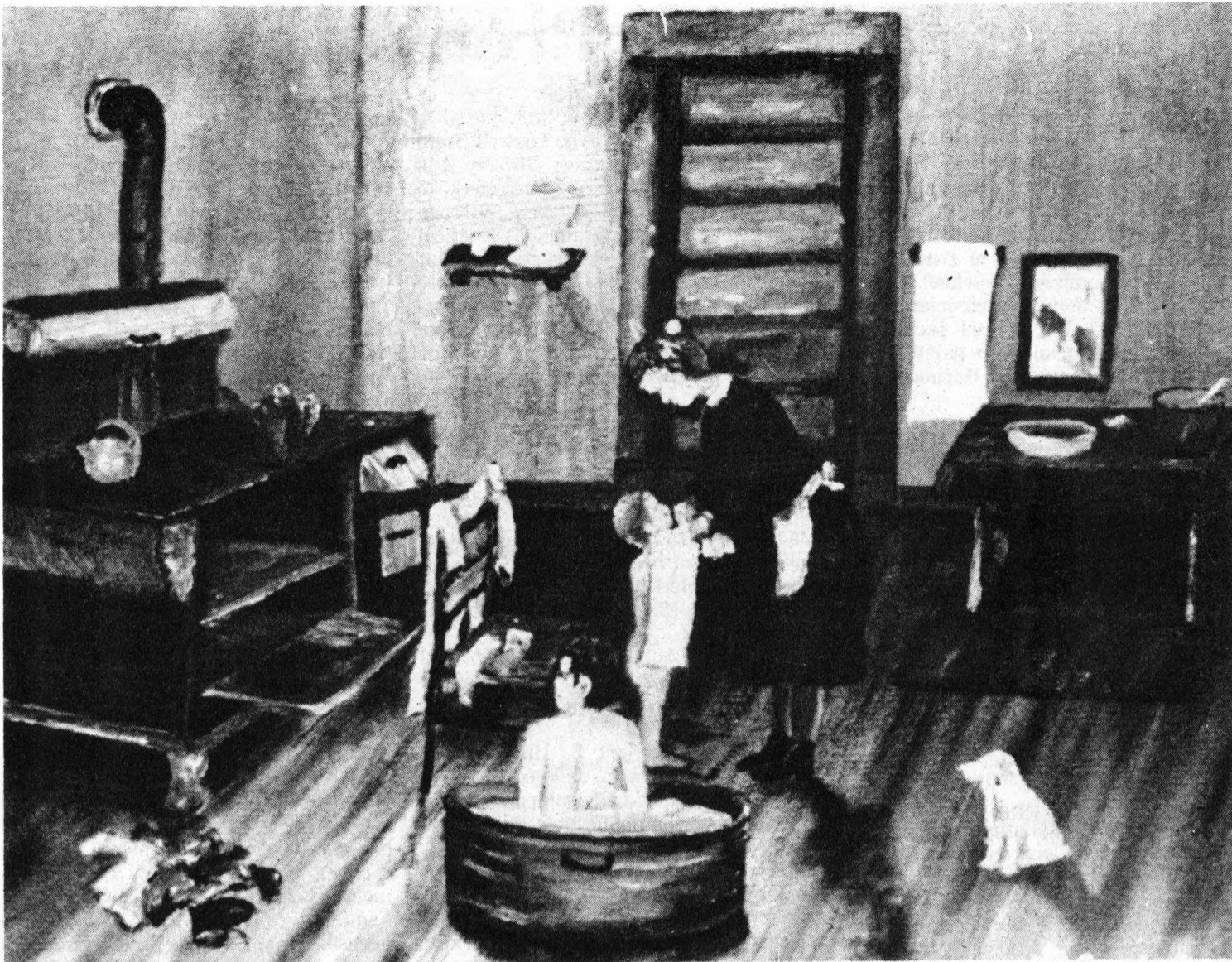
"Daisy Cook Remembers," an exhibit of 40 paintings by a regionally acclaimed artist, Daisy Cook, will be shown at the Museum of Art and Archaeology through Oct. 4.

Mrs. Cook, who was born in Springfield, Mo., in 1903, began her artistic career at age 61 after retiring from the teaching profession. She painted entirely from childhood memories and is a noted member of the primitive (self-taught) school of art.

The exhibit, which includes paintings from the artist's estate and from the Crowder College Museum of Arts and Sciences in Neosho, Mo., has been lent to the Mid-America Arts Alliance for a five-state tour.

A film supplementing the exhibit can be viewed at 2 p.m. each Sunday during the showing except Oct. 1 in Pickard Hall Auditorium. Folklorist Linna Funk Place will lead a workshop relating the exhibit to Columbia's heritage at 2 p.m. Sunday, Sept. 17 in the auditorium. Ms. Place also will discuss "History in Everyday Objects" at an 8 p.m. lecture Monday, Sept. 18 in the auditorium.

Museum hours are 4 to 10 p.m. Monday and 1 to 5 p.m. Sunday and Tuesday through Saturday.



Saturday Night Bath by Daisy Cook — on exhibit at the Museum of Art and Archaeology through Oct. 4.

UMC cultural season a tantalizing potpourri

Several University arts series have begun subscription campaigns for the 1978-79 season. Purchasing season tickets assures the concert or theatre goer he'll not miss any of the quality entertainment planned for Columbia this year.

Chamber Music

Tickets for the Chamber Music Series, which will be heard in Jesse Auditorium this year, may be purchased by faculty and staff at \$15 per person. Admission for the general public is \$18 and for students, \$10.

Season tickets for the Chamber Music or the Jesse Auditorium Series may be purchased at the auditorium box office on the first floor of Jesse Hall beginning Monday, Sept. 18 between 10 a.m. and 4 p.m. Further information is available by calling 882-3571. Tickets to individual performances, if available, will go on sale two days prior to the event.

The Cleveland Quartet — Saturday, Sept. 30, 8:15 p.m.

Fernando Valenti, harpsichordist — Friday, Oct. 20, 8:15 p.m.

I Musici: Pina Carmirelli, violinist — Saturday, Nov. 18, 8:15 p.m.

The Beaux Arts Trio — Friday, Feb. 9, 8:15 p.m.

The Tokyo Quartet — Thursday, March 1, 8:15 p.m.

The Rogeri Trio — Thursday, April 19, 8:15 p.m.

Jesse Auditorium

The Jesse Auditorium Series offers UMC staffpersons admission to its six performances for \$20. The general public will be admitted for \$25 and students, \$12.50.

Anthony and Joseph Paratore, du-pianists — Friday, Oct. 6, 8:15 p.m.

The Gewandhaus Orchestra of Leipzig — Wednesday, Nov. 8, 8:15 p.m.

Marilyn Horne, mezzo-soprano — Tuesday, Nov. 21, 8:15 p.m.

The Canadian Opera Company (scenes from *The Marriage of Figaro*) — Monday, Jan. 22, 8:15 p.m.

Isaac Stern, violinist — Tuesday, April 3, 8:15 p.m.

The St. Louis Symphony Orchestra — Friday, April 6, 8:15 p.m.

University Theatre

The University Theatre Series offers season tickets at a 15% savings over in-

dividually priced tickets. They may be purchased by mailing a check or money order for \$15 (\$7.50 for students) to the University Theatre Box Office, 129 Fine Arts Center, UMC, Columbia, MO 65211 or by calling 882-2121.

Tickets for individual performances go on sale the Monday of each performance week and may be picked up at the box office from 3 until 5 p.m.

I Am a Woman — Wednesday through Saturday, Oct. 4 to 7, 7:30 p.m.; Sunday, Oct. 8, 2:30 p.m.

The Homecoming — Wednesday through Saturday, Nov. 29 to Dec. 2, 7:30 p.m.; Sunday, Dec. 3, 2:30 p.m.

The Mousetrap — Wednesday through Saturday, Feb. 14 to 17, 7:30 p.m.; Sunday, Feb. 18, 2:30 p.m.

The Real Inspector Hound — Wednesday through Saturday, March 14 to 17, 7:30 p.m.; Sunday, March 18, 2:30 p.m.

Finian's Rainbow, in cooperation with the Department of Music — Wednesday through Saturday, Nov. 1 to 4, 7:30 p.m.; Sunday, Nov. 5, 2:30 p.m.

Aesop's Fables — Thursday, April 12, 4:30 p.m.; Friday, April 13, 4:30 and 7:30 p.m.; Saturday, April 14, 10:30 a.m. and 2:30 p.m.; Sunday, April 15, 2:30 p.m.

MSA Broadway Plays

Season memberships for the MSA Broadway Play Series now are on sale at the Memorial Union ticket window Monday through Friday between 8:30 a.m. and 3:30 p.m. until Sept. 21. Mail orders will be accepted and should be addressed to MSA Broadway Plays, Memorial Union ticket window, UMC, Columbia MO 65211. Tickets are priced at \$11, \$13 and \$15 for the general public; MSA members may purchase season tickets for \$8, \$10 or \$12.

Unless mail orders are accompanied by a self-addressed, stamped envelope, tickets will be held at the union box office.

Admission to individual performances is available at the ticket window two weeks in advance of each production and also at the door that evening.

California Suite, by Neil Simon — Thursday, Sept. 21, 8 p.m.

Television stars Carolyn Jones and James Drury star in the season opener, three short plays about three couples who occupy the same Beverly Hills hotel suite.

Sound of Music, music by Rodgers and Hammerstein — Wednesday, Nov. 1, 8 p.m.

Romeo and Juliet, by William Shakespeare — Saturday, April 14, 8 p.m.

Studio offers staff low-cost recreation

Staff, faculty and their families still may take advantage of five workshops offered this fall at the MSA Craft Studio, 203-7 Brady Commons.

A \$12 fee is charged for the workshops, and enrollment is limited to craft studio members. New memberships, which must be purchased each semester, are available at the MSA ticket window in the Memorial Union from 8:30 a.m. to 3:30 p.m. Monday through Friday.

Craft studio membership fees are \$5.50 for any UMC staff or faculty member and his family; \$4 for students with families

and \$2 for students.

The workshop schedule is:

Stained glass — Tuesdays beginning Oct. 24 for six weeks, 7 to 9 p.m.

Off-the-loom weaving — Tuesdays beginning Oct. 24 for six weeks, 7 to 9 p.m.

Ceramics — (two six-week workshops) Tuesdays beginning Oct. 10 and Wednesdays beginning Oct. 18 both from 7 to 9 p.m.

Woodworking — Tuesdays beginning Oct. 23 for six weeks, 7 to 9 p.m.

Paper workshop — Saturdays

beginning Oct. 7 for four weeks, 10 a.m. to noon.

Additional information, including how to register for individual instruction in pot-throwing, black and white photography and color printing, is available by calling 882-2889.

For those who already have learned a particular craft, the MSA Craft Studio offers accessibility to a larger and more private work area than the craftsman may have at home. Studio hours are 10 a.m. to 10 p.m. weekdays, 10 a.m. to 5 p.m. Saturdays and 2 to 10 p.m. Sundays.



EMPLOYEE ASSISTANCE PROGRAM

A program for faculty and staff is a confidential referral service for all employees and their families who are seeking solutions to persistent personal or work-related problems.

TAKE ACTION . . . Call 882-6701
UMC Employee Assistant Program
215 Columbia Professional Bldg.

Promotions

Columbia Campus: **Lloyd Benedict Thomas**, from steamfitter to lead steamfitter; **Jeanette Marie Buhman**, from graduate nurse to nursing technician; **Carol A. Burger**, from graduate practical nurse to senior licensed practical nurse; **David M. Cook**, from chief programmer to senior computer program analyst; **Michael Charles Cooper**, from animal technician II to supervisor research animal facility C; **Eddy Dean Harmon**, from painter II to painter III; **Pamela Mae Harmon**, from

clerk typist to payroll clerk.

Leslie Joan Lacy, from staff nurse to head nurse; **Robert Wayne Laswell**, from stores clerk to routeman; **Beverly Ann Lutz**, from senior accounting clerk to patient accounts representative; **Brenda Jane Moore**, from graduate practical nurse to senior licensed practical nurse; **Beverly J. Pearcey**, from graduate practical nurse to senior licensed practical nurse; **Elaine S. Porter**, from graduate practical nurse to senior licensed practical nurse; **Laurie Ann**

Richardson, from clerk typist to stenographer.

Doris Darlene Roberts, from graduate practical nurse to senior licensed practical nurse; **Christine Marie Schlapper**, from graduate practical nurse to senior licensed practical nurse; **Nelson E. Stull**, from water treater to fireman; **Carol Ann Vujnich**, from secretary to administrative associate I; **Marvin F. Warfield**, from fireman to steamfitter; **Catherine Lynn Wood**, from graduate nurse to nursing

technician; **Eunice Lorraine Wright**, from senior licensed practical nurse to nursing technician.

University-wide: **Janet Rae Bradshaw**, from clerk to clerk II; **Roy Kenneth Hutchinson**, from employee relations officer to assistant vice president; **Rosemary Reeder** from composition coder to copy preparation specialist; **Gerald Arthur Schlapper**, from reactor physicist to senior research scientist; **Teresa Sue Winegar**, from keypunch operator to secretary.

Retirements

Robert J. Ahsens, director, public safety; **Elizabeth Arnold**, custodian, hospital housekeeping; **Frederick J. Arnsmeier**, safety patrolman, hospital security; **Wallace Bentley**, janitor, housing; **Louise Bittner**, food service attendant I, nutrition and dietetics, medical center; **Julia L. Brooks**, food service worker, nutrition and dietetics, medical center; **Matilda Brown**, janitor, housing.

Albert E. Browder, groundsman II, American archeology; **William J. Bunge**, assistant professor, health and physical education; **Robert S. Campbell**, professor, forestry, fisheries and wildlife; **Tommy Jay Cochran**, dairy worker, dairy husbandry; **Laura Crawford**, janitor, dormitories; **Mona E. Dingle**, professor, economics; **Wilbur R. Enns**, professor, entomology.

Norman D. French, professor, school of business, Whiteman AFB; **Thelma M. Fricke**, nursing attendant, outpatient department, medical center; **William R. Galeota**, director, student health services;

Charles E. Gose, maintenance man, physical plant, medical center; **Marguerite Grathwohl**, superintendent of nurses, student health; **Velma H. Green**, admissions clerk, hospital admissions; **Willard H. Hargis**, groundsman II, physical plant.

Aubrey D. Hibbard, professor, horticulture; **Rubena Hick**, staff nurse, student health center; **Lloyd D. Hiler**, research assistant, veterinary microbiology; **Garling S. Hill**, janitor, housing; **Mattie V. Hill**, unit assistant, unit management, medical center; **Elsie E. Hunt**, janitor, physical plant; **William A. Hunt**, janitor, physical plant.

Alexander Jerome, building maintenance custodian, school of business, Whiteman AFB; **Robert L. Johnson**, auto mechanic, physical plant; **J. T. Jones**, assistant supervisor-custodial services, physical plant; **Katherine Keene**, receptionist II, admissions and registrar; **Carl W. Kenison**, custodian, hospital housekeeping; **Raymond Litwiller**, physician, student health; **Edward W. Lowrance**, professor, anatomy.

Hallie Malone, food service worker IV, housing; **Philip J. Marco**, associate professor, health and physical education; **Francis L. Marcum**, police sergeant, university police; **John E. Michael**, janitor, physical plant; **Marvelle Michel**, assistant professor, school of social work; **John C. Murdock**, professor, economics; **Xavier J. Musacchia**, director/professor, Dalton Research Center, department of physiology.

Martha E. Nahikian, associate professor, school of nursing; **Marjorie Nathe**, senior secretary, education, lab school; **Lien Luan Soong Nee**, custodian, housekeeping, medical center; **Delmar D. Phillips**, night supervisor, Brady Commons; **Grace L. Phillips**, cashier, Brady Commons; **Louise R. Ridge**, senior licensed practical nurse, medical center; **Dorothy Rodgers**, receptionist II, admissions and registrar.

Joseph W. Rogers, patrolman, hospital safety and security; **Robert R. Rogers**, janitor, housing; **Betty L. Rouse**, food service worker II, Brady Commons; **Herbert I. Sauer**, assistant professor,

family and community medicine; **Herbert W. Schooling**, chancellor; **Leonard L. Schulte**, animal technician, poultry husbandry; **Bernadine Sears**, custodian, hospital housekeeping.

Trainia L. Showens, janitor, physical plant; **Rowland Smith**, information specialist III, office of public information; **Verneile Simmons**, food service worker I, housing; **Alma C. Snipes**, nursing technician, newborn nursery, medical center; **Agnes Stearns**, accounting clerk, physical plant; **Virginia Tate**, secretary to the chancellor, administration; **Clive J. P. Thompson**, senior systems analyst, medical computer center.

Mary Allene Thompson, secretary-stenographer, extension, entomology; **Iola V. Trumbower**, staff development coordinator, nursing; **Saul S. Weinberg**, professor, art history and archeology; **Lydia Mae Williams**, nursing technician, medical center; **Herbert Wink**, lead carpenter, physical plant; **Waymon W. Williams**, janitor, housing; **Charles F. Mitchell**, associate professor, school of social work.

Welcome

Leilani Meyer, composition coder, technical education; **Mary Lee Borman**, secretary, extension; **Laura Bullion**, senior manuscript specialist, western history manuscripts collection; **Peggy Springer**, senior computer programmer, computing activities; **Mike G. Moll**, prepress supervisor, technical education; **Kenneth Norris**, assistant pressman, technical education.

Wanda G. Gott, receptionist II, registrar and admissions; **Joan Carol Bell**, secretary, student health service; **Susan Innes Shanklin**, library clerk II, library; **Debbie Elaine Ball**, receptionist, counseling services; **Martin Edward Ratermann**, carpenter, physical plant; **Thomas Hardy Lett III**, power plant trainee I, physical plant; **Rebecca Choate Rahm**, janitor, physical plant; **Kimberly Ann Becker**, clerk typist II, purchasing; **Diana Gail Gebhards**, file clerk, purchasing; **Jane E. Hoeffken**, clerk typist II, university extension division; **Nancy Jo Pemberton**, secretary-stenographer, cooperative extension service; **Julia Melloway**, clerk typist, veterinary medicine.

Deborah J. Jones, stenographer, agriculture dean's office; **Norman Trimble**, draftsman, physical plant; **Terri Ann Lenhardt**, clerk typist, education; **Keith A. Tumey**, janitor, physical plant; **Michael C. Holden**, janitor, physical plant; **Paula A. Thorpe**, stenographer, center for student life; **Jacqueline Joan McMahon**, instructional materials center supervisor, education.

David Kinnett, manuscript specialist, Western history manuscripts collection; **Linda Anderson**, keypunch operator, data processing.

Jon Lesan, pharmacist, pharmacy; **Sarah Young**, nursing attendant, unit management; **Terre Dunscombe**, staff nurse, nursing service; **Kamela McIntosh**, staff development coordinator, nursing; **Deborah Stewart**, nursing technician, nursing; **Curt Liebman**, senior research

laboratory technician, medical practice income plan.

Cecelia Dow, data entry operator, business office; **Barry Cunningham**, nursing technician, nursing; **Judy Todd**, secretary-stenographer, medicine; **David Walters**, custodian, housekeeping; **Anoctavia Hollis**, clerk, medical records; **Randie Little**, senior research laboratory technician, ophthalmology.

Pamela Willett, clerk typist II, health care technical center; **Sharon Gadson**, nursing attendant, unit management; **Helen Crain**, graduate nurse, nursing; **Kenneth Mazon**, staff nurse, nursing; **Patricia Yadon**, pharmacy technician, pharmacy; **Rita Doran**, cytotechnologist, pathology.

Mary Holleman, computer terminal operator, radiology; **Lee Coria**, operating room technician, nursing; **Carol Broce**, staff nurse, nursing; **Lynn Bramblett**, operating room technician, nursing; **Rickie Ihms**, staff nurse, nursing; **Kathryn Early**, graduate nurse, nursing.

Mendolin Higby, senior licensed practical nurse, nursing; **Ronald Cohen**, senior research laboratory technician, medical practice income plan; **Lana Mazon**, staff nurse, nursing; **Theresa Starkey**, custodian, housekeeping; **Amber Thompson**, secretary-stenographer, family and community medicine; **Alice DeLisle**, data entry operator, business office.

Kathleen Nesbitt, staff development coordinator, nursing; **ElFego Sardis**, computer operator, computer center; **Janet Miller**, radiologic specialty technologist, radiology; **Karen Hickam**, radiologic technologist, radiology; **Carol Silvey**, secretary, medicine; **Judy Korte**, secretary, psychiatry.

Pamela Richardson, EKG technician, medicine; **Harlene Small**, data entry operator, business office; **Jenny Richter**, senior payroll clerk, payroll; **Donald Boyce**, physical therapy assistant, physical medicine and rehabilitation; **Pamela Johnson**, senior physical therapy

assistant, physical medicine and rehabilitation; **Paul Pritchett**, nursing technician, nursing.

Lynne Ritter, staff nurse, nursing; **Kimberly McDaniel**, admissions-records coordinator, dean's office; **Lois Teel**, senior clerk typist, pathology; **Vicki Schwickerath**, graduate medical technologist, pathology; **Jone Bornhauser**, secretary-stenographer, neurology; **Mary Williams**, radiologic technologist, radiology.

Kathy Castillo, staff nurse, nursing; **Cheryl Martel**, staff nurse, nursing; **David Boyle**, custodian, housekeeping; **John Cox**, custodian, housekeeping; **Sandra Engel**, secretary-stenographer, family and community medicine; **Deborah Stanfield**, pharmacy technician, pharmacy.

Virginia Brownfield, nursing technician, nursing; **Norma Case**, custodian, housekeeping; **Judy Rice**, custodian, housekeeping; **Jamie Johnson**, clerk II, outpatient department; **Denise Green**, clerk II, outpatient department; **Mary Kay Jungers**, senior accounting clerk, child health.

Jani Lou Sapp, secretary, surgery; **Mary Baumer**, chief clerk, outpatient department; **Michelle Houk**, secretary-stenographer, surgery; **Julie Kridelbaugh**, senior licensed practical nurse, nursing; **Patrice Weir**, staff nurse, nursing; **Charles McMillan**, laboratory attendant, physiology.

Rebekah Gross, food service attendant I, nutrition and dietetics; **Nancy Holland**, food service supervisor I, nutrition and dietetics; **Susan Meyer**, senior research laboratory technician, pathology; **Wilma Brechbuhler**, custodian, housekeeping; **Terry Lisby**, custodian, housekeeping; **Cynthia Fultz**, graduate nurse, nursing.

Susan Kintner, nursing technician, nursing; **Karyn Plog**, graduate nurse, nursing; **Lesa Tiller**, graduate nurse, nursing; **Mary Ann Ewigman**, graduate nurse, nursing; **Jessie Elliott**, nursing technician, nursing; **Rosie Williams**, nursing technician, nursing.

Sherry Shelton, senior clerk typist, medicine; **Angela Peloquin**, receptionist II, radiology; **Robert Moran**, custodian, housekeeping; **Brenda Morrow**, custodian, housekeeping; **Cynthia Frost**, custodian, housekeeping; **David Humphrey**, EKG technician, medicine.

Donna Wittman, stenographer, school of nursing; **Charlene Ingram**, accounting clerk, medical practice income plan; **Paula McGee**, staff nurse, nursing; **John Callison**, occupational therapy assistant, occupational therapy; **LaVerne Chase**, secretary-stenographer, family and community medicine; **Milton McHenry**, morgue technician, anatomy.

Kurtis Oidtman, custodian, housekeeping; **Deborah Goehringer**, secretary, accounting; **Keith Picker**, food service attendant II, nutrition and dietetics; **Linda Atkins**, secretary, occupational therapy; **Yvonne Prost**, secretary, clinical research; **Richard Poelling**, senior research laboratory technician, child health.

Jennifer Best, nursing attendant, unit management; **Jacquelyn Smith**, secretary, purchasing; **Beverly Williams**, food service attendant I, nutrition and dietetics; **Terry Christopher**, food service attendant I, nutrition and dietetics; **Janet Horton**, nursing attendant, unit management; **Patricia Gillespie**, data entry operator II, pathology.

Patricia Farmer, collection clerk, business office; **Cara Easton**, custodian, housekeeping; **Susan Partain**, senior accounting clerk, accounting; **Steven Miller**, custodian, housekeeping; **Rueleen Kapsch**, staff nurse, nursing; **John Luther**, graduate nurse, nursing.

Judith Boyle, nursing attendant, unit management; **Juanita Scherrer**, nursing attendant, unit management; **Marcia Mitchell**, clerk II, outpatient department; **Linda Williams**, secretary-stenographer, surgery; **Wayne Todd**, staff nurse, nursing; **Corinne Howard**, nursing attendant, unit management.

Service Awards



Margaret Wilson
food serv. supv.
30 years



Elaine Wiggins
administrative assistant
state extension service
10 years



Arty Liddell
janitor
dormitories
10 years



Ernest Driskill
mail carrier
business office
15 years



Dave Keller
safety representative
employee relations
10 years



Katherine Liddell
janitor
dormitories
10 years



Amador Molina
senior auditor
v.p. for admn. affairs
10 years



Dixie Norwood
secretary-stenographer
speech and dramatic art
10 years



Dorothy Harmon
fiscal assistant
provost for administration
15 years



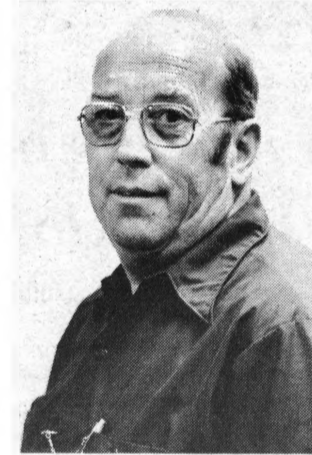
Beverly Sapp
administrative secretary
geology
15 years



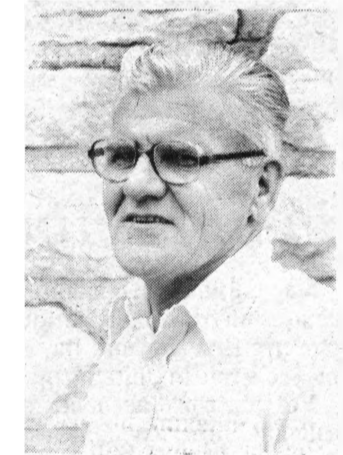
Bill Reagan, broadcast engineering manager KOMU-TV, has been with the University 25 years.



Ann Wright
secretary
classical studies
15 years



James Hodges
delivery man
library
10 years



Earl Sapp
maintenance coordinator
dormitories
20 years

Five year awards

The following employees have completed five years of employment with the University.

Robert Heidlage, library assistant I, library; **Goldie Rippetto**, ticket clerk, Hearnes Building; **Rita Gorski**, secretary steno, library and informational science; **Nancy Rucker**, lab storekeeper, animal husbandry; **Deborah Cason**, janitor, dormitories;

Marion Bick, secretary, extension; **Bernice Bunch**, senior administrative assistant, provost for academic affairs; **Betty Dunn**, secretary, provost for administration — fiscal business officer; **Edith Baxter**, secretary, education; **Norma Bonparte**, janitor, dormitories; **Allen Connor**, food service worker I, intercollegiate athletics;

Sharon Fitzpatrick, clerk typist, alumni and development fund management systems; **Eva Ranly**, secretary steno, education; **Vicki Curby**, student services

coordinator, student life; **Thelma Jackman**, janitor, dormitories; **Nancy Chambers**, secretary, veterinary medicine dean's office; **Sara Errante**, administrative secretary, general studies;

Martha Davis, food service worker II, Memorial Union; **Donald Lawrie**, food service worker I, Memorial Union; **Karl Danuser**, assistant director admissions, registrar and admissions; **Charles Harris**, janitor, dormitories; **Wilford Gentry**, janitor, janitors; **Melba Kelly**, senior secretary, business and public administration dean's office;

Jerry Krstansky, research specialist, Dalton Research Center; **Dianne Robinson**, senior secretary, mechanical and aerospace engineering; **Glenda Postle**, clerk typist II, extension; **Sylvia Riley**, residence hall counselor, dormitories; **Leroy Robinson**, food service worker I, dormitories.



Dave Deering, a salesman for KOMU-TV has worked for UMC 25 years.



The practice of bulldogging steers was begun by a cowboy like this one, Oklahoman Bill Pickett.

Black history makers featured in upcoming UMC exhibition

Since 1940, when navigator Pedro Alonso Nino sailed with Columbus on the explorer's first voyage, the black man has played a role in United States history.

Yet textbook accounts of exploration, colonial America and establishing the western frontier often have omitted the black participant.

The University community will have an opportunity to relive the days of dudes and desperadoes as they really happened in an October presentation co-sponsored by the Black Culture Center and the Office of Support Programs.

"Blacks in the Westward Movement" tells the story of black frontiersmen and fur traders, settlers and soldiers. The 46-panel exhibit features color prints and black-and-white photography accompanied by maps, illustrations and text.

The exhibit has circulated throughout the United States via the Smithsonian Institution's traveling service. A Smithsonian bureau, the Anacostia Neighborhood Museum, researched and produced the exhibit.

"Blacks in the Westward Movement" opens Sunday, Oct. 1 at the Black Culture Center, 823 Virginia Ave.

The center's official opening will be observed in a 4:30 p.m. ceremony at which Dr. Lorenzo Greene, professor emeritus of history at Lincoln University, will be honored for his contributions to the chronicling of black history.

The exhibit may be viewed from 3:30 to 6:30 p.m. that day and afterwards Sunday through Thursday from 9 a.m. to 11 p.m. and Friday and Saturday from 9 a.m. to 2 a.m.

National teaching award to Daniel

Dr. Robert Daniel, a UMC faculty member for 33 years, has received the American Psychological Foundation's Unique Contribution in the Teaching of Psychology Award.

The award was presented Aug. 29 at the American Psychological Association's annual meeting in Toronto. Daniel, who was chosen in national competition, is the first to receive the award.

He was cited for his transformation of a division newsletter into the *Teaching of Psychology*, a widely read and respected academic journal.

With Daniel's recognitions the UMC psychology department became the only department with two members named national award winners by the American Psychological Foundation. Last year UMC

professor emeritus Fred McKinney received the Distinguished Teaching in Psychology Award.

Daniel, who began his career at UMC as an assistant professor in 1945, advanced to full professor and headed his department from 1955 to 1961. He has been author or co-author of three books and has published more than 60 scientific and professional articles or book chapters.

Active in campus affairs, Daniel served as chairman of the UMC Faculty Council from 1973 to 75. He also is a past or current member of the University Research Council, University Assembly, Campus Planning Council, Summer Session Planning Committee, Academic Regulations Committee (chairman 1978-79) and Education Policy Task Force.

Secretarial training and retirement planning offered by personnel

Secretaries can take advantage of two one-day sessions offered by the UMC Employee Training and Development Office to hone their skills and enhance their upward mobility.

On Sept. 26, "Secretary and Management Skills" will be offered, and on Sept. 27, "Understanding and Influencing People." The courses require no fee, but you must register in advance. Restricted to those persons with secretarial classifications, the courses will be held in Room S-8 Memorial Union from 9 a.m. to 4:30 p.m. each day. You may take one or both courses.

Call the Employee Training and Development Office to register at 882-4859.

★ ★ ★ ★ ★

Employees interested in retirement planning can attend workshops

during the months of October and November. The UMC Training and Development Office and the UMC Staff Benefits Office are sponsoring eight retirement planning sessions for faculty and staff. They will target on financial planning, social security, taxes, recreation and leisure, University benefits, health and changing roles. The sessions are free and will be held from 7 to 9 p.m. in Room S-16 of the Memorial Union.

For staff, the dates of the sessions are Oct. 2, 9, 16, 23, 30, Nov. 6 and 13.

For faculty, the dates are Oct. 3, 10, 17, 24, 31, Nov. 7 and 14.

All employees and their spouses are invited to attend. Contact Dean Baxter, training development coordinator, 882-4849, or Leroy Sharp, supervisor of staff benefits, 882-3683, to enroll.

Gaines named to Med Center post

Rick A. Gaines has been appointed an assistant dean of the UMC School of Medicine, effective Oct. 1. He will serve as director of administrative affairs and as a lecturer in the graduate studies program of health services management.

Since receiving his master's degree at UMC in 1975, Gaines has been employed as an administrator and financial officer for the department of family practice and community health at the University of Minnesota School of Medicine in Minneapolis.

His new duties will include organizing and administering the medical school budget, developing legislative budget

requests, acting as liaison to the administration for 18 departments and liaison to such accrediting bodies as the National Institutes of Health, Association of American Medical Colleges and HEW. He also will recruit, instruct and supervise the dean's office support staff.

Gaines, who attended Southeast High School in Kansas City, is a licensed commercial pilot and active in UMC alumni activities. He is married and has one daughter.

Campus custodial service curtailed

University personnel were advised August 30 of a change in the custodial work schedule.

Most offices will be cleaned on alternate days.

A reduction of 30 janitors at the physical plant has necessitated the change.

Rex Dillow, assistant director of the physical plant, asks that requests for exceptions to the schedule, as in offices extensively used for conferences or receiving large numbers of visitors, be forwarded to his office, 882-3092, or to L. C. Maddox, 882-6455, by the department chairmen concerned.

Hoopes reiterates dialing procedures

Don Hoopes, manager of University telephone and mail services, reminds all personnel of the following long-distance dialing procedures:

Access numbers for St. Louis and Kansas City are 72 and 74, respectively. Callers should listen for the dial tone just as if placing a call within that city.

If the foreign exchange (FX) numbers are busy, then the caller may dial 73, the in-state WATS (wide area telecommunications service) access number.

Using the correct number saves time and dollars, says Hoopes.

CAMPUS COLUMNS

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Missouri

A message to the Columbia campus about the United Way campaign



Barbara S. Uehling

From the Chancellor:

Serving others is something all of us in the academic community value and view as our personal commitment.

One concern all of us share is the improvement of life for those outside the academic community. By participating in the United Way campaign each year, collectively we can demonstrate that caring.

Perhaps you or a friend or family member already has benefited from a United Way service. Youth organizations, child care services and family counseling facilities as well as research and rehabilitation programs receive United Way funds. Contributions remain in Columbia to further educate and serve its citizens.

Join with me in giving a gift that will make the lives of others happier.

'Greatest Game in Town' kicks off Oct. 5 with \$99,500 goal for UMC

Marching Mizzou kicked off the local United Way campaign Sept. 16 during its halftime performance at the Missouri-Alabama football game. Black and gold balloons carrying the United Way logo were released while the band played "People."

"Another Season of the Greatest Game in Town," the 1978 campaign, officially begins Oct. 5.

This year the University's participation in the drive will be led by unit coordinators William Bondeson, director of general studies, and Thornton Jenkins, superintendent of the physical plant, for UMC; William Egan, administrative assistant, and Mitchell Rosenholtz, associate

professor of pathology, for the medical center; Charles Crawford, assistant treasurer, for central administration; and Herbert Schooling, chancellor emeritus, for the retired staff.

Chairman of the University campaign, Robert Kren, director of the Office of Public Information, says the 1978 goals are, by division: Columbia campus - \$62,000, medical center-\$20,000, central administration-\$8,900 and retired staff-\$8,600.

Kren anticipates active UMC support of the annual campaign. "Last year's response to United Way was tremendous," he says. "It expressed the concern of those at the university for the needs of our community."

Apples again on sale at UMC's south farm

Early birds got the first Jonathan apples harvested this fall by UMC agricultural research employees Sept. 19.

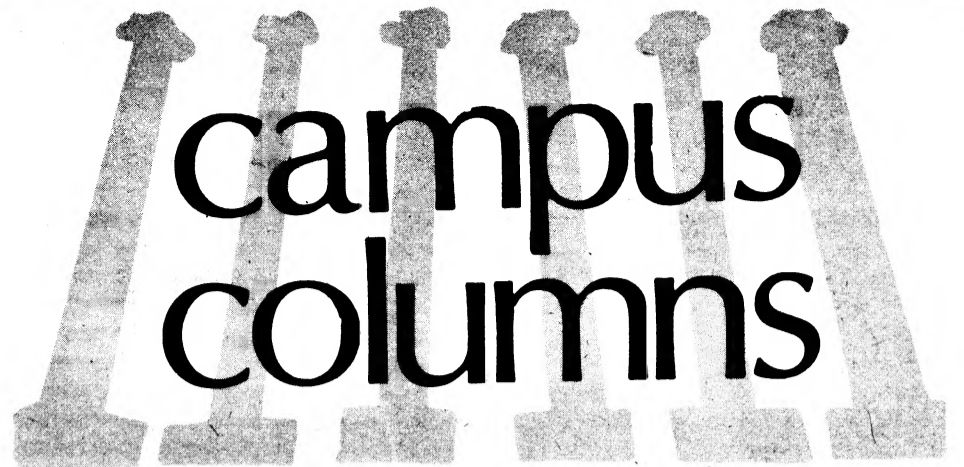
Again this year, apples will be sold to the UMC community and to all Missourians from noon to 5:30 p.m. weekdays and from 8 a.m. to noon on Saturdays.

Those purchasing UMC-produced fruit for the first time should take Business 63 S. to the AC interchange and proceed across

the overpass. Entrance to the south farm is well-marked and located one-half mile east of the interchange.

Walter Sanderson, supervisor of the operation, says interested persons may call 449-1231 with questions about particular varieties offered by the farm. No prices will be quoted, however.

Later varieties, says Sanderson, including the Golden and Red Delicious, will be available early in October.



campus columns

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 10, No. 3

Oct. 4, 1978

Uehling announces creation of staff advisory council

In a show of support for staff, Chancellor Uehling announced last month formation of the Employees' Staff Advisory Council, an organization taking its place with the Faculty Council and the Missouri Students Association.

Employees had worked since last spring ironing out the details of the council and circulating a petition which was presented to the Chancellor Sept. 1.

The Chancellor's office now is forming a plan to distribute ballots and ensure a valid election for UMC's 4,500 plus employees.

The initial plan calls for a council composed of 12 members, with three elected from each of four staff categories: administrative/professional, secretarial/clerical, technical/paraprofessional non-exempt professional and craft/service/maintenance employees.

For the first year only, three additional employees will be included — Campus Management Advisory Committee members from last year's administrative/professional group set up by then-Chancellor Schooling. Uehling said that she wished the three CMAC members to serve on the council to provide continuity.

CMAC, although it worked for greater staff representation on committees and expanded staff benefits coverage, was

composed only of administrative/professional staff. Many persons felt a need for employee representation from all staff levels.

At a press conference Sept. 20, the Chancellor said "had there not been a petition, I would have sought some sort of mechanism" to seek staff input. "I view the group as an important one to advise me on items of mutual interest, such as how to recognize employees for their contributions," she said. "I am interested in how they feel about the University and how to make it a happier place. I am also interested in programs of staff development and how to meet perceived needs."

The Chancellor said that the three persons receiving the most votes in each job category would be appointed to the council. However, if an imbalance in the council's makeup in race, sex or university affiliation resulted, then the person receiving the next highest number of votes would be selected.

According to the plan, council members will be selected for three-, two- and one-year terms so that each year one-third of the elected members will change.

In their petition, staff members had requested that the Chancellor support a staff council because such a body "would strengthen the University community by recognizing staff contributions to the University's missions of teaching, research and service. This recognition would enhance staff identification within the University, improve communication and formally encourage an atmosphere of acceptance of staff ideas and recommendations. Finally, a staff council would provide organizational freedom to independently shape and recommend policies."

UMC library programs rated first in nation

Programs in informational science and library systems analysis at UMC rank first in the nation according to a recent survey among accredited library schools.

Deans from 26 institutions responded to a survey by Eloise S. Norton, assistant professor of library science at Mississippi University of Women. They ranked the UMC School of Library and Informational Science among the top ten in six of 39 categories, including informational management, automation of library processes and librarianship for rare books.

Another recent survey, conducted by Fred Roper, professor of library science at the University of North Carolina, rated UMC's medical librarianship program among the top three in number of courses offered and in experience provided for use of the medical bibliographic data base, MEDLINE.



Faculty and staff persons planning to attend official UMC functions may take advantage of a recent University acquisition — an eight-passenger Winnebago travel van. J. Harold Bragg, a UMC graduate and Winnebago Industries' president and general manager (left), made the presentation to UMC's Alumni Association Sept. 6. Vice Chancellor Guy Entsminger (center) accepted the keys on behalf of Chancellor Barbara Uehling. Former Tiger football coach and athletic director Don Faurot (right) also was present for the ceremony. For further information about reserving the vehicle, university groups should contact the alumni offices at 882-6611.

The staff council: employees ready to begin



Staff reaction to the Chancellor's support of the Employees' Staff Advisory Council possibly may be summed up best by independent study secretary Brenda Procter, who says, "I'm thrilled to death. My hope is that the council will foster a spirit of cooperation between staff and administrators in the University to provide the best possible climate for higher education."

"The formation of the council was history unraveling."

Chancellor Barbara S. Uehling recognized the staff council as an internal representative body late last month. Staff were relieved that the group did not go the way of UMKC's staff council of administrative and professional staff, which was not immediately recognized by then-Chancellor James Olson. The Kansas City group had to meet off-campus and could not use campus mail for its correspondence.

Although petitioning for the staff council

Peck to head nursing

Evelyn M. Peck, RN, has been appointed director of nursing service for the University hospital at UMC.

For 30 years, Miss Peck was associated with St. Luke's Hospital Center in New York City. She received a diploma in nursing from St. Luke's in 1946 and her bachelor's and masters degrees in nursing education administration from Teachers College of Columbia University.

She was appointed director of St. Luke's school of nursing in 1959 and director of nursing services in 1967. She reorganized the nursing area, managed 1,000 employees and supervised the nursing care of an average of 750 patients.

In 1973 Miss Peck was named St. Luke's vice-president of operations. Overseeing the hospital's daily operations, she worked with all service departments except finance and purchasing.

In 1976 she joined Frontier Nursing Service, Inc. in Hyden, Ky., as director of nursing.

Miss Peck is a past president of the New York State Nursing Association.

took place just this summer, the concept had been developing for a long time.

"Formation of the council was history unraveling," says senior information specialist Art Schneider. "It was inevitable. The only surprise is that it took so long."

"Many staff are products of the 1960s. And the 1970s' emphasis on affirmative action helped: There are large representations of blacks and females."

In 1973, the staff council began to take shape.

"At that time," says Jane Bell, arts and science administrative associate, "the Chancellor's Committee on the Status of Women was appointed by Chancellor Schooling with the charge to assess the lot of women on campus. The committee was able to compare male and female salaries and substantiate information which had previously only been guesswork. Schooling acted on some of the recommendations, created the Status of Women Committee and, eventually, an office of women's studies. Women on campus for the first time saw that they had made gains through the committee, yet they were disillusioned by recommendations that had not been implemented."

"The Status of Women Committee was an early thrust," says Assistant Provost

"Staff members who have never before had a chance have that chance."

Luverne Walton. "It raised staff awareness that something finally could be done to improve their employment situation. They saw constructive opportunities to contribute and improve the campus through the committee."

Information from the Status of Women Committee also acted as an irritant, however. "The University community never was informed, although many knew about the report through the grapevine," Schneider says. "This lack of communication was why we wanted our own group — to keep ourselves informed."

Staff identity continued to grow, while the news media, which covered the University in subsequent years, ignored staff. "It was like we didn't make any contributions at all to the University,"

Schneider says. "We felt there was no recognition of staff. We read in the paper that faculty were being given extra money for salary improvements, while a high proportion of staff were eligible for food stamps. It had become a moral issue."

Then came the Hayes Study, the evaluation of administrative-professional positions. As the study continued over a two-year period, employees said they received little information on the study's progress. When its findings were implemented, many employees who had anticipated upgrading of their positions were disappointed. Staff activity to form a council increased.

In response to the heightened concern, Ken Hutchinson, former employee relations director, initiated a Campus Management Advisory Committee of

administrative-professional staff appointed by the chancellor. Although the group spent many hours working on staff problems, many staff members did not realize who it was or what it was doing.

Staff members, meanwhile, began meeting at 6:30 a.m. and after work at night. About two or three dozen people eventually drafted a petition which was circulated in 41 staffing areas and was presented to the Chancellor on Sept. 1.

Now the real work needs to be done. Each staff member must vote on council leadership.

"It is important to get the council started with broad support," Bell says. "Staff members who never before had a chance to have themselves heard on issues which affect University policy and affect their future now have that chance."

Faculty Council, MSA recall early years, offer suggestions

The Faculty Council developed in a manner similar to the new staff council. Charles Mullett, professor emeritus of history, remembers its early years.

Faculty Council evolved from the University policy committee, he said, "a small group hand-picked by the president." (There was no chancellor at the time.) The group confined itself to topics that were chosen by the president or widely felt to be important.

"The policy committee did not distinguish itself by originating much, and dissatisfaction developed," Mullett said. "The committee had become known as an administrative mouthpiece."

As a result of mounting pressure from younger, more independently-minded faculty, it became apparent to the chancellor that to appoint just "buddies" would no longer do, Mullett noted. An elected body called the Faculty Council on University Policy was created in the late 1960s.

Reflecting on his council service, Mullett said the group always intended to introduce new projects, but frequently got bogged down in old business. "In early years, problems were so critical with students and University reorganization that little else was initiated."

Mullett is optimistic about the possibilities represented by a staff council

and suggests there might be times when the staff group could work with the Faculty Council "to create a united front."

Faculty Council president David West, however, does not believe the staff council will play the same role as the Faculty Council, which has been granted certain powers by the Board of Curators to function as a legislative group. It can make some decisions on the faculty's behalf. Exactly how the staff council may act on the staff's behalf in more than an advisory role is uncertain.

For students, formal representation began in the early 1900s. Formation of the staff council is viewed as "a major step" by Doug Liljegen, Missouri Students Association president.

But, Liljegen says, "I can see problems for the staff council because it is a more diverse group, harder to organize."

From their experience, both Liljegen and Mullett offer suggestions to the new group.

Liljegen: Keep in mind that it is vital to be an association, rather than a governing body. There should be less focus on leadership and more on involving the entire group.

Mullett: Keep it simple and small to be administratively effective. Consistently focus attention on what are the primary concerns.

Alumni association recognizes achievement

The UMC Alumni Association will confer six faculty and eight alumni with its highest honor at the 11th annual Faculty/Alumni Awards Banquet Oct. 6.

Association President Jerry Tiemann and Columbia campus Chancellor Barbara S. Uehling will present the awards. University President James Olson and former award winners also will attend the banquet, which will be held in the Memorial Union ballroom. Honorees will attend the Illinois-Missouri football game the following day.

The program's purpose is three-fold: to recognize individual achievements and service to the University, to focus attention on the honorees and their relationships to the University and to bring together the recipients, their colleagues and other University leaders.

Faculty awards to six

Mary M. Lago, a graduate of Bucknell University and UMC, is a specialist in modern Bengali literature. She has translated two volumes of fiction written by the Nobel Prize-winning poet Rabindranath Tagore. Lago teaches undergraduate and graduate courses and is a member of the editorial board of the journal, *Twentieth Century Literature*.

Since completing his doctorate at UMC in 1963, chairman of the family economics and management department **Edward J. Metz** has written prolifically — more than two dozen articles and more than 50 papers for presentation at professional meetings. He frequently has served on professional committees and boards and as a consultant for corporations and government agencies.

In 1970, **J. T. McGinity** received the UMC Veterinary School's "Teacher of the Year" award. He is a clinician in the school's large animal clinic and in widespread demand as a consultant on animal health problems.

John B. Miles holds degrees from the University of Missouri-Rolla and the University of Illinois. He is a registered professional engineer, has directed four doctoral dissertations and ten master's



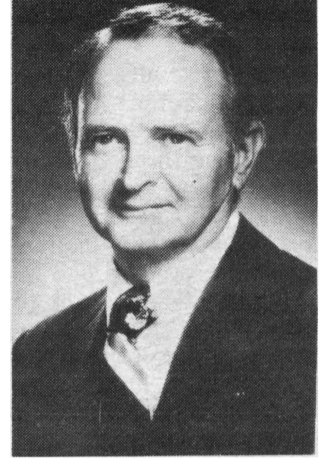
John W. Megown



Harold S. Hook



Marian V. Hamburg



Robert N. Hunter



John Sam Williamson



Ike Skelton



Betty Cole Dukert



J. Harold Bragg

theses and is engaged in five federally funded research tasks.

Grant S. Nelson holds B.A. and J.D. degrees from the University of Minnesota. He has published extensively and is the coauthor of a text for second- and third-year law students. Nelson has served on the student conduct committee and the Committee on Student Publications.

William F. Pfander, associate dean of the College of Agriculture and associate director of the UMC Agricultural Experiment Station, has served as an external examiner for doctoral candidates in five countries. He has contributed to nearly 200 publications, serves as reviewer for the *Journal of Wildlife Management* and as associate editor of the *U.N. World Review of Animal Production*.

Eight receive alumni awards

Chairman of the Iowa Agriculture Promotion Board for eight years, **John W. Megown** is a commentator on Cedar Rapids' WMT radio and an editorial advisory committee member of *Agri Marketing Magazine*. He was associated with several of the nation's leading agribusiness firms before joining Vigortone in 1968.

Harold S. Hook, chairman and chief executive officer of American General Insurance, serves on the boards of directors of four major corporations, is a trustee of American College and an executive board member of the Houston area Boy Scouts of America. California State University appointed him an adjunct professor in 1972. In 1965, Hook received the UMC Alumni Association's Citation of Merit.

Marian V. Hamburg heads New York University's department of health education and has directed many health training, planning and management programs. She often serves as a consultant in international health matters and frequently contributes to professional publications.

The Missouri highway department's chief engineer since 1970, **Robert N. Hunter** has served as president of the American Association of State Highway and Transportation Officials and as executive committee chairman of the National Academy of Science's Transportation Research Board. In 1971, UMC's College of Engineering recognized him with its Distinguished Service in Engineering award.

A member of the Board of Curators from 1969 to 1975, **John Sam Williamson** also has directed the Missouri Farm Bureau and headed Missouri's 4-H Foundation. He is former state commissioner of agriculture and chairman of the State Board of Training Schools.

Ike Skelton won his first elective office, Lafayette County prosecuting attorney, at

the age of 24. In 1970 he was elected to the Missouri Senate and in 1976 to the U.S. House of Representatives. He serves on the agriculture and small business committees.

Betty Cole Dukert joined "Meet the Press" as associate producer in 1956. In 1971 she was honored by the National Academy of TV Arts and Sciences for her work as associate producer of the NBC News special, "The Supreme Court and the Pentagon Papers." The UMC Women's Centennial Committee selected Dukert in 1967 as one of 100 distinguished alumnae.

A former UMC chief engineer and physical plant superintendent, **J. Harold Bragg** is chairman and chief executive officer of Winnebago Industries of Forest City, Iowa. Bragg has participated in many civic and professional organizations and is a director of several Iowa and Missouri corporations.



Mary M. Lago



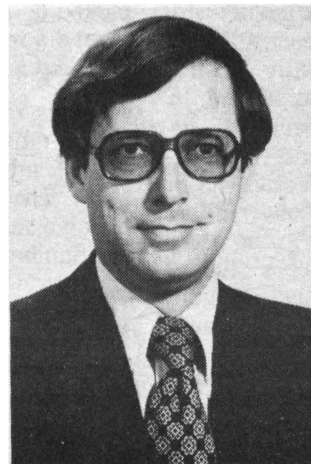
Edward J. Metz



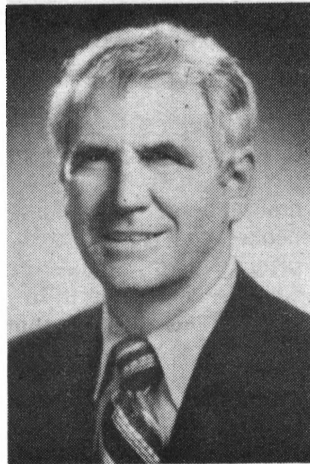
J. T. McGinity



John B. Miles



Grant S. Nelson



William F. Pfander

CAMPUS COLUMNS

Campus Columns is published monthly except July and August, and is published twice in September for the information of all University of Missouri employees on the Columbia campus. It is edited under the supervision of the Office of Public Information in cooperation with the Personnel and Business Offices. Contributions and information for this paper should be sent to 329 Jesse Hall.

For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

Editors: April Walgren
Catherine Kernen

The University of Missouri
An Equal Opportunity Institution

Aid for alcoholic employees available at UMC

He is a UMC employee and a recovering alcoholic.

"Being drunk affected my work," he says. "For example you begin to miss assignments. You take up a lot of tasks, but don't follow through on them. I thought I was doing okay but I wasn't. Alcoholics are great rationalizers, always careful, always trying to hide their problem. But people notice even though they may not say anything. What I think is amazing is that after I got help and returned from the treatment center, I got tremendous support from my colleagues. They said, 'thank goodness you finally decided to do something!'"

"There are little things off the job that indicate that you have a problem with alcohol, and if you see them, you should think seriously about contacting the Employee Assistance Program. If you are the first to come and the last to leave a cocktail party; or if you have a couple of drinks before you go to the party in case they run out of booze; or if you always are the first one to volunteer to tend bar — then chances are you have a problem.

"Alcoholics will rationalize their drinking pattern — that's another clue. You will say to yourself, 'I won't drink until 5 p.m. today', or 'not until Saturday'. That way you delude yourself into thinking that you don't have a problem, since you didn't drink for maybe three days and that proved it.

"An excellent sign that you are well on your way to being an alcoholic is a blackout. If you drink the night before and



"Alcoholics are rationalizers, always trying to hide their problem. But people notice."

the next morning you feel great, but you can't remember what you had for dinner — you need help."

But can't a problem drinker with a strong will stop drinking on his own?

"I know of very few people who are alcoholics who can stop without help," he says. "An alcoholic is an addict. There are not too many addictions, such as gambling, or overeating, that you can quit without getting help.

"By the time I went to the EAP I was at the point where I needed to go to a treatment center. And in taking that step, the Employee Assistance Program was absolutely essential. My wife checked in for treatment with me, since an alcoholic has spent years ruining the lives of his family, and also since the reasons that he drank in the first place have to be straightened out. EAP made arrangements for a follow-up program as well.

"Throughout the time I worked with the EAP, they were totally professional; there were never any leaks in the confidentiality, and they were wonderful with my wife.

"If any employee thinks that he may have a drinking problem, I would advise him to call the Employee Assistance Program at 882-6701. If he doesn't want to do that, he should call Phoenix House Administration at 442-7026 to find out when the next AA meeting is and go.

Believe me, he'll be glad he did."

What EAP does

The Employee Assistance Program works two ways — helping employees to overcome alcohol and other personal problems that interfere with job performance and helping the University maintain its manpower and productivity. Both come out ahead.

Referral services are offered to all UMC and UM employees and their families who need professional assistance in solving personal problems.

Any problem serious enough to adversely affect an employee's job performance warrants EAP services. Prevention and early intervention in problems are stressed.

Individuals may go directly to the EAP or be referred by an employment supervisor. When the troublesome area is identified, the employee will be directed to the appropriate professional treatment source.

For more information on the EAP, persons may call 882-6701.

Staff benefits include annuity, tax advantages

Supplementing income beyond social security checks is a necessity for most retired persons.

The tax-deferred annuity plan, a program available to far-sighted UMC employees, provides one solution, says UMC staff benefits supervisor Leroy Sharp.

Any person who is at least a 75 percent full-time University employee is eligible.

Annuity plans are contracts between an employed person and an insurance company by which a portion of the person's salary is deducted by his employer and invested by the company. When the person retires, the withheld income plus interest provides retirement resources.

Not until retirement use is the income reported to the Internal Revenue Service and taxed. Usually the person occupies a lower income tax bracket than during his employment, and his tax rate is less.

If the employee has chosen a fixed annuity plan, he or she is guaranteed a particular return upon retirement. The employee's salary deductions usually have been invested by the insurance company in face-value dollar obligations such as mortgages and bonds. The alternative, the variable annuity plan, cannot guarantee a

fixed rate of return because its premiums usually have been invested in stocks.

Because the purpose of annuities is to provide income for the length of one's life, says Sharp, the person must know what he is getting into. Long-range financial plans don't coincide with everyone's lifestyle.

Therefore, Sharp suggests, persons who might be interested in retirement planning should ask themselves these questions:

Am I going to remain with an educational institution or will I move on to private business or perhaps self-employment?

Am I able to manage an income deduction of at least \$25 each month from my salary?

Do I have a financial consciousness? Am I aware of my income and expenses?

Those who choose the annuity route to retirement planning realize, says Sharp, that they quite often haven't the time or expertise required to best invest their money.

The University, therefore, has authorized 26 companies to sell tax-deferred annuities.

Data collected in a recent survey by Mike Reese, UM staff benefits manager, may help the comparison shopper determine in which program to enroll. Contract variables, such as load charges, interest payments and cash values of the annuities differ considerably from com-

pany to company. Sharp advises employees to consult the survey results, which are available at the staff benefits office, 307 Hitt St.

Signing a contract under any circumstances is serious business. Because the IRS allows but one contractual change per calendar year, Sharp stresses the importance of carefully reading and considering the agreement.

When ready to enroll, individuals must obtain, from the staff benefits office, a form authorizing the University to set aside part of the employee's income. By federal law 20 percent of the annual income is the maximum withdrawal amount on which taxes may be deferred.

Women in crisis helped by UMC gyn counselors

Counseling service for women students in crisis situations now is available through the Gynecology Resource Group at the UMC Student Health Service.

An extension of the gynecology clinic, which opened three years ago, the group was initiated by Diane Brukardt, interim director of the Student Health Service, because of the students' need for personal counseling.

Counseling and medical care is provided for students with unwanted pregnancies or who fear pregnancy or contraction of venereal disease from rape or date-rape (a term used by the clinic to describe victims, unprepared with contraceptives, who are pressured into intercourse by their dates.)

"The service is available to offer information people need to make a judgment about their situation," Brukardt said. The group helps students who consider themselves in a crisis to solve their problems and feel in control of the situation.

"Options for immediate action are given to students, such as the morning-after contraceptive for rape victims," Dorothy Rodgers, gynecologist at the clinic, said. For long-term decisions such as abortion and adoption, students are referred to

agencies in town such as Planned Parenthood, Reproductive Health and Open House.

Each member of the staff is available for counseling. Frequently Joan Bell, secretary to the interim director, and the gynecological nurses talk with the students who are emotionally upset until the gynecologist or psychiatrist is available. "The staff works as a team to make the student's life easier while going through a crisis," Rodgers said. "We've found person-to-person contact is necessary to offer options to students with unwanted pregnancies, and counseling in more than one session with several members of the group is recommended."

The medical staff—a gynecologist, internist, psychiatrist and nurses—is working to smooth its approach to students in emergencies. With the gynecology clinic booked ahead five weeks, the group gives priority to immediate care of a student who feels she is in a crisis. Rodgers stresses the confidentiality of patient information even within the clinic.

"Students have an interesting mixture of naive and sophistication about their bodies," Rodgers says. An important service of the clinic, she feels, is to provide educational materials on contraception

and personal health care in written form.

Rodgers plans to make premarital counseling for both partners available in the future.

Entertainment on ice

That perennial family favorite, the Ice Capades, will appear Wednesday, Oct. 25 through Sunday, Oct. 29 at the Hearnes Multipurpose Building.

Tickets may be ordered by mail or picked up at the box office, which is open from 9 a.m. to 5:30 p.m. Monday through Saturday.

Admission is \$4, \$5 and \$6; for students, senior citizens and youth (16 years and under) admissions are \$2.50, \$3.50 and \$4.50. The discounts, however, are applicable only for the Wednesday, Thursday and Sunday evening performances.

Mail order requests should include a stamped, self-addressed envelope and check payable to the University of Missouri.

Performances Wednesday through Saturday begin at 8 p.m.; Sunday performances are scheduled at 2 and 6 p.m.

Pre-registration for winter term

Staff members taking courses under the Educational Assistance Program may pre-register for the winter semester at UMC Oct. 16 to 20 and 23 to 25.

Registration packets for currently enrolled students will be distributed through deans' offices.

Each EAP student must obtain from the personnel office Form UM-UW 84-1 for approval by his department chairman. The form also must be presented at the cashier's window when paying fees.

Fee statements will be mailed to the student's local address. If fees are not paid by Dec. 15, registration will be cancelled.

New med center volunteer head

Marilyn Reynolds, a UMC graduate and employee in the University's personnel office for the past three years, has been appointed coordinator of volunteer services at the UMC Medical Center.

She supervises the more than 300 volunteers, including members of the Red Cross Volunteers and the Hospital Service League, who assist the hospital staff.

Reynolds, who replaces Marilyn Barnard, assumed her new duties Oct. 2.

Police employee publishes article

Mick Deaver, assistant director of the UMC police, has written an article that appeared in the September issue of *Police Chief* magazine.

In "The Fifth Quarter: Law Enforcement and Spectator Sports," he reviews behind-the-scenes planning for maintaining order at sporting events and concerts.

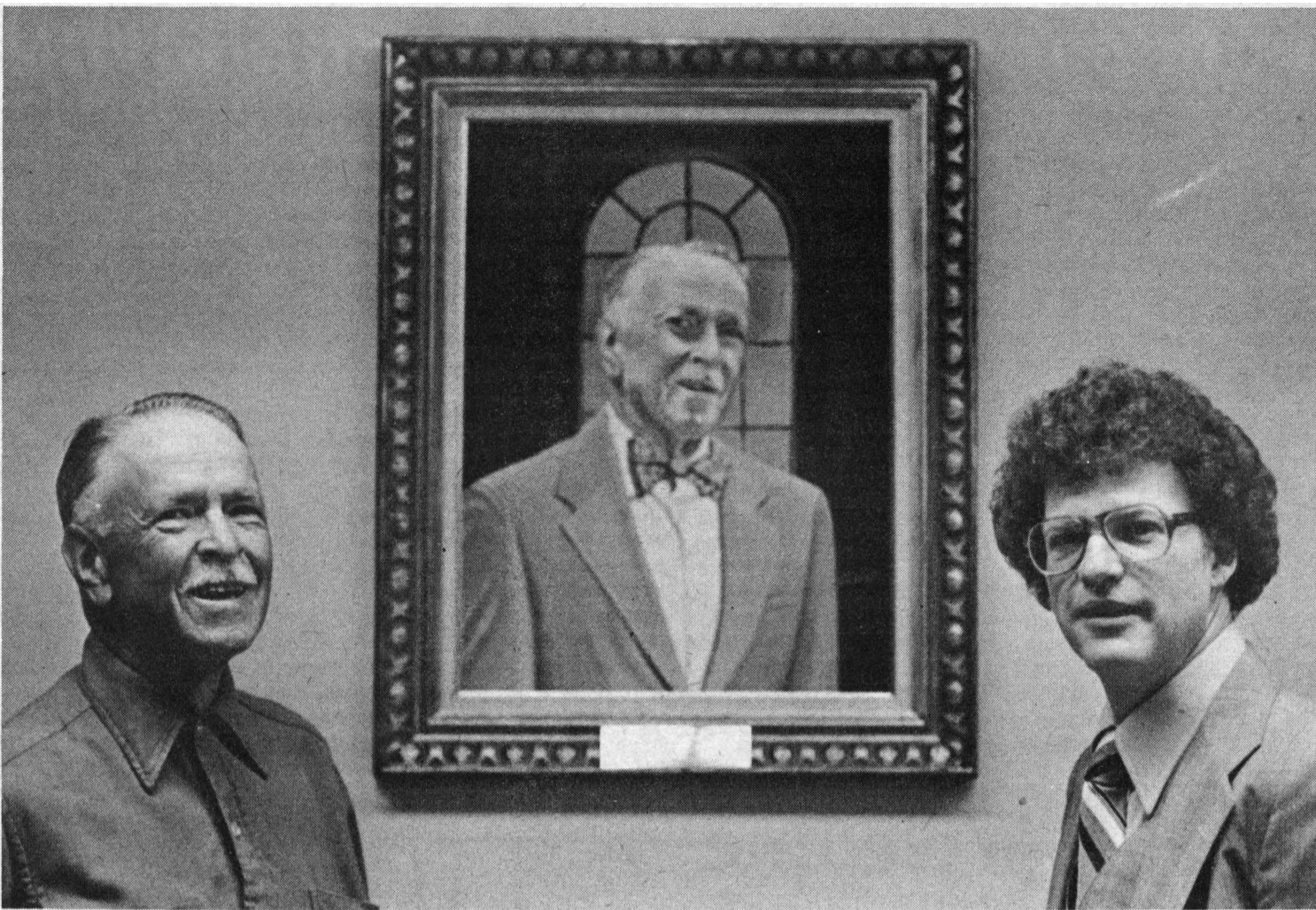
In addition to noting the musts of a pre-event inspection, Deaver says police planners must consider the psychological influences of shift design, meal rotation, length of event and weather.

Deaver, who holds a bachelor's degree from UMC and a master's degree from Webster College, recently graduated from the FBI Academy. He has been a member of the UMC police for seven years.

Bookstore boss board president

William H. Connor, manager of the University Book Store, presided at a meeting of the board of directors of the National Association of College Stores. The meeting was in Oberlin, Ohio, Aug. 3-4.

Connor previously served on the board of directors for three years. He also has been on the group's book, nominating and finance/budget committees and was secretary for four years of the Mid States Association of College Stores.



Newell Gingrich

Thomas Wolfram

Portrait an outlet for Wolfram, UMC physics department chairman

Some people who watch *The Tonight Show* and Tom Snyder into the early morning hours knit. Others write letters. Tom Wolfram paints.

Families, staff, faculty invited

Family Day is not just for families.

The second annual UMC event, scheduled for Saturday, Oct. 14, celebrates visits by students' relatives and friends to the campus by offering special programs and open houses. Those programs also offer a good opportunity for faculty and staff to become better acquainted with their University.

The day begins with welcome and registration at 8:30 a.m. in Memorial Union. Programs will be available there for visitors to map out a plan of activities for the day.

Nine academic divisions and several departments and living units have planned open houses. Many campus facilities and museums have expanded their hours for the occasion.

An entertaining lecture, "Shakespeare and the Major Emotions" by William "Mack" Jones, UMC English professor and Shakespeare scholar, is set for 10 a.m.

Football action in the afternoon pits Missouri against Iowa State. Game time is 1:30 p.m.

Family Day is coordinated by UMC's Office of Public Information. Additional details may be obtained at 329 Jesse Hall.

"I just haul out an easel into the living room," he says.

It's a way for Wolfram to unwind after teaching and administering all day. Chairman of UMC's physics department, Wolfram is unable to pursue his hobby during daylight hours.

Fellow faculty members, however, are not unaware of his artistic interest. When the physics library was renamed the Newell S. Gingrich Library, faculty members decided a portrait of the professor emeritus should be hung.

Wolfram volunteered his talents, even though this canvas would be his first exhibited in a public place. Earlier portraits of friends remain at home.

Troutner is ABWA's nominee

Friends describe Sue Troutner as a person always working to improve herself. Co-workers say she is outgoing and "always around to help." Peers in the Missouri Charter Chapter of the American Business Women's Association (ABWA) have elected her "Woman of the Year."

Troutner's job on campus is administrative secretary to Kenneth Larson, associate dean in the College of Agriculture. Before her promotion to the administrative secretary position, she spent two and one-half years as a secretary-stenographer in the food science department. Troutner began her fourth year at the University in August.

Her selection for the award was based on advancement in business, continuing education and participation in ABWA, of which she is a past president. Outside activities — involvement in the National Secretary Association's UMC chapter, PTA and Weight Watchers — were also considered. As part of a personal effort "to keep up with the business world," she has enrolled in a business English class

Approximately 60 hours after borrowing a photograph of his subject from Gingrich's wife, Wolfram had finished the portrait.

He says his technique still "is not real good but the ability to reproduce remains."

Colleagues and friends of Gingrich who honored him at an informal reception Sept. 12 during which the portrait was unveiled agreed. "The twinkle in his eye is still there," many said.

Gingrich, a member of UMC's physics faculty from 1936 to 1973, received the third annual Distinguished Faculty Award in 1962. He held a National Science Foundation fellowship, is a past president of the Missouri Academy of Science and a fellow of the American Physics Society.



Sue Troutner

through the Columbia Public Schools' vocational evening program.

Troutner will be recognized at a special Women of the Year luncheon at ABWA's annual national convention, Nov. 2 to 5,

in Atlanta. More than 1,500 chapter Women of the Year are expected to attend. A list of "Top Ten Business Women" and the organization's "Business Woman of the Year" will be selected from that group.



EMPLOYEE ASSISTANCE PROGRAM

A program for faculty and staff is a confidential referral service for all employees and their families who are seeking solutions to persistent personal or work-related problems.

TAKE ACTION . . . Call 882-6701
UMC Employee Assistant Program
215 Columbia Professional Bldg.

One-of-a-kind lab won by UMC scientist Patrick Harris

Patrick Harris has won a national contest, and he didn't even have to send in a box top.

Harris, a physiology professor and investigator at UMC's Dalton Research Center, competed with scientists from across the country for a unique conglomeration of equipment called an intravital microscopy laboratory.

What is an intravital microscopy laboratory, and who needs it?

Microcirculation investigators, like Pat Harris, need it to see what is going on in blood vessels.

Harris heads a group of microcirculation investigators, physiologists David Wiegman and Irving Joshua and pharmacologist Fred Miller, all of whom have received federal grants for research into the workings of the smallest members of the vascular system.

The laboratory resides at California Institute of Technology in Pasadena where its inventor, Harold Wayland, who is retiring, asked that a competition be held to find a home for his lab, an ingenious combination of specially designed and

stock items developed over a 15-year period.

A committee of internationally known biomedical scientists judged the applicants for the laboratory.

Competition was tough. The committee finally narrowed the field to two scientists: Harris and a man of greater reputation, one whose accomplishments over many years of research were well known to his peers.

The selection committee was ready to flip a coin when it decided to visit the two potential work sites.

The search was over.

Rachmiel Levine, deputy director of research at the City of Hope National Medical Center and chairman of the committee, wrote:

"In the case of Patrick Harris at Missouri, this research equipment would become the center of his program. The facilities for housing are excellent, and the administrative bodies at Missouri have been specific and generous in support of the move and its implications for all possible scientific participants."

Wayland, the lab's creator, is satisfied. "I am particularly pleased to see the laboratory in the hands of a young, vigorous, imaginative research team," he wrote to Harris. "It is not easy to part with one's 'child,' but ... I am pleased to see the laboratory being transferred to your capable direction."

The lab equipment—laser, microscope, lenses, filters, television camera and much more — now is being disassembled for shipment to Columbia. It will be ready for operation at the Dalton Center in early 1979.

The UMC microcirculation group will use the equipment to investigate the effects of drugs and naturally-occurring agents on the vascular system of rats with induced high blood pressure.

Use of the Wayland equipment will enable the viewing of vasculature as small as one micrometer in diameter.

The system uses a laser beam, which shines through animal tissue that has been injected with a fluorescent solution acting as a "tag" to other molecules the researchers want to trace.

A laser beam focused through filters aims the proper light frequency on the tissue to allow illumination of the fluorescent material. A television camera "sees" the fluorescence through a microscope and transmits the image to a monitor.

Researchers, then, can follow the tagged molecules. They can watch fat molecules attach to the arterial walls, the phenomenon involved in atherosclerosis (hardening of the arteries).

Harris is studying the effects of oxygen and carbon dioxide in skeletal tissue. He recently spent a year's sabbatical in Wayland's laboratory continuing that research, which helped his effort to inherit the Wayland equipment.

Other tissue investigations can be made with the Wayland equipment, and plans already are being made with scientists from as far away as Japan.

One thing is certain. Location of the intravital microscopy laboratory at UMC will make the campus the nation's focal point for microcirculation research.

It was a contest worth entering.

Welcome

Pamela Thompson Allen, senior stenographer, university extension division; Terry Lynne Fetterly, secretary-stenographer; state cooperative extension service; Leroy Howard Jr., student services coordinator-counselor, student life; Beverly Jean Moore, administrative assistant, state cooperative extension service; Elias King, food service worker II, dormitories; Yves Colon, library clerk, library; Martha J. Cooper, food service worker I, dormitories.

Ella P. McCollum, food service worker I, dormitories; Frederick M. Fischer, production assistant, KOMU-TV; Carole Ruth Dasta, library clerk II, library; Patricia Kay Sprague, stenographer, student life; Shirley A. Reber, clerk typist, agriculture dean's office; Melissa Ann Leible, food service supervisor I, dormitories; Charles Everitt Hayes, food service worker I, dormitories.

Billy Bob Schmitton, food service worker II, dormitories; Francis D. Edwards, food service worker I, dormitories; Mary Susan Neese, secretary-stenographer, student life; Gerry Mike Mitchell, food service worker I, dormitories; James G. Farwig, food service worker II, dormitories; Betty Lee Bradford, food service worker I, dormitories; Sharon Kay Barber, food service worker I, dormitories.

Allen D. Schneider, food service worker II, dormitories; Peggy Lee Moser, clerk II, registrar and admissions; Marilyn Jean Papst, stenographer, political science; Janet L. Turner, clerk, college of public and community service; Randall K. Hoover, senior research laboratory technician, agriculture dean's office; Deliva Towers, animal health technician, veterinary medicine; Jacqueline Shaffer, secretary-stenographer, veterinary medicine dean's office.

Frank J. Gadusek, research laboratory technician, veterinary medicine; Rose Marie Wood, desk attendant, dormitories; Richard Lee Chapman, food service worker I, dormitories; Christopher E. Deollos, food service worker II, dormitories; Karl Eugene Washington, food service worker II, dormitories; David Alan Wallace, food service worker II, dormitories; Cheryl Jean Guthrie, food service worker II, dormitories.

Hilary Ekpe, accounting clerk, purchasing; Beverly Versey, food service worker I, dormitories; Cynthia Lynn Kelly, clerk typist, graduate school; Michael Freeman, library clerk, II, library; Diana Eckhardt, secretary, business and public administration.

Francine Bennett, senior secretary, university extension division; Suzie Rike,

secretary-stenographer, special education; Betty Posz, senior secretary, university extension division; Jean Szoko, secretary, chancellor's office; Jan Bradley, senior stenographer, agriculture dean's office; Sharon Edgley, secretary-stenographer, education administration; Joyce Freese, secretary-stenographer, development fund.

Sue Verner, secretary, education administration; Karen Hurt, secretary-stenographer, journalism; Theresa Chasteen, stenographer, student health; Judith Marsh, secretary-stenographer, budget planning; Mindy Murry, senior stenographer, music; Bonnie Arnold, senior secretary, staff benefits; Judy Lytle, microfilm operator, microfilm operations.

Laura Castilaw, microfilm operator, microfilm operations; Willie Jones, microfilm operator, microfilm operations; Wilma Gulstad, manuscript specialist, western historical manuscripts collection; Nancy Barnes, data controller II, computing activities; Joseph Duran, computer operator, computing activities; Johnny Tarrant, chemist, environmental research center.

Mary Jean Umbershine, animal technician, Sinclair research farm; Deborah Ford, senior computer programming analyst, computing activities; Stephanie Staats, clerk, technical education; Richards Ahrens, senior information specialist; computing activities; William Robinson, senior methods and procedures analyst, management services; Terre L. Pace, senior clerk, university press; Cindy Levins, keypunch operator, computing activities.

Tony Lee Barnes, computer operator, computing activities; Janice Fuemmeler, secretary-stenographer, architecture; Michael Craig, assistant pressman, technical education; Vivian Lee, computer programmer I, office of research; Muriel F. Taylor, accounting clerk, provost for administration-fiscal operations; Kenneth Fattmann, head resident, dormitories; Anne Marie Marden, secretary-stenographer, alumni fund management.

Elena Jean Andree, head resident, dormitories; William H. Boyd, food service worker I, student union; Anne Evans Kraft, food service supervisor I, dormitories; Richard Thurston, head resident, dormitories; Diane Mary Venker, head resident, dormitories; Nancy Nanson, senior research laboratory technician, agriculture; Terry Duane Durham, dairy worker, dairy husbandry.

Wilma Irene Fortney, switchboard operator, provost for administration-business operations; Carol Jonet Lewis,

cashier, provost for administration-fiscal operations; Jacqueline Walker, research laboratory technician, biological sciences division; W. Lon Hutchison, computer operator, provost for administration-program development and resource management; Karyn D. Hahn, senior stenographer, intercollegiate athletics; Jewell Edward Cundiff, draftsman, physical plant.

Donald W. Coble, library clerk II, library; William Alan Schell, electrician, building operations; Gene William Craven, radio producer, provost for academic affairs; Roger Lee Casadei, janitor, physical plant; David Lee Lancaster, maintenance man, physical plant; David W. Holly, electrician, physical plant; Frances Evans, secretary, education.

William Keyes, janitor, dormitories; Catherine Newton, senior accounts clerk, student life; Maddyann Cunningham, secretary-stenographer, alumni development; Mary Nickle, clerk typist II, registrar and admissions; Debbie J. Dexter, senior clerk typist; provost for administration; Philip W. Bledsoe, student services advisor, student life; E. Anna Hartley, secretary-stenographer, veterinary medicine.

Sandra L. Calvert, clerk typist II, registrar and admissions; Richard J. Bolger, patrolman, university police; Patti Gilliland, research specialist, Dalton research center; Carolyn Anne Gamache, secretary, extension division; Joan Dallam, counseling psychologist, counseling services; Robert K. Wieder, research laboratory technician, biological sciences; Vicki S. Dennison, secretary, arts and science dean's office.

Dawn Marie Hinshaw, secretary, women's studies; Jack Berkstresser, computer programmer I, education; Mary Jane O'Halloran, secretary-stenographer, rural sociology; Phyllis M. Larson, senior stenographer, intercollegiate athletics; Lisa Lim, senior secretary, library; Laura Jean Bennedum, cashier, university bookstore; Wilbert L. Minnis, food service worker I, dormitories.

Amy Lillian Bernstein, secretary-stenographer, education; Robert Lee Hitch, assistant athletic director, intercollegiate athletics; Judy O. Litton, senior secretary, extension division; Carol Ann Botner, senior stenographer, law; Sherry Diane DiMaggio, secretary-stenographer, veterinary medicine; Wanda Reeves, secretary-stenographer, school of business; Nancy J. Wilson, secretary-stenographer, psychology.

Sandra Neuswanger, research laboratory technician, veterinary

medicine; Lisa G. Warren, secretary-stenographer, education; Karla Mae Cook, clerk typist, office of public information; Steve Lynn Dunnegan, production assistant, extension division; Susan Williamson, production assistant, extension division; Mary K. Glover, clerk typist, office of employee relations; Earl E. Stapleton, food service worker I, dormitories.

Robert M. Benningfield, janitor, dormitories; Judith A. Stock, senior clerk typist, engineering; Mary K. Eschmann, research specialist, agriculture; Jeffrey W. Crough, patrolman, university police; Denise Abrams, parking lot guard, university police; Jennifer Ballsrud, preschool assistant, extension division; Marj Lombardi, secretary, extension division; Ruth Eddy, library clerk II, library.

Susan A. Coleman, secretary-stenographer, agriculture dean's office; Teresa L. Humphreys, senior stenographer, English; Ronald D. Fischle, secretary, chancellor's office; Kenneth L. Marshall, food service worker II, dormitories; Anthony L. Gaines, food service worker II, dormitories; Ronald L. Lewis, janitor, dormitories; Margaret Hayes, accounts clerk, purchasing.

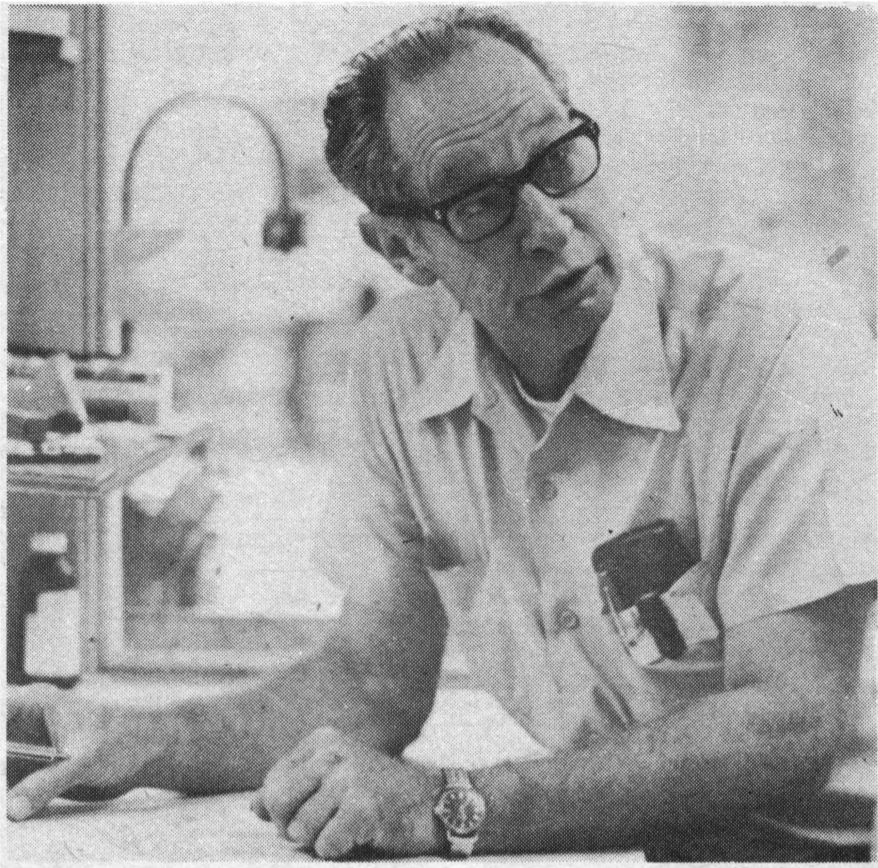
Jamaine Marie Vetter, quotation clerk, purchasing; Marla Hollandsworth, student services adviser, student life; Delores Kay King, ticket clerk, student life; Terry Roy Frieden, producer, KOMU-TV; Robert Ulrich, carpenter, physical plant; Robert Riley Caldwell, senior sales clerk, student union; Naomi Thies, secretary, education.

Patsi Clark, nursing technician, nursing; Gerald Landrum, nursing attendant, unit management; MaDonna Jacob, nursing attendant, unit management; Cynthia Meek, senior research laboratory technician, surgery; Joseph Buffa, accounting clerk, business office; Katherine Berkemeyer, secretary, obstetrics and gynecology.

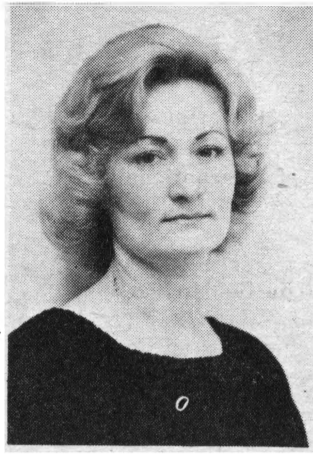
Deloris Coats, nursing technician, nursing; Hazel Hulen, nursing technician, nursing; Michael Perkins, audiovisual technician, educational resources group; Anna Wright, food service attendant I, nutrition and dietetics; Mary Ann Kilmer, registered medical technologist, pathology; Mary Mitchell, patient accounts representative, business office.

Wendy MacDonald, assistant social worker, social service; Deborah Young, senior receptionist, medical practice income plan; Sarah Campbell, senior accounting clerk, accounting; Jane Hendry, secretary-stenographer, hospital school;

Service Awards



Holman McLoad has been a supervisor in the Tech Ed pressroom for 30 years.



Mildred Hudnell
sr. clerk
extension
10 years



Martin Mitchum
audio spec.
extension
10 years



Nancy White
fiscal asst.
v.p. for admin. aff.
10 years



Johnny Washington
food serv. worker IV
memorial union
10 years



Elizabeth Ridgeway
sr. secretary
office of the pres.
20 years



Helen Roehlke
psychologist
testing & counseling
10 years



Maxine Roberts
sr. secretary
germanic languages
10 years



Madge Dixon
housekeeping supervisor
dormitories
20 years



Donna Moore
accounting clerk
provost for admin.
15 years



Patty Johnson
receptionist II
a & s dean's office
15 years



Marilyn Selovich
sr. secretary
office of the pres.
20 years



Donald Rose
accountant
v.p. for admin. aff.
10 years

Welcome

Linda Anthony, assistant director, nursing service; James Gladden, custodian, housekeeping.

Shari Morrow, custodian, housekeeping; Terry Johnson, food service attendant II, nutrition and dietetics; Chandra Amarakone, food service attendant I, nutrition and dietetics; Dolores Williams, secretary, family and community medicine; Joyce Schlemper, secretary-stenographer, child health; Mary Beth Moynihan, registered medical technologist, pathology.

Freda Taylor, custodian, housekeeping; Jeanette Kovats, graduate nurse, nursing service; Christine Mueller, food service attendant I, nutrition and dietetics; Dorothy Parcel, custodian, housekeeping; Mark Reed, nursing unit supervisor, unit management; Eddy Horst, food service attendant II, nutrition and dietetics.

Nelpha Cornett, custodian, housekeeping; Terry Wilkerson, custodian, housekeeping; Cathy Maas, medical record supervisor, medical records; Janet Steelman, nursing attendant, unit management; Patricia White, nursing technician, nursing; Anita Henry, senior licensed practical nurse, nursing.

Fay Hutton, graduate nurse, nursing; Sandra Besper, graduate nurse, nursing; Barbara Braznell, graduate nurse, nursing; Kathleen Coffelt, graduate practical nurse, nursing; Barbara Bannister, graduate nurse, nursing.

Deborah Kempf, graduate practical nurse, nursing; Pamela Stertz, graduate practical nurse, nursing; Deanna Edwards, graduate practical nurse, nursing; James Boyle, nursing attendant, unit management; Mary Patton, staff nurse, nursing; Patricia Raju, staff nurse, nursing.

Ronetta Rowland, graduate practical nurse, nursing; Laurie Gosselin, graduate practical nurse, nursing; Tammy Wright, secretary, director's office; Rosanne Batema, senior research laboratory technician, medicine; Valerie Stevens, clerk, business office; Marilyn Baker, nursing technician, nursing service.

Joyce Dyer, nursing technician, nursing service; Elizabeth Shoemake, staff nurse, nursing service; Monicia Clayton, secretary, nutrition; Donna Wainscott, nursing technician trainee, nursing; Loritta Williams, nursing technician trainee, nursing; Emma Wells, nursing technician trainee, nursing.

Melanie Parks, senior licensed practical

nurse, nursing; Donna Jowers, nursing technician, nursing; Martha Herrington, nursing technician, nursing; Sonda Buntun, nursing technician trainee, nursing; Barbara Bruce, nursing technician trainee, nursing; Connie Stenger, accounting clerk, medical

practice income plan.

Ronald Brown, nursing technician, nursing; Fonda Smith, nursing technician trainee, nursing; Grace Stephens, accounting clerk, business office; Mary Schwandt, secretary-stenographer, surgery.

Employees receive 5-year pins

The following employees observe their five-year anniversaries with the University this month:

Lawrence H. Feldman, curator, anthropology; Pamela Gaynell Connor, food service worker II, dormitories; Jeannetta Kaye Elliott, secretary, university extension division; Jean Spicer King, academic advisor, arts and science dean's office; Vickie Lynn Battles, janitor, dormitories; George William Wood, animal technician, Dalton research center; Shelly Jean Fisher, senior accounting clerk, agriculture director's office.

Clarence B. Wine, special services program coordinator, student life; Ann M. Mericle, administrative secretary, health services management; Ruth E. Witt, assistant director, museum; Mary Rhonda

White, secretary-stenographer, forestry; Anna Ruth Turner, janitor, dormitories; Marilyn J. Schappert, senior secretary, provost for academic affairs; Sharon Lee Crosswhite, chief accounting clerk, provost for administration-fiscal business office; William Joseph Hines, foreman, agriculture.

David Ervin Mize, assistant pressman; office of business management; John Steve Morris, research scientist, office of research; Linda Marie Glasgow, manuscript specialist, western historical manuscripts collection; David Dean Lane, senior computer operator, computer network; Phillip W. Grant, computer operator, computer network; Jay Vaughn Craig, senior computer operator, computer network; Olytha M. LaBoube, keypunch operator, administrative affairs.

Calendar of Events

ATHLETIC EVENTS

Oct. 7: Football, UMC vs. Illinois, kickoff 1:30 p.m., Faurot Field.

Oct. 11: Women's volleyball, UMC vs. UMSL and UMKC, 6 p.m., Hearnes Multipurpose Building.

Oct. 13-14: Women's tennis, UMC vs. Nebraska and Wichita State, 2 p.m., Hearnes Multipurpose Building.

Oct. 14: Women's field hockey, alumni game, 10 a.m., Stephens Field.

Oct. 14: Football, UMC vs. Iowa State, kickoff 1:30 p.m., Faurot Field.

Oct. 16-17: Women's golf, Missouri Invitational, 9 a.m., A. L. Gustin Golf Course.

Oct. 17: Women's field hockey, UMC vs. St. Louis University, 4 p.m., Stephens Field.

Oct. 25: Women's volleyball, UMC vs. St. Louis University and Central Missouri State, 6 p.m., Rock Bridge High School.

Oct. 28: Football, UMC vs. Colorado, kickoff 1:30 p.m., Faurot Field.

Nov. 3-4: Women's tennis, UMC vs. Ohio State, Kansas and Southwest Missouri State, 1 p.m., Hearnes Multipurpose Building.

CONCERTS, PLAYS

Oct. 4-8: University Theatre, "I am a Woman," the female odyssey past, present and future. Sundays 2:30 p.m., other performances 7:30 p.m. Ticket information from the University Theatre Box Office, 129 Fine Arts Center.

Oct. 6: Jesse Auditorium Concert Series: Paratore Brothers, duo-pianists, 8:15 p.m. Jesse Auditorium.

Oct. 10: Guest Artist Series: Robert Baker, organist, 8:15 p.m., First Presbyterian Church.

Oct. 15: Faculty Recital Series: Santiago Rodriguez, piano, 3 p.m., Fine Arts Recital Hall.

Oct. 16: Faculty Recital Series: Missouri Arts Quintet, 8:15 p.m., Fine Arts Recital Hall.

Oct. 20: University Chamber Music Series: Fernando Valenti, harpsichordist, 8:15 p.m., Jesse Auditorium.

Oct. 20: Kenny Rogers, country music, 8 p.m., Hearnes Multipurpose Building. Tickets are \$7.50, \$6.50 and \$5.50 from the East Box Office, Hearnes Multipurpose Building, from 9 a.m. to 5:30 p.m.

Oct. 22: University Symphony Orchestra: Hugo Vianello, conductor, 3 p.m., Jesse Auditorium.

Oct. 26: Suzuki Children from Japan, 7:30 p.m., Jesse Auditorium. Call 882-3650 for ticket information.

Oct. 27: Singasons: Ira Powell, director, 8:15 p.m., Fine Arts Recital Hall.

Nov. 1: MSA Broadway Play, "Sound of Music," 8 p.m., Jesse Auditorium. Ticket information from the Memorial Union ticket window, 882-4640.

Nov. 1-5: University Theatre: "Finian's Rainbow," 7:30 p.m., tickets at theatre box office.

Nov. 5: Classical concert: "Romanian State Orchestra," 3:15 p.m., Jesse Auditorium.

Nov. 6: University Collegium Musicum: Andrew Minor, conductor, 8:15 p.m., First Presbyterian Church.

OTHER EVENTS

Oct. 14: Family Day.

LECTURERS, SPEAKERS

Oct. 9: "My Mother-Myself: A Look at Mother-Daughter Relationships." Four mothers and daughters of various age groupings explore the contradictions and harmony found in their relationships, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Oct. 10: "Parasites and Water Quality," James Farmer, biological sciences, 7:30 p.m., Room S-203, Memorial Union.

Oct. 11: "Marriage: Making Mine Different." Panel discussion on alternate marriage lifestyles, 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center.

Oct. 12: "Making Partnerships Work." A discussion about factors needed for a happy, workable relationship, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Oct. 16: "Women on TV: Where are the Feminists?" Images of women on TV programs and commercials, Kate Lester, associate editor of the University of Missouri Press, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Oct. 16: "The King's Two Rouses: Providential Revenge in Hamlet," Donald K. Anderson, Jr., 8 p.m., Memorial Union small ballroom. Supported by the University of Missouri Development Fund.

Oct. 18: University Assembly Lecture, "Philosophy and the Development of the Novel," William H. Gass, Washington University, 8 p.m., Arts and Science (Allen) Auditorium.

Oct. 19: "Black Women in the Media." Advice on overcoming obstacles, finding a job and taking advantage of your position by Debra Jefferson, assistant professor, College of Agriculture Editor's Office, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Oct. 19: "The Problem of Educational Reform in West Germany," Detlev K. Mueller of Ruhr University, Bochum, Germany, 7:30 p.m., Room S-206, Memorial Union.

Oct. 20: "An Inside Look at Women's Publishing." Women's publishing from the perspective of Barbara Grier, co-founder of the Naiad press and editor of "The Ladder," a lesbian journal. The program is co-sponsored by the UMC Women's Studies Office and Women's Center, 8:30 p.m., 1 Gentry Hall.

Oct. 23: "Black Feminism." A racially-mixed panel discussion on the black movement, women's movement and choosing, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Oct. 25: "The Discrimination Complaint: How to File and Keep Your Sanity." Recognizing sexual discrimination and filing a complaint, Jackie McClain, campus affirmative action coordinator, 7 p.m., 1 Gentry Hall. Sponsored by the UMC Women's Center.

Oct. 26: ITT Key Issues Lecture Series: "Fit or Unfit Business News," Chris Welles, freelance writer and author on business and economic issues, 3:30 p.m., Memorial Union Auditorium.

Oct. 26: "Women in China." A slide presentation discussion by UMC students and faculty who toured China this past summer, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Oct. 30: Benjamin Memorial Lecture, "Does knowledge 'grow'?" Thomas Kuhn, 8 p.m., Memorial Union Auditorium. Sponsored by the philosophy department and University Assembly Lectures Committee.

FILMS

Oct. 6: MSA film, "Sorcerer," 7 and 9 p.m., Middlebush Auditorium, tickets 75 cents in advance, \$1 at the door.

Oct. 6: Astronomical film of the week, "Shadow Across the Sun," 7 p.m., Room 114, Physics Building. Telescope observing at 8 p.m. in Laws Observatory, free.

Oct. 7: MSA film, "Taxi Driver," 7 and 9:30 p.m., Jesse Auditorium, tickets 75 cents in advance, \$1 at the door.

Oct. 8: MSA film, "Cornbread, Earl and Me," 8 p.m., Jesse Auditorium, free.

Oct. 8: "Wings," (1929) sponsored by the Committee on

Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Oct. 11: MSA film, "Camelot," 8 p.m., Jesse Auditorium, free.

Oct. 12: "Mr. Arkadin," (1955) sponsored by the Committee on Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Oct. 13: MSA Film, "The Omen," 7 and 9:30 p.m., Jesse Auditorium, tickets 75 cents in advance, \$1 at the door.

Oct. 13: Astronomical film of the week, "Mystery of Stonehenge, Part I," 7 p.m., Room 114, Physics Building. Telescope observing at 8 p.m. in Laws Observatory, free.

Oct. 14: MSA film, "Oh, God," 7 and 9:30 p.m., Jesse Auditorium, tickets 75 cents in advance, \$1 at the door.

Oct. 15: MSA film, "Gone with the Wind," 8 p.m., Jesse Auditorium, free.

Oct. 15: "Chimes at Midnight," (1966) sponsored by the Committee on Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Oct. 18: MSA film, "The Longest Yard," 8 p.m., Jesse Auditorium, free.

Oct. 19: "Big Carnival," (1951) sponsored by the Committee on Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Oct. 20: MSA film, "The Other Side of Midnight," 7 and 9:30 p.m., Middlebush Auditorium. Tickets 75 cents in advance, \$1 at the door.

Oct. 20: Astronomical film of the week, "Mystery of Stonehenge, Part II," 7 p.m., Room 114, Physics Building. Telescope observing at 8 p.m. in Laws Observatory, free.

Oct. 21: MSA film, "Straight Time," 7 and 9:30 p.m., Jesse Auditorium, tickets 75 cents in advance, \$1 at the door.

Oct. 22: MSA film, "Seven Beauties," 8 p.m., Jesse Auditorium, free.

Oct. 25: MSA film, "Dr. Strangelove," 8 p.m., Jesse Auditorium, free.

Oct. 26: "Ivan the Terrible, Part I," (1944) sponsored by the Committee on Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Oct. 27: MSA film, "Smokey and the Bandit," 7 and 9:30 p.m., Jesse Auditorium, tickets 75 cents in advance, \$1 at the door.

Oct. 27: Astronomical film of the week, "To the Ends of Time," 7 p.m., Room 114, Physics Building. Telescope observing at 8 p.m. in Laws Observatory, free.

Oct. 28: MSA film, "Carrie," 7 and 9:30 p.m., Jesse Auditorium, tickets 75 cents in advance, \$1 at the door.

Oct. 29: MSA film, "The Haunting," 8 p.m., Jesse Auditorium, free.

Oct. 29: "It's Love Again," (1936) sponsored by the Committee on Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Nov. 1: MSA film, "The Thin Man," 8 p.m., Middlebush Auditorium, free.

Nov. 2: "Ivan the Terrible, Part 2," (1946) sponsored by the Committee on Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Nov. 3: MSA film, "Casey's Shadow," 7 and 9:30 p.m., Middlebush Auditorium, tickets 75 cents in advance, \$1 at the door.

EXHIBITS

Oct. 6 to 29: "Blacks in the Westward Movement," an historical exhibit, co-sponsored by the Black Studies Program and the Office of Support Programs, from 9 a.m. to 11 p.m. Sunday through Thursday and 9 a.m. to 2 a.m. Friday and Saturday, Black Culture Center, 823 Virginia Ave.



The Henrik Ibsen exhibit, which commemorates the 150th anniversary of the playwright's birth, opens Monday, Oct. 9 in the theatre lobby of the Fine Arts Center.

CAMPUS COLUMNS

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Provost position key to UMC reorganization

Stressing the development of an "academic focus," Chancellor Barbara Uehling announced a restructuring of UMC's central administration at a news conference Oct. 25.

The new structure, to be functional by Sept. 1, 1979, adds some titles, eliminates others and reassigns specific duties. Central to the academic focus is the creation of a single provost position — "clearly the second person in the organization" — to supervise the teaching, research, service and extension programs.

The administrative provost position has been retitled to vice chancellor for administrative services; the health affairs provost position and the office of the vice chancellor have been eliminated.

New positions reporting to the chancellor are a director for institutional research and planning and a director of equal opportunity. The director of University hospital also will report to the chancellor under the new plan.

Positions in the current arrangement that remain in the new plan are: vice chancellor for student affairs, vice chancellor for alumni affairs and development, director of the office of public information, director of intercollegiate athletics and special assistant to the chancellor.

Uehling announced that searches will be conducted for positions that are new, retitled or served by an interim appointment.

A major factor in the plan is a change in reporting to deans. They now report directly to the chancellor, but will report to the provost under the new plan. This step, the chancellor said, "will free me from some of the operational details involved in day-to-day consultation with deans so that we can be concerned more with policy and focus."

Citing "a widespread feeling that we need to reassert our concern for and the value of research," the chancellor an-

nounced that the position of graduate dean and vice provost for research would report to the provost as will a vice provost for extension who will function in the same way as the current extension dean.

Uehling expressed a need for a structure that "considers the student in a total living/learning environment," and toward that aim she announced the transfer of the housing office and Memorial Union/Brady Commons operations from the administrative area to the student affairs area.

"We tend to think of the student as one who sits in the classroom... when the student is really a person in a community, living and learning all the time," Dr. Uehling said, indicating that she will explore other ways of integrating all aspects of student-centered activities.

The new director of institutional

research and planning will do analytical studies "to help us consider, in as objective a manner as possible, some of the information needed to guide us in the future."

The planning unit will serve all areas of the campus, the chancellor said, and will be particularly involved in the budget planning process. Uehling does not regard the planning office as a replacement for the Resource Management Council. "We still need a forum to talk about the application of values to budget planning," she said.

When asked about other changes in the structure below the positions reporting to the chancellor, Uehling said that most of that detail would be left to the persons who will occupy positions to be filled by search. "Obviously," she said, "we've got a lot of things to work out."

Equal opportunity post added

When Chancellor Barbara S. Uehling announced Oct. 25 her plan for a new administrative structure, she included a full-time director of equal opportunity position. The new position is one part of the chancellor's plan to pursue the "spirit of the law" of affirmative action, beyond UMC's legal compliance to the law.

In a statement on affirmative action, the chancellor said that "The existence of federal, state or local statutes against discrimination does not automatically insure equal opportunity. I believe that positive steps must be taken to assure equity for all on our campus.

"Any given example of lack of equal opportunity may involve only a few of us, but the underlying issue — whether we as a campus are appropriately concerned with the basic values of human needs and dignity — affects our entire academic community. In light of this concern, it is

important that each of us take steps to affirm our commitment to equal opportunity."

Besides creating the equal opportunity director position reporting to the chancellor and having responsibility for the campus, the chancellor is initiating:

- A faculty, student and staff task force to evaluate existing UMC programs and make recommendations to the chancellor on all programs and services that involve minority students on the campus;
- An Equal Opportunity Council that will focus on legitimate concerns and recommend positive results-oriented solutions; and
- A charge of expectation that all units will take positive action in the recruitment and promotion of women and minorities.

Hike the tree trail

The cry of "Woodsmen, woodsmen, spare that tree" has been answered by the Xi Sigma Pi Forestry Honor Society. The students not only are working to save trees, but they also have set up a new interpretive tree trail in Francis Quadrangle for everyone on campus to enjoy.

Thirty-five trees have been numbered in white to correspond to descriptions in a walking guide map available for free in the lobby of Memorial Union or in the Agriculture Office.

The tour includes some of the common trees, such as the Sugar Maple, the source of maple syrup, and the American Elm, a popular shade-producer. But many of the other trees are less well-known, like the Ginkgo, one of the few remaining trees common in prehistoric times, and the Chinkapin, a rare member of the white oak family.

With the leaves changing colors, now is an ideal time to take a break from work and stroll along the trail. And if you wonder whether a Shingle Oak really grows shingles, or if you can find cucumbers growing on a Cucumbertree or coffee on a Kentucky Coffeetree, just pick up a guide, pack a lunch and hit the trail in Francis Quadrangle.



Vol. 10, No. 4

Nov. 8, 1978



Families gathered to hear Mini-Mizzou play on the steps of Jesse Hall during Family Day, Oct. 14. Over 600 family members attended the annual campus open house and had the opportunity to meet their student's faculty and attend programs in the schools and divisions.

Consulting firm studies UMC-city energy future

University and Columbia city officials are optimistic about the outcome of a joint trash-to-energy grant proposal receiving Department of Energy funding.

Submitted to the federal government last August along with nearly 2,000 others, the proposal is one of 20 still under consideration. It requests \$41,500 to hire Horner and Shifrin Inc., a St. Louis engineering consulting firm, to begin the second phase of a trash-to-energy conversion system feasibility study.

Phase one of the project began with the formation of a joint UMC-city committee

to study the solid waste disposal problem. Early this fall, Horner and Shifrin Inc. entered into a \$15,000 contract mutually funded by the city and the University to begin preliminary investigations into the advantages of recovering energy from solid waste.

The firm's initial study, which is expected to be completed by January, will base conversion possibilities upon current trash data and estimated costs.

If fully funded, the federal proposal will:

- Update a 1974 city-funded study on shredded solid waste as a supplementary

fuel for the municipal power plant.

- Examine the feasibility of using unprocessed solid waste as fuel.

Consider the desirability of directly injecting gases created from the initial trash burning into a gas-fired boiler.

For several years, the University has shown an interest in alternatives to landfill and incinerator methods of trash disposal. Only recently, however, have such methods become technologically and economically feasible. Last year, UMC officials made visits to municipalities and universities that have conversion systems.

In the spring, they formed the ad hoc committee.

Committee members are Rex Dillow, assistant director of UMC's physical plant; Louis Holroyd, professor of physics and associate coordinator of safety and risk management; George Preckshot, professor and chairman of chemical engineering; Kee Groshong, assistant business officer; David Wollersheim, associate professor of mechanical and aerospace engineering; and Ray Beck, acting Columbia city manager and director of the Department of Public Works.

EAP offers staff solutions to home problems

Where do you go?

You are working for the University to put your husband through school. As he has progressed, your relationship has suffered. You feel bitter and resentful.

Every semester people move away. Your old friends no longer are around to give you support. Your problems loom larger. You are lonely and afraid.

Over half of the referrals the Employee Assistance Program has made since 1975 are relationally oriented. The population turnover in college towns is one of the main causes for family and marital problems.

Relational problems are not the only referrals the program makes, however. Assistance is available in the areas of emotional, vocational, financial and legal problems as well.

"Our value," says Bill Braunstein, coordinator of client services, "is that we provide people with information so that they can make better decisions."

The program's philosophy is to help employees solve problems that may affect job performance. "We are concerned with early intervention," says Braunstein. "The University is a unique place, and when you're under pressure it's easy to stumble and fall. We can provide a confidential resource to help people decide where they want to go for help."

The program is a referral service and not a counseling service, says Braunstein. "We just put people in touch with someone who can counsel them. There are over 200 social service agencies in town, and very often people don't know where to go for help."

Often an employee comes on his own. Other times he is referred to the program by a supervisor. Either way, says Braunstein, the service is free and con-

fidential to employees who come for referrals. The program is not part of the University's disciplinary program, and EAP does not contact employees even though their supervisors may have requested it. "We don't do outreach; we're an elective service," Braunstein says.

Referrals often are made to the University counseling services, the Family Counseling Center and private practitioners. Some agencies give free services, and sometimes the fee is based on what the employee is able to pay. Employees with University health benefits often have one-half of their psychological services paid for by the health package.

"There are more no-cost, sliding-scale services available than people realize," says Braunstein. "There is something available for everybody, and there are resources available to aid in emergencies." But the program cannot guarantee or co-sign loans, he says. It can only refer the individual to services that provide budget planning or welfare assistance.

Employees who come for assistance are not of any particular age, sex or profession. "We've talked to young people and people having mid-career crises," says Braunstein. Multiple referrals are common, he says. In the last six months, 123 referrals have been made to 82 clients.

Now in its fourth year, the program has held seminars to let supervisors know of its existence so that they can suggest the program to employees in need. Assistance also is available to resident and graduate teaching assistants, says Braunstein.

The program staff also is interested in helping employees further develop existing skills. Such assistance prevents a crisis from developing, says Braunstein. Services are available to employees who want to progress in their area or change

WOMEN



their particular job. The program often makes referrals to the Career Planning and Placement Center.

"Some people may bypass us and go right to the counseling center. That's okay," says Betty Pascoe, assistant director. "Our aim is to give aid to the

person who doesn't know where to go."

The program is located in Room 215 of the Columbia Professional Building on University Avenue. Hours are 8 to 5, Monday through Friday, but appointments may be made after hours as well as during lunch. For further information, call 882-6701.

A&S team 1978 golf victors

Thirty members of the Faculty-Staff Golf League concluded their 1978 activities with a fall tournament Oct. 21.

The Arts and Science team defeated the Divoteers in the playoffs for this season's league championship.

Members of the Arts and Science team were Bob Rowland, professor of history; Bill Bondeson, professor and director of general studies; Bob Glenn, assistant professor of speech and dramatic arts; Haskell Hinnant, associate professor of English; and Harlan Jensen, professor of veterinary medicine and surgery.

The tournament award for low gross went to Rowland, who shot a 73. Jim

Reger, assistant engineer at the hospital plant, received the prize for tournament low net with a 66.

Runners-up for low net were Bill Fisch, professor of law, and Ken Whitt, assistant director of UM Information Services.

The closest-to-the-pin award went to Dick Erickson, chairman of practical arts and vocational-technical education. Jay McGarraugh, professor of civil engineering, won for the straightest drive.

New officers elected for the league's 1979 summer season are Bob Blanchar, professor of agronomy, who will serve as president and Cliff Magnusson, assistant professor of special education, vice president.

Chancellor proclaims week for United Way fund raising

WHEREAS the University of Missouri-Columbia has a distinguished tradition of commitment to Columbia's vitality and welfare, and

WHEREAS the University of Missouri-Columbia ranks first among Big Eight universities as a pacesetter in contributing to United Way, and

WHEREAS the United Way is the largest voluntary organization in Columbia, funding 80 percent of human care facilities, and

WHEREAS the generosity and caring of the University of Missouri-Columbia faculty, staff and students was amply demonstrated in 1977 when the campus exceeded its \$96,000 goal, and

WHEREAS the University of Missouri-Columbia community is committed to surpassing last year's accomplishment and this year's goal of \$99,500, and

WHEREAS members of the University of Missouri-Columbia community are major beneficiaries of the United Way,

NOW, THEREFORE, I, Barbara S. Uehling, Chancellor of the University of

Missouri-Columbia, PROCLAIM the week of NOVEMBER 27 to DECEMBER 1 "CAMPUS UNITED WAY FUND RAISING WEEK" and express my personal appreciation to all members of the University community for their special efforts during this season of goodwill.

Done this 6th day of November, 1978, The Chancellor's office.

CAMPUS COLUMNS

Campus Columns is published monthly except July and August, and is published twice in September for the information of all University of Missouri employees on the Columbia campus. It is edited under the supervision of the Office of Public Information in cooperation with the Personnel and Business Offices. Contributions and information for this paper should be sent to 329 Jesse Hall.

For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

Editors: April Walgren
Catherine Kernen

The University of Missouri
An Equal Opportunity Institution



Chancellor Barbara S. Uehling greets auditor Fred Curtis and photographer Larry Boehm in the first of several receptions at the Chancellor's Residence. The chancellor invited over 500 staff to wine and cheese parties during October in order to meet them personally and exchange views.

United Way materials mailed

United Way campaign materials have been mailed to all UMC employees at their home addresses. Prompt replies to this annual community drive, of which UMC's goal is \$99,500, will be appreciated.

Persons not receiving pledge cards should call 882-6211.

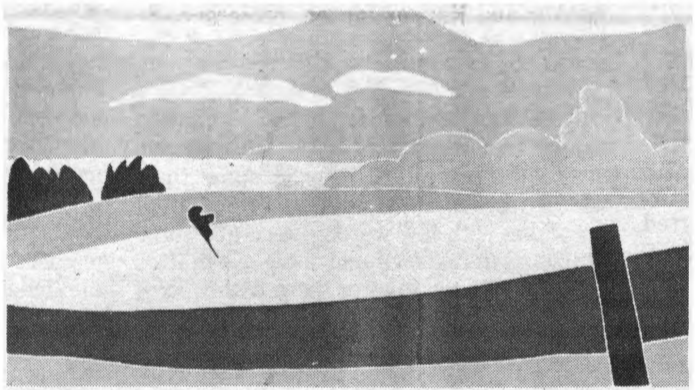
Art acquisitions accent residence



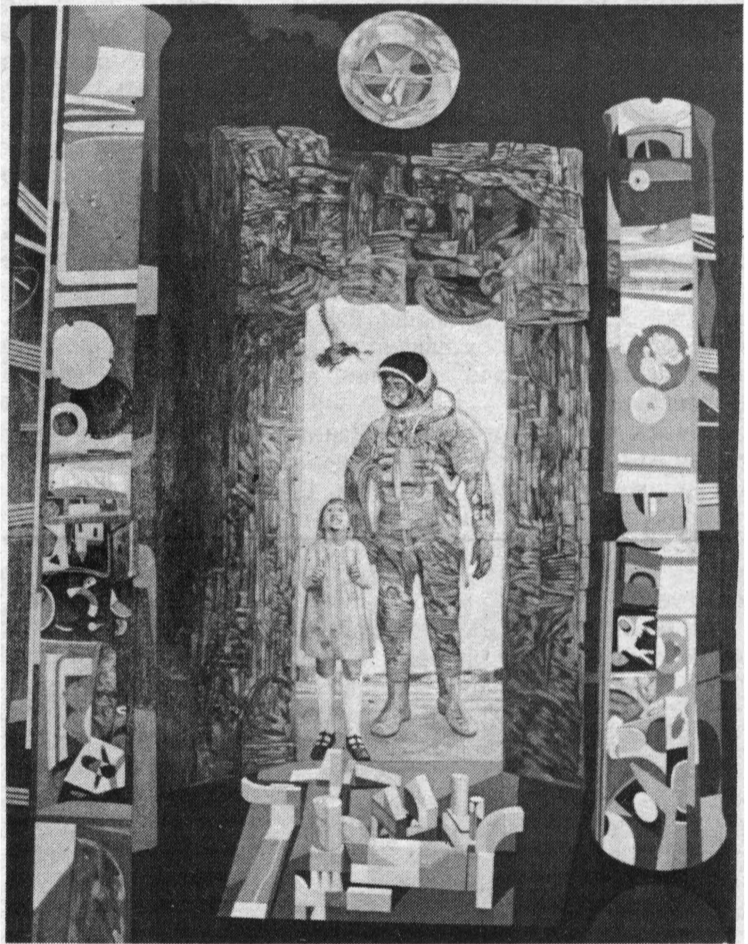
Tracy Montminy

Touches of the contemporary and abstract now brighten the off-white walls of the Chancellor's residence. Works of art by seven UMC art faculty members, including those shown here, have been hung in the reception, living and dining rooms of the Georgian-style home.

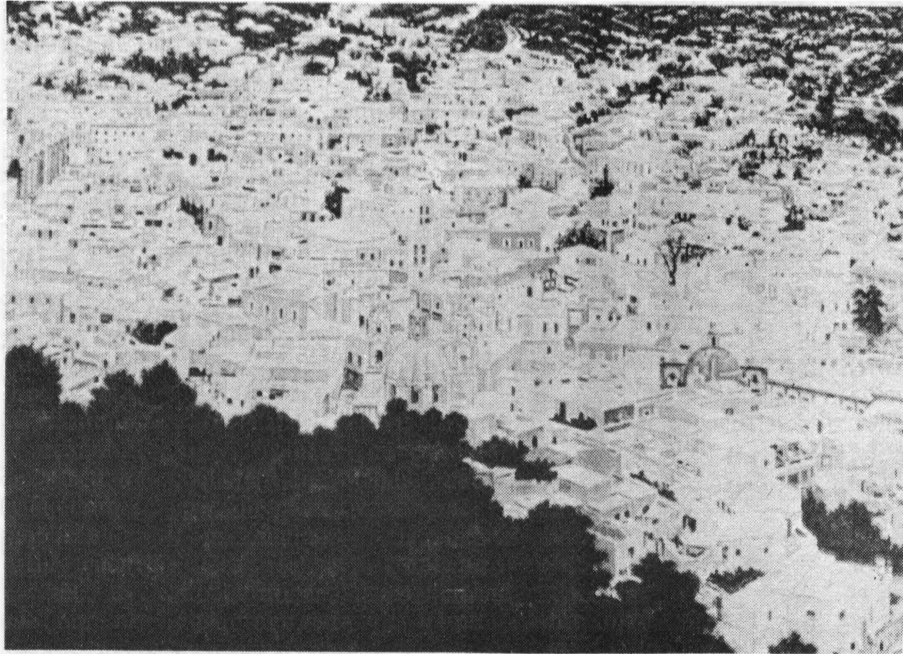
The works, all of which are untitled, are recent projects of faculty members John Weller, Frank Stack, Tracy Montminy, Erica Rutherford, Jerry Berneche, Larry McKinin and Brooke Cameron. The loan project, an art faculty suggestion, has begun with two-dimensional works but may be expanded to ceramics and sculpture later, says Associate Professor Cameron.



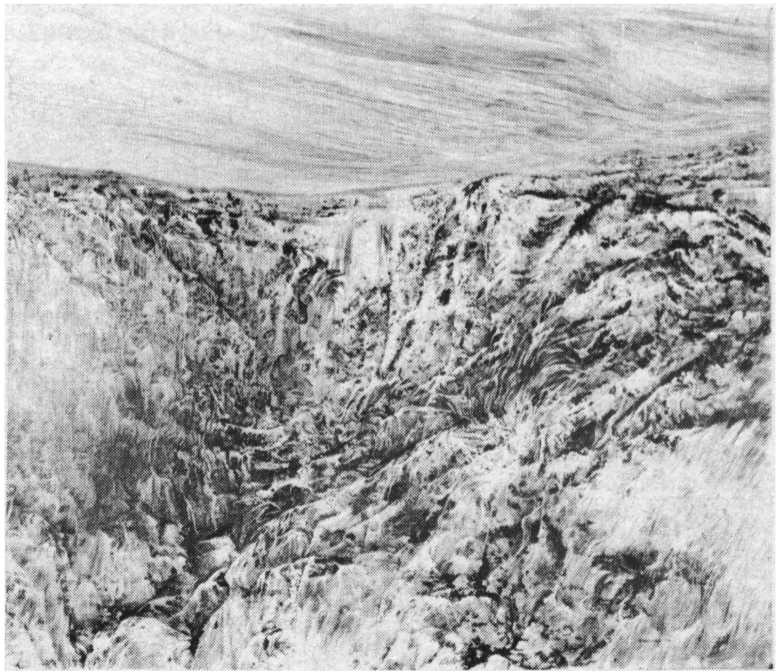
Erica Rutherford



John Weller



Larry McKinin



Jerry Berneche

Law school dean addresses issue of law access

Editor's Note: Allen Smith, dean of UMC's School of Law, recently received the Judge Edward Finch speech award for an address delivered at the Greene County Bar Association's Law Day ceremonies May 1, 1978, in Springfield. Reprinted here in part is the text.

Dean Smith suggests that, rather than the rule of law, what we have is the rule of men making use of law. Further, he says, access to the law through those persons has become too easy.

Law consists basically of words, spoken or written by men and women — lawyers, legislators and judges. Without men there would be no law — no statutes, constitutions or common law doctrines.

That most of these law words are written is a very important part of our system of law because written words tend to restrain decision making by intuition or worse. Legislators and constitution makers are required to write down their rules, and most judges may be required to explain their decisions in writing.

But without men, law words just sit there! It is men who interpret the words and give them meaning in relation to the facts of life, and it is men who decide what the facts of life are.

Men decide what the consequences of the interaction of facts and law are to be. And finally, men make the decisions and take the actions necessary to cause other men to behave consistently with their decisions. That is, they "enforce the law."

This human process is what law consists of. What I am saying should not be misunderstood. I am not saying at all that statutes and rules and doctrines are unimportant.

The substance of the words we call law is very important; and because it is, the men and women who write and speak the words, who read and hear the words, interpret them, decide about them and enforce their decisions are also very important.

The people we are talking about, the people you and I rely on when we have access to justice through the law, are our lobbyists, legislators, bill drafters, judges, criminal defense lawyers, contract negotiators, prosecutors, drafters of wills and deeds and others like them. The most important thing about these people in my view is their characters. If they have good character, we are in good hands. If not, we are in trouble with the rule of law.

First, since they deal with other people's problems, they should like people and understand them. They should be honest. They should desire to succeed, but without greed for fame or money. They should prefer doing good to doing evil, but should be sufficiently restrained to avoid the temptation to try to do good for others. In fact, a sense of restraint — the ability to take a moderate position — is an extremely important character attribute.

Courage is another important quality, for controversy can generate fear. They should be hard-working, conscientious and punctual, for that is what their clients have a right to expect of them. It is important also that they have a high degree of self-respect and pride in themselves and their communities. They should also be relatively free from character-crippling emotional illnesses such as alcoholism.

Positive character traits are especially important to lawyers because the nature of their work presents them with so many temptations. They are completely at the mercy of their clients financially, but, unlike physicians, most do not have a specialty that enables them to easily attract clients. Thus, when temptation arises the pressures can be great, and sometimes lawyers, legislators and judges do not resist.

Some people talk about an increasing amount of lawyer "incompetence." I would suggest that much of what is taken to be incompetence is not that at all, but simply lack of adequate preparation for

economic reasons. Avoiding the temptation to cut corners in this way is one of the things I mean by character.

I do not know whether these character traits can be taught well in college or in law school or at all. Probably they are largely formed in childhood. No law school that I know attempts either to screen its applicants for character or to develop positive character traits in them. Nor is much thought given to whether or how it should or could be done. That is amazing to me.

If it is true that we are subject to the rule of men using law, shouldn't we be thinking much more and doing much more about ensuring that our lawyers, judges and legislators are in fact men and women of good character, rather than extolling the virtues of the rule of law? Should we screen? Can we? Will law let us? Should we teach character? How? I don't have the answers, but I think I recognize that character, more than words on a page, is our main problem.

Let us turn our consideration now to the issue of access to justice through law.

This is an idea that the leaders of the organized legal profession very much favor. Starting with the premise that law is good for us, they proceed to suggest that all of us, especially lawyers, have been derelict in not making more law available to the American people. The logical conclusion they reach is that we should all do everything we can to see to it that everyone has increased access to law.

A skeptic might suggest that the idea of increased access is a desperate response to increasing criticism of the legal profession. A cynic might suggest that it is an idea that will provide more jobs for lawyers.

I am not a cynic but I am skeptical. I agree with the leaders of the profession that for some people in some circumstances resort to lawyers, judges, and legislators is very valuable. But there I part company with the leaders. For I believe that there is a very real limit to the social value and usefulness of law and law-people, and I do not think that there is a major need to create more access to law. Indeed, I think that it is time we started thinking instead seriously about restricting access to law.

This could accurately be called "the age of the lawyer." In these times it is hard to imagine any kind of social problem, or any kind of personal problem, with which lawyers, judges and lawmakers are not involved. Not even triviality deters legal involvement. No matter how unimportant, no matter how complex, no matter how difficult a problem may be, lawyers, judges and lawmakers are now involved. I don't need to tell you that the results are not always desirable.

Just a few examples:

- Busing and education problems generally come quickly to mind. Throughout the nation judges are in virtual control of the education of children — in transportation, athletics, funding, discipline, textbooks, admissions, records and so on. Most judges have resisted lawyers' invitations to review teachers' grading decisions, but not all have. The 8th Circuit in the recent Horowitz case was prepared to tell UMC how it should decide the qualifications of medical students. Lawyers are now suing school boards on behalf of their clients, claiming damages because the schools did not sufficiently educate them. In my opinion, fear by teachers, principals and school boards of being sued by irate students and their parents is one of the principal reasons that the public schools in our nation have ceased to satisfactorily educate.

- Virtually anyone who has any connection with a defective product can now be held liable. In California a plaintiff successfully sued the institution that financed a housing project when one of the houses turned out to be defective.

- In Washington a judge in effect

"divorced" a young girl from her parents when she complained that they did not give her enough freedom. The judge simply declared her "dependent and neglected." He was aided, of course, by her lawyer.

- There has been a recent suit for "parental malpractice" by a young man discontented with his upbringing.

- Sex, religion, politics, all have become the province of lawyers, legislators and judges, sometime in combination. At Brigham Young University we continue to witness the spectacle of the attempts of government lawyers to convert the religious standards of the Church of Jesus Christ of Latter Day Saints into legal issues. So far HEW has attacked sexually-differentiated dress and grooming codes and sexually-segregated housing. Some legalists have even tried to block Brigham Young University's law school accreditation, on the ground that at a church school the faculty does not have enough people who are not church members! The attempts have been unsuccessful so far, but a few years ago there could clearly not even have been "legal" issues.

My friend, President Dallin Oaks of BYU, himself a lawyer and law professor, has had a great deal of experience with this increased access to law. Needless to say, he is "agin it." Based on his considerable unpleasant experience he has developed three "Laws for Unruly Lawmakers" which are highly germane to the question of increased access to law.

The first Oaks axiom is: "Law expands as the resources devoted to it expand." That is to say, the more judges and lawyers we produce, pay and support, the more they will become involved in our lives.

The second axiom is: "Bad law is more likely to be supplemented than repealed." Put in other words, lawyers, judges and legislators see more involvement by themselves as the best remedy for a bad situation created by their initial involvement.

Oaks' third axiom is: "Social legislation cannot repeal physical laws." Despite our access to law-people and despite their willingness to try to solve all manner of problems with law-words, there are some problems that law cannot solve. No matter how hard we try to alter them with words, physical laws remain the same. A person who is physically dead is dead whether a legal rule says he is or not. Likewise, people have passions and emotions and act on them, whether or not the law commands rational behavior. Perhaps instead of using law we have to resign ourselves to tolerance of a certain amount of irrational behavior, even though the behavior may be offensive to us.

Many misguided souls believe that legal problems are like disease and lawyers like physicians. They think that all we have to do is bring the lawyers and the problems together and the problems will disappear. Unfortunately, the analogy is completely false.

Social problems involve interpersonal conflicts. These do not go away with an injection of medicine. Nor do lawyers, legislators or judges have the knowledge or skill to avoid or dissolve social conflicts. Nevertheless, the disease metaphor is appealing, and it is helpful in selling the idea that what we need is more legal services, just as we need more medical services.

Too many social and personal problems have come to be treated as fit for solution by lawyers and judges. I don't know where the line should be drawn, but I believe we need to concentrate on drawing it instead of widening the circle.

We do have helping professions in society other than lawyers. Why don't we consider making more use of some of them instead of always using law? Counselors, social workers, educators, psychologists and psychiatrists, priests, arbitrators, ombudsmen and referees all are potential alternatives. Learning simply to live with

some of our problems is also. I think, for example, that we should learn to live with "parental malpractice."

Another point that should be made derives from the ancient principle that there is no such thing as a free lunch. If we want access to law we must pay for it. How much law are we willing to pay for?

The costs are high, and they are getting higher. We increasingly spend large sums of tax money to make legal services available to indigents, and attorneys' fees, for those who can afford to pay them, are increasing rapidly. Hourly rates have increased by 400 to 500 percent in the past 15 years.

Judicial salaries and other court-related costs, too, have increased rapidly, and many expensive new courts, courtrooms and judgeships have been created around the nation.

When we multiply these new costs by the new people who can sue and be sued and by the new kinds of problems about which they can sue, the costs become astronomical. And there seemingly is no end to it. Judges are still overworked.

I could talk also about the social costs of increased amounts of law. Let me simply point out that dealing with problems through law is not a pleasant experience; from an emotional and physical standpoint it is not always the best way of dealing with them. These are very real costs of law.

It is my suggestion that we begin immediately to make some difficult decisions about access to legal services. It does not follow from the fact that some law is good that more is better, anymore than it follows in the realms of food, drink or any other human activity. To me, moderation and a sense of restraint are the keys to decision making about this subject.

We cannot blame people for asking lawyers and judges for help. After all, they have or think they have problems that need solving, and the "rule of law" slogan is very persuasive. But we can blame lawyers and judges and legislators who always do what they are asked to do, who never say "no." As the pressure for access is increased, so is the need for self-restraint and moderation.

There is no external control on lawyers and judges. They are the law. And the kind of self-restraint for which I am asking is difficult indeed. Such restraint flies in the face of the financial and ego rewards that lawyers and judges derive from "the rule of law" and increased access. Moreover, to recognize that the rule of law and increased access are not always good is to invite even more criticism than the legal profession already receives. One can almost hear the complaints of elitism and conservatism that will be directed at those who would draw lines. Probably my own remarks here will draw similar fire.

My answer to such criticism is that we must have the character to do what is right. If this means we must take criticism, take it we must, whether it is justified or not.

In summary, if we are to realize the real promise of the rule of law we must recognize the necessity for developing mechanisms for producing lawyers, judges and legislators who are persons of the highest character. Access to justice through law means access to these men and women. Meaningful access, however, does not mean unrestrained access; it means drawing lines. It will be interesting to see whether we as a nation will have the character to do what is necessary to preserve the very real benefits of access to justice through the rule of law.

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 offers art, song and poetry for November

Cornwell paintings now on display



Illustrator Dean Cornwell created "The Way of the Cross" for Good Housekeeping's 1926 serialization of William Lyon Phelps' *The City of the Great King*.

The original oils and watercolors of early 20th-century illustrator Dean Cornwell will be on exhibit through Jan. 5 at UMC's Museum of Art and Archaeology.

Popular periodicals, such as the Red Book magazine, The Saturday Evening Post and Good Housekeeping, frequently published fictional works illustrated by Cornwell. From 1918 to 1960, his

illustrations enjoyed the same appeal as have those of Norman Rockwell and Peter Max, says the museum's assistant director Ruth Witt.

A grant from the Missouri Committee for the Humanities has enabled the Museum to borrow 34 works from individuals and institutions all over the country for the showing.

Madrigal singers perform Nov. 12

A local musical ensemble, the Ad Hoc Singers, suggests the perfect way to spend a Sunday afternoon: listening to Renaissance madrigals.

The musicians, who have performed several times this semester at various campus locations, invite UMC staff, faculty and student to a 3 p.m. concert Nov. 12 in the A.P. Green Memorial Chapel.

The singers include university faculty and students and a Columbia free-lance

writer. Four of its number, who belong to the UMC Collegium Musicium, a vocal-instrumental group that performs rarely heard compositions, originated Ad Hoc Singers last spring; they decided to continue harmonizing at semester's end when the larger group no longer would meet.

The Ad Hoc Singers also have added Christmas carols to their repertoire and plan a concert of holiday music at 2 p.m. Dec. 2 in the chapel.

California poet to present reading

Poet Peter Everwine will read from his published works at 8 p.m. Wednesday, Nov. 15 in 204 General Classroom Building.

Everwine, a faculty member at California State University in Fresno, won the 1973 Lamont Prize for his first volume of poetry, *Collecting the Animals*. Last

year he published his second volume, *Keeping the Night*.

The reading, which is sponsored through the Reading and Residences for Writers program of the National Endowment for the Arts, is open to the public.

Computer training for disabled expanded

The University of Missouri-Columbia has received \$386,724 from the State Division of Vocational Rehabilitation for a project to train the severely disabled in computer programming.

Individuals with severe motor control and visual acuity handicaps will be served by the program. A similar limited program, TODCOMP (Training for the

Disabled in Computer Programming), has been administered by the Extension Division for the past two years. The division also will administer the enlarged program.

Participants will train as before in 30-member groups for 10-month periods. Included in the expansion is Missouri's facility for training professionals to work with the handicapped.

Setting for the project will be the King Site south of Columbia, occupied in part by the Environmental Health Surveillance research unit. The site is a 120-acre University facility located on Tomlin Road off Missouri 163. The central training building and 10 cottages will be renovated and adapted for the handicapped.

The UMC department of computer

science will provide the academic base for the computer training. Other participating UMC divisions are the colleges of Home Economics, Education and Public and Community Services and the School of Medicine.

Of the 30 participants in each group, 15 will live in cottages at the site. The others will live in Columbia and be transported by specially equipped vans.

A project director, computer programming instructors and director of independent living will staff the project. A placement officer will assist graduate trainees in identifying job opportunities.

Participants will receive specialized training in independent living skills. They also will take part in community and state recreational and cultural activities.

Missouri's facility will offer seminars, conferences and short courses to professionals working with the severely handicapped — teachers, medical social workers and family service workers.

Further information is available from the office of Assistant Dean for Extension, Charles Campbell, 109 Whitten Hall, 882-7477.

U.S. grant to aid handicapped

UMC has been awarded a three-year \$78,000 grant to provide free educational services for infant and pre-school handicapped and high-risk children.

Peggy Robinson Wilson, project coordinator, said the target groups are pre-schoolers and infants in Boone County, although limited services may be made available to children in surrounding counties.

The project funds four areas:

—Home-based services for infants and for special family situations.

—Morning classroom services on the ground floor of the old UMC Lab School.

—Afternoon programs at UMC's Stanley Hall child development laboratory.

—Consulting services for community pre-school programs.

In addition, screening, educational assessment services and family support programs will be offered.

UMC employees with handicapped and high-risk infants and pre-schoolers may receive additional program information by calling 882-3741 between 8 a.m. and 4 p.m. Monday through Friday.

The grant is made through the U.S. Office of Education for the Handicapped. Sandra Gault, UMC assistant professor of education, is project director.

Announcements

Flu vaccine

A vaccine that protects against the Russian, Hong Kong and Victorian strains of flu is available at the UMC Student Health Service for students, faculty and staff 26 years old and older.

Diane Brukardt, interim director of the Student Health Service, says the trivalent vaccine is advised for persons with chronic illnesses or respiratory problems. She encourages getting the vaccine now. "People wait until the flu gets here in January," Brukardt says, and "it doesn't do any good to take it in the middle of an epidemic."

Immunizations are \$2.50 for students and \$4 for faculty and staff.

Clinic hours are 8 a.m. to 5 p.m. Monday through Friday. No appointment is necessary.

Holidays

UMC Thanksgiving holidays are Thursday, Nov. 23, and Friday, Nov. 24 for employees. Columbia campus classes end at 5:30 p.m. Tuesday, Nov. 21.

Christmas break is five days this year, since the University has designated Friday, Dec. 22 and Tuesday, Dec. 26 as floating holidays. Added to the holiday weekend and Christmas Day, the days off add up to a five-day Christmas break for UMC employees.



This rustic setting located on Tomlin Hill Road soon will be the scene of computer programming training for severely handicapped persons and the professionals who work with them.

Copenhaver fond of faraway places

Beneath a weather-worn cap and behind a wheelbarrow of gardening equipment, Bob Copenhaver may look like a groundsman. Actually, he's a globetrotter in disguise.

About 50 weeks out of the year, Copenhaver keeps a low profile, hustling around White Campus getting his job done — mowing, mulching, shoveling snow. But for a few weeks every year since 1973, he has abandoned the familiarity of campus to get away — really away. His vacations have taken him as far south as Australia, north to Canada and east to England and Scotland.

The trips are daydreams come true. Copenhaver, 55, was overseas during World War II as a soldier in Belgium. Then, several years ago, the travel interest struck him again. He would read in the library about New Zealand and Australia, "while I was waiting for my wife to get off work." Since then, he has visited there three times.

Traveling is just an extension of the independence Copenhaver has grown to appreciate from his work out of doors. "I go on my own; I stop where I want to," he says. That independence has led him from cattle shows in Victoria, Australia, to seeking out one of his favorite authors in Scotland, James Herriot, author of "All Creatures Great and Small." "I talked to a neighbor of his," Copenhaver grins, "but he (Herriot) was gone."

The groundsman completed a two-week trip to England and Scotland in September. Last year he was in Australia and Tasmania. In 1976 he spent a week in Ontario.

Copenhaver hasn't decided where he'll be heading on his next excursion, but there's plenty of work ahead before he takes off again — plenty of roaming White Campus before he leaves to roam another piece of the world.



Bob Copenhaver

UMC sociology major state council member

Gov. Joseph Teasdale has appointed Dave Crossley, UMC senior, to a three-year term on the Missouri Developmental Disabilities Protection and Advocacy Council.

Crossley is the youngest person appointed to the 18-member council, which acts as an advisory board to the Missouri Developmental Disabilities Protection and Advocacy Service, Inc.

The federally funded program works with persons who have incurred a developmental disability before the age of 21 from cerebral palsy, epilepsy, autism or mental retardation. It handles cases for individuals who feel that, because of their disability, they have been discriminated against or denied services guaranteed by law such as housing, transportation and employment.

Crossley is a sociology student and secretary to the UMC Council of Handicapped Students.

Students serenade staff

Jesse Hall personnel enjoyed the a cappella voices of a Missouri Students Association group, "Just Singers," during an Oct. 5 lunch-hour performance.

The group, which regularly rehearses at 11:40 a.m. at the Missouri United Methodist Church, decided instead to entertain the UMC community that day. Persons appeared on stairways and balconies above the foyer to see and better hear the music's source.

The 30-member ensemble has a varied repertoire, but chose sacred and inspirational selections for its impromptu concert. The group, whose participants were selected through auditions, rehearses five hours each week, says its director Scott Beard.

Welcome

Medical Center: **Frances Schierhoff**, custodian, housekeeping; **Susan Reed**, nursing attendant, central supply; **Marcella Hurt**, senior radiology technologist, radiology; **Sandra Jo Singer**, laboratory attendant, physiology; **Janice A. McElwain**, pharmacy technician, pharmacy; **Margaret Zoe Herd**, food service attendant I, nutrition; **John Albert Parson**, graduate practical nurse, nursing service.

Andrea Martz, research laboratory technician, medicine; **Betty Jean Mertz**, administrative secretary, continuing education and extension; **Mary Ann Harlan**, accounting clerk, medical practice income plan; **Annetta Cowell**, nursing unit assistant, unit management; **Geraldine Buckman**, pharmacy technician, pharmacy; **Janine Landry**, secretary, medicine; **Tonya Huston**, physical therapy assistant, physical medicine and rehabilitation.

Martha Gregory, registered medical technologist, pathology; **Gina Whiteside**, nursing unit assistant, unit management; **Carl McLaughlin**, food service attendant II, nutrition; **Debra Emmerich**, food service attendant II, nutrition; **Sara F. Key**, staff nurse, nursing service; **Barbara Wagner**, custodian, housekeeping; **Joyce Redding**, custodian, housekeeping; **Tim Wright**, custodian, housekeeping; **Teresa Cheaton**, custodian, housekeeping; **Jo Nell Waltz**, custodian, housekeeping; **Carol Gary Ruddle**, nursing unit assistant, unit management; **Marby Heddenreich**, senior financial interviewer; outpatient clinics; **Ralph Gullett**, radiology technologist, radiology; **Linda Lee Rice**, data entry operator, fiscal service.

Kathy M. LaForge, senior licensed practical nurse, nursing service; **Cynthia Cravens**, staff nurse, nursing service; **Sheri Lynn Mordt**, staff nurse, nursing service; **J. Yvonne Tueale**, chief clerk,

outpatient clinics; **Elizabeth J. Douglas**, nursing technician, nursing service; **Kevin Carl Donze**, nursing technician, nursing service; **Linda Sue Rexroth**, staff nurse, nursing service.

Patsy A. Walje, graduate practical nurse, nursing service; **Connie Frances Keil**, graduate practical nurse, nursing service; **Marjorie Lorraine Black**, nursing attendant, central supply; **Kim Juanita Vollbracht**, graduate practical nurse, nursing service; **Pamela Anne Hunter**, file clerk, fiscal service; **Sharon M. Lockwood**, graduate practical nurse, nursing service; **Curtis Marvin Cravens**, staff nurse, nursing service.

Susan Tucker, laboratory assistant, child health; **Susan LeDoux**, senior registered medical technologist, pathology; **Judith Anne Stein**, senior research laboratory technician, pharmacology; **Gerald Dean Reed**, custodian, housekeeping; **Cheryl Hartgrove**, nursing technician, nursing service; **Carol Simmons Winkler**, senior research laboratory technician, physiology; **Eddie J. Lyons**, custodian, housekeeping.

Sharon Creech, secretary-stenographer, ophthalmology; **David Edward Allen**, patient accounts representative, business office; **Julia Tompson**, senior research laboratory technician, medicine; **Fred W. Rombach Jr.**, custodian, housekeeping; **Dara Sandker**, nursing attendant, central supply; **Gloria Watkins**, operating room technician, nursing service; **Grace R. Frost**, graduate practical nurse, nursing service.

Sharolyn Bournett, senior licensed practical nurse, nursing service; **Susan C. Robb**, graduate practical nurse, nursing service; **Paige R. Engle**, senior research laboratory technician, pharmacology; **Glenda Bevans**, clerk, medical records; **Sally Jane Beck**, programmer analyst I, computer center; **Lewis W. Chance**,

custodian, housekeeping; **Stephen Briscoe**, custodian, housekeeping.

Barbara Faye Noland, nursing unit assistant, unit management; **Charlene Estes**, senior research laboratory technician, pathology; **Suzett O. Nort**, data entry operator, business operations; **Russell V. Pollard III**, respiratory therapy technician, respiratory therapy; **Yvette Weatherspoon**, senior receptionist, emergency room; **Mary K. Hering**, food service attendant I, nutrition; **Wilma A. Gettis**, food service attendant I, nutrition.

Lisa Gayle Anthony, clerk, medical records; **Kathleen Tonnies**, health care evaluation analyst, medical records; **Sally H. Wheeler**, secretary, psychiatry; **Evilene Jo Miller**, accounting clerk, accounting; **Melissa M. Hicks**, hospital unit clerk, unit management; **Kenneth E. Williams**, nursing technician, nursing service; **Ronald C. Irwin**, nursing technician, nursing service.

Levell E. Stanton, nursing technician, nursing service; **Timothy R. Sigler**, computer operator, computer center; **Robert L. Smith**, food service attendant II, nutrition; **Brian Petrie**, graduate radiology technician, radiology; **Patrick L. Crutcher**, nursing technician, nursing service; **Darwin Goucher**, graduate radiology technologist, radiology; **Robert Joseph Crowson II**, custodian, housekeeping.

Frances M. Romang, secretary-stenographer, surgery; **Randy L. Hinton**, secretary, family and community medicine; **Esther T. Dancer**, graduate nurse, nursing service; **Robert Leroy Tappana**, custodian, housekeeping; **Ann Douglas Spencer**, graduate practical nurse, nursing service; **Shirley A. Chenault**, graduate practical nurse, nursing service.

Columbia campus: **Janice Ann McCollum**, stenographer, agriculture;

Jacqueline Sharpsteen, secretary-stenographer, economics; **Ruby P. Hall**, janitor, physical plant; **Peggy J. Summers**, janitor, physical plant; **Clarice Jenkins**, senior clerk typist, personnel services; **Kristie Wright**, graphic layout specialist, education.

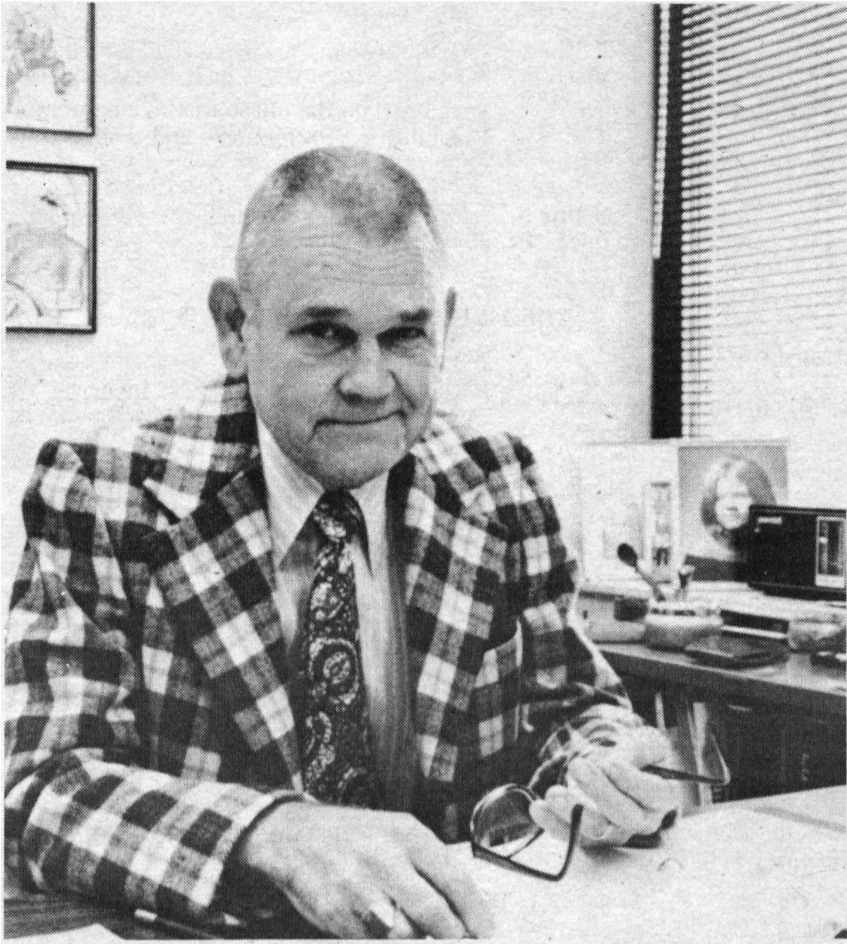
Gerald L. Clubb, forest worker, forestry; **Robert A. Whiteman**, janitor, physical plant; **Donald J. Irvin Sr.**, janitor, physical plant; **Deborah M. Brown**, senior clerk typist, engineering dean's office; **Anne Marie Fairweather**, senior clerk typist, library; **Sharon Denise Fultz**, clerk typist, purchasing; **Patricia Brandt**, clerk typist II, personnel services.

Norma Jean Paul, senior stenographer, extension division; **Katherine Titus Fasel**, continuing education coordinator, extension division; **Faye D. Lewis**, cashier, memorial union; **Tommy J. Sublett**, tool maintenance, physical plant; **James Lankford**, stores clerk, purchasing; **Phyllis Ann Miller**, instructional media specialist, education; **Ronald Marshall**, senior research laboratory technician, veterinary medicine.

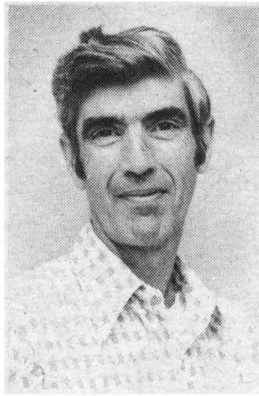
Jerold Anderson, food service supervisor II, memorial union; **Elizabeth Morgan**, information specialist, journalism; **Susan Engle**, secretary-stenographer, extension division; **Helen Baskett**, stenographer, extension division; **Patricia Kemp**, stenographer, economics; **Lawrence Anderson**, library clerk II, library; **James Edward Hickem**, food service assistant manager, memorial union.

Dossie S. Roberts, farm worker II, agriculture; **Clarice Margaret Hill**, secretary-stenographer, engineering; **Miriam Kushner**, secretary, engineering; **Norman Hardeman**, food service worker I, memorial union; **Vickie J. Alexander**, senior accounting clerk, accounting.

Service Awards



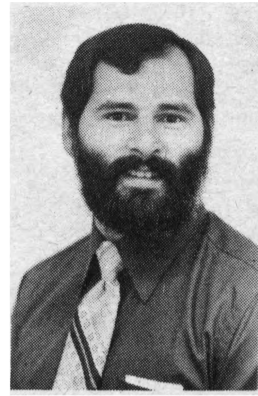
Robert Marriott, a UMC employee for 25 years, is the director of risk management.



Raymond Faup
electrical specialist
plant pathology
10 years



Geraldine Naumann
academic advisor
graduate school
10 years



George Marshall
shift supervisor
computer network
10 years



Betty Coleman
admin. secretary
sociology
15 years



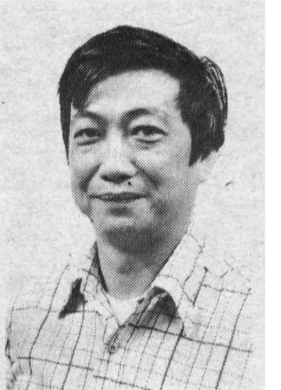
Betty Hackethorn
senior secretary
institutional research
10 years



Nancy Prewitt
associate director
manuscript collection
20 years



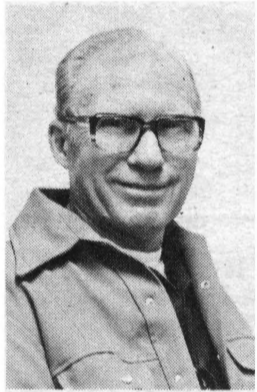
Mary Morris
accounting clerk
purchasing
10 years



Kenneth Kuo
sr. research chemist
agriculture
10 years



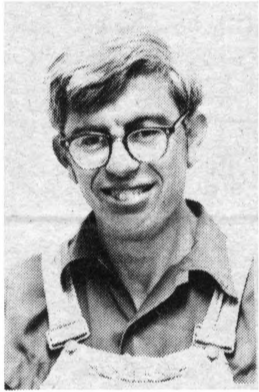
Mary Parman
food serv. worker III
memorial union
15 years



Virgil White
service station oper.
physical plant
10 years



Frank Cheatom
leadman
physical plant
15 years



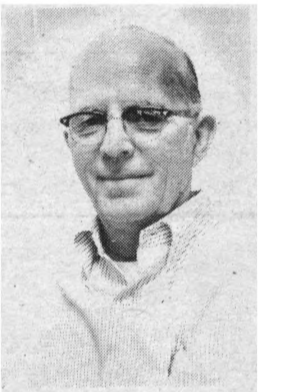
Robert Poe
groundsman
physical plant
10 years



James Turner
driver
physical plant
15 years



Velda Davison
sr. accounting clerk
university bookstore
10 years



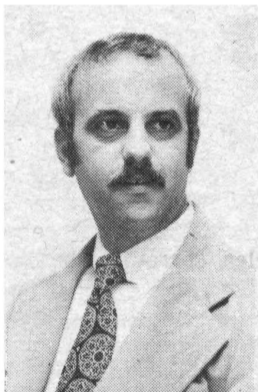
Lewis Sims
supervisor bldg. ser.
physical plant
20 years



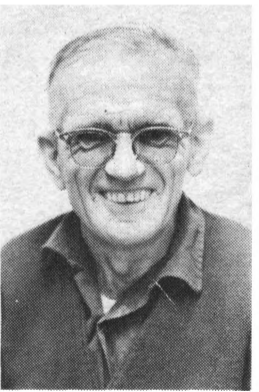
James Baugh
driver
physical plant
15 years



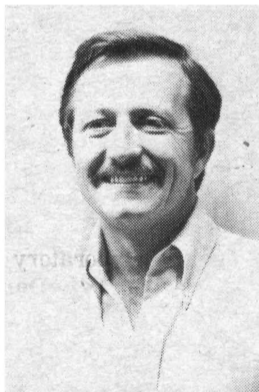
Rex Hauber
scheduler-expeditor
physical plant
15 years



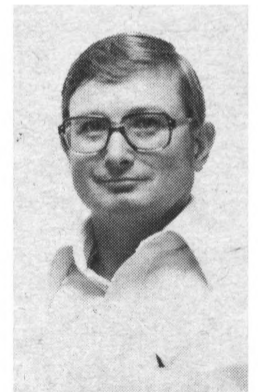
Gary Chandler
chief draftsman
physical plant
10 years



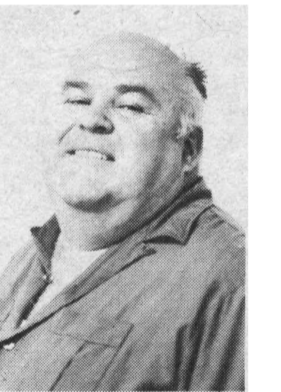
Robert Copenhaver
groundsman II
physical plant
15 years



Gary Acton
fireman
physical plant
10 years



John Forsee
asst. foreman-lockman
physical plant
15 years



Nelson Stull
fireman
physical plant
10 years

Promotions

Alan Richard Bloom, from library clerk II to library clerk III; Joseph Myron Brewer, from clerk II to senior accounting clerk; Viola M. Campbell, from staff nurse to student health center nursing supervisor; Lisa Leann Gilmore, from clerk typist to clerk typist II; Rita Germaine Hampton, from clerk typist to medical center admissions clerk; Gail Ann Heinemann, from staff nurse to head nurse; Carl Ancil House, from janitor to window-wall washer.

Raymond Lee Jones, assistant garage supervisor to transport garage supervisor; Lorraine Anne Lanman, from

senior clerk typist to secretary; James J. Mahan, from watchman to lead watchman; Donna McLaughlin, from clerk II to senior receptionist; Russell E. Miller Jr., from janitor to groundsman; Candace Lynn Moran, from senior clerk typist to administrative assistant.

Stephen L. Parker, from janitor to groundsman; Stephen M. Petrechko, from library clerk I to library clerk II; Jennifer L. Steelman, from secretary to chief clerk; David William Stock, from animal technician to animal technician II; Melinda Clark Turk, from library clerk II

to library clerk III; Robert Walker Wells, from fireman to crane operator.

Carol Vallier Berg, from research laboratory technician to senior research laboratory technician; Susan Campbell Bey, from staff nurse to head nurse; Linda Doris Brown, from food service worker III to food service worker IV; Donald F. Burnett, from control mechanic to mechanical tradesman; Raymond A. Cornell, from janitor to watchman; Robert Crews Jr., from food service worker I to food service worker II; Donald Lee Dameron, from food service worker II to food service worker III.

Five-year honorees

The following employees observe five-year anniversaries with the University this month:

Kathleen Mella Crane, chief accounting clerk, administrative affairs; Ronald Wayne Womack, research engineering technologist, Dalton research center; Patricia E. Pirtle, clerk typist, cooperative extension service; James Charles Burnett, senior electronics technician, nuclear engineering; Linda Kay Williams, food service worker I, dormitories; Burl Allen Finlay, janitor, building operations; Ruby E. Ross, medical records coder, student health service.

Calendar of Events

ACADEMIC SCHEDULE

Nov. 21: Thanksgiving recess begins at 5:30 p.m.

Nov. 27: Classwork resumes at 7:40 a.m.

ATHLETIC EVENTS

Nov. 18: Women's Basketball: Minnesota vs. Missouri, 7:30 p.m., Hearnes Multipurpose Building.

Nov. 20: Basketball: Bulgaria vs. Missouri, 7:35 p.m., Hearnes Multipurpose Building.

Nov. 27: Basketball: Butler vs. Missouri, 7:35 p.m., Hearnes Multipurpose Building.

Nov. 28: Women's Basketball: Southeast Missouri State vs. Missouri, 7:30 p.m., Hearnes Multipurpose Building.

Dec. 1-2: Basketball: Show-Me Classic (Southern Illinois, Alabama-Birmingham, Eastern Kentucky), 7:05 and 9:05 p.m., Hearnes Multipurpose Building.

Dec. 5: Basketball: Illinois vs. Missouri, 7:35 p.m., Hearnes Multipurpose Building.

CONCERTS, PLAYS

Nov. 13: Faculty Recital Series: Betty Scott, trumpet, 8:15 p.m., Fine Arts Recital Hall.

Nov. 15-28: Studio Theatre production, "The Bacchae of Euripides," 7:30 p.m., Gentry Hall, tickets 50 cents.

Nov. 17: Faculty Recital Series: Esterhazy Quartet, 8:15 p.m., Fine Arts Recital Hall.

Nov. 18: University Chamber Music Series: I Musici with Pina Carmirelli, soloist, 8:15 p.m., Jesse Auditorium.

Nov. 19: University Symphony Orchestra: Hugo Vianello, conductor, 3 p.m., Jesse Auditorium.

Nov. 20: University Brass Ensemble, 8:15 p.m., Fine Arts Recital Hall.

Nov. 21: Jesse Auditorium Concert Series: Marilyn Horne, mezzo soprano, 8:15 p.m., Jesse Auditorium.

Nov. 28: University Band Spectacular: Symphonic Band, Studio Band, and Marching Mizzou, 8:15 p.m., Jesse Auditorium.

Nov. 29: Faculty Recital Series: George Defoe, trombone, 8:15 p.m., Fine Arts Recital Hall.

Nov. 29-Dec. 2: Studio Theatre production, "The Veldt," 7:30 p.m., Gentry Hall, tickets 50 cents.

Dec. 3: UMC Concert Chorale: (University Singers), Ira Powell, director, 3 p.m., First Presbyterian Church.

CONFERENCES, SHORT COURSES

Nov. 10-11: M. D. Day. For more information call 882-2256.

Nov. 13-17: Administrator in Training. For more information call 882-2256.

Nov. 13: Nursing Opportunities Day, 1-5 p.m., large ballroom Memorial Union features exhibits and literature concerning nursing careers for students.

Nov. 13: Reading Comprehension, 7 to 9 p.m., Room S-4, Memorial Union, no registration necessary.

Nov. 18: Stress Workshop, all day, Memorial Union. \$5 registration fee. For further information, call 882-8320.

Dec. 4-6: Family Practice Update. For more information call 882-2256.

FILMS, EXHIBITS

Nov. 10: MSA Film "Which Way is UP?," 7 & 9:30 p.m., Middlebush Auditorium, tickets 75 cents in advance, \$1 at the door.

Nov. 10: Astronomical Film of the Week: "Birth and Death of a Star," 7 p.m., Room 114, Physics Building. Telescope observing at 8 p.m. in Laws Observatory, free.

Nov. 11: MSA Film "Heroes," 7 and 9:30 p.m., Middlebush Auditorium, tickets 75 cents in advance, \$1 at the door.

Nov. 12: MSA Film "Tall Blonde Man with One Black Shoe," 8 p.m., Middlebush Auditorium, free.

Nov. 15: MSA Film "To Kill a Mockingbird," 8 p.m., Middlebush Auditorium, free.

Nov. 16: "Scenes from a Marriage," (1974), sponsored by the Committee on Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Nov. 17: MSA Film "Julia," 7 and 9:30 p.m., Middlebush Auditorium, tickets 75 cents in advance, \$1 at the door.

Nov. 17: Astronomical Film of the Week: "Origin of the Elements," 7 p.m., Room 114, Physics Building. Telescope observing at 8 p.m. in Laws Observatory, free.

Nov. 18: MSA Film "Young Frankenstein," 7 and 9:30 p.m., Middlebush Auditorium, tickets 75 cents in advance, \$1 at the door.

Nov. 19: MSA Film "Day for Night," 8 p.m., Middlebush Auditorium, free.

Nov. 29: MSA Film "The Producers," 8 p.m., Middlebush Auditorium, free.

Nov. 30: "Stolen Kisses," (1969), sponsored by the Committee on Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Dec. 1: MSA Film "American Hot Wax," 7 and 9:30 p.m., Middlebush Auditorium, tickets 75 cents in advance, \$1 at the door.

Dec. 2: MSA Film "Rocky," 7 and 9:30 p.m., Middlebush Auditorium, tickets 75 cents in advance, \$1 at the door.

Dec. 3: MSA Film "2001: A Space Odyssey," 8 p.m., Middlebush Auditorium, free.

Dec. 3: "The Killing," (1956), sponsored by the Committee on Lectures and Cultural Events, 8 p.m., Ellis Library Auditorium, free.

Dec. 6: MSA Film "Mr. Magoo's Christmas Carol," 8 p.m., Middlebush Auditorium, free.

LECTURES, SPEAKERS

Correction: Susan M. Miller, speaker at a September Women's Center seminar, was incorrectly identified as a member of Rep. Richard Ichord's staff. Ms. Miller is the National Abortion Rights Action League representative for the Eighth Congressional District.

Nov. 14: "Legal Development of State and Federal Water Quality Regulation" by Peter Davis, UMC School of Law professor, 7:30 p.m., Room S203, Memorial Union. Free and open to the public. Refreshments provided.

Nov. 15: "Buying Your Own Home," what to look for and look out for by realtor Eleanor Arendt, 7 p.m., 1 Gentry Hall. Refreshments provided.

Nov. 16: "So You Want to be A Lawyer," a seminar for women considering law as a career, by the UMC Women's Law Caucus, noon, 1 Gentry Hall. Refreshments provided.

Nov. 17: ITT Key Issues Lecture Series, "How Business Assesses the Business Press," by Lewis W. Foy, chairman, Bethlehem Steel Corp., 8 p.m., N201 Memorial Union.

Nov. 20: English Lecture Series: "Patristic Psychology in Old English Poetry: Hrothgar's Sermon," R.E. Kaske, Avalon Foundation Professor in the Humanities, Cornell University. 8 p.m., small ballroom, Memorial Union. Coffee at 7:30 p.m.

Nov. 27: "Raising Feminist Sons," conflicts, contradictions and techniques of people raising sons from a feminist perspective, by Loretta Williams, assistant professor of sociology, and Phyllis Hopkins, graduate student in health and physical education, noon, 1 Gentry Hall. Refreshments provided.

Nov. 29: "Child Abuse and Neglect," causes and prevention of child abuse, by Hank Schneider, Mid-Missouri Mental Health Center psychiatric social worker, 7 p.m., 1 Gentry Hall. Refreshments provided.

Nov. 30: "Single-Parenting," social structures and coping strategies for single parents, by Carolyn Farquhar, assistant professor of child and family development, noon, 1 Gentry Hall. Refreshments provided.

FESTIVAL OF THE MISSOURI FOLK ARTS AND MUSIC

Friday, Nov. 17: Dulcimer, guitar and autoharp music by Boone County musicians, 2 p.m., Room S203, Memorial Union.

Friday, Nov. 17: "The Folklorist: Protector of Authenticity," by Roger Abrahams, American Folklore Society president, 4:15 p.m., Union Auditorium.

Friday, Nov. 17: Folk music from the Ozarks, hosted by Max Hunter, 8 p.m., Union Auditorium.

Saturday, Nov. 18: "Approaches to Preserving Folk Arts," by Ellen Stekert, Minnesota State Folklorist, 9:30 a.m., Union Auditorium.

Saturday, Nov. 18: Traditional German folk dances, 3:15 p.m.; native American dance and music, 3:45 p.m., Union Ballroom.

Saturday, Nov. 18: "Preserving Missouri Folk Arts," a panel discussion, 4:15 p.m., Union Auditorium.

Saturday, Nov. 18: Music by the Boyer Family and Henry Townsend, 8 p.m., Union Auditorium.



From ballads to blues, the UMC community is invited to celebrate the state's multi-cultural heritage during the two-day "Festival of the Missouri Folk Arts and Music," Nov. 17 and 18 in the Memorial Union. The meeting commemorates the 75th anniversary of the Missouri Folklore Society's founding.

I Musici, Italian chamber group, scheduled Nov. 18 in Jesse Hall

All four campuses of the University of Missouri system and their communities will share a special cultural event this November — performances by I Musici, an internationally known 12-member Italian chamber music group.

I Musici, which means "the musicians," was established in Rome 26 years ago with the express purpose of preserving music from the baroque era.

"Through cooperative booking of I Musici throughout the four campuses, the UM system was able to make performances available at a cost savings," says Melvin D. George, UM vice president for academic affairs. "This joint appearance is part of our efforts to expand cultural events opportunities for the

University and the citizens of the state."

Pina Carmirelli, violin master at the Academia di Santa Cecilia in Rome, will be featured at all performances. She is known to American audiences through her associations with Rudolf Serkin and the Marlboro Festival.

Each member of the ensemble is a soloist in his or her own right; however, the members play without conductor. I Musici employs rigid academic and musical standards in analyzing original manuscripts.

I Musici's performance in Columbia will be at 8:15 p.m. Saturday, Nov. 18, in Jesse Auditorium.

Ticket prices range from \$4 to \$10 each, depending on seating.

CAMPUS COLUMNS

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'Boomerang' aims at non-discrimination

The Boomerang Program, named for its shock value, has come to Columbia campus.

And it's about time, say the staff who attended the first session Oct. 17 and 18.

Boomerang, a two-day training program on equal opportunity and affirmative action laws, seeks to modify behavior rather than attitudes. The program, which premiered on campus in a showing to 30 high administrative staff, uses workbooks, filmed case studies and group discussion.

Its name characterizes the surprise experienced by the Australian native who first tossed a curved piece of wood into the air and watched it come back to him. Similarly, an employer's discriminatory policies may boomerang, hitting the company's pocketbook with discrimination penalties.

One-half the program concerns job qualifications and hiring decisions, while the other half is on-the-job interaction with protected classes — minorities, women and handicapped persons — for promotion, discipline, termination and performance evaluation.

"The program recognizes that everyone has prejudices," says Jackie McClain, affirmative action coordinator and one of the program's facilitators. "It accepts this premise and works to help people who represent institutions not to discriminate."

The program can benefit everyone, but is particularly useful to supervisors who interview applicants or interact with protected classes during work hours. The central administration, through the office of A. G. Unklesbay, purchased the program for use on all four campuses.

McClain and Barbra Horrell, training development coordinator at the Medical Center, eventually hope to reach 300 UMC

staff.

"The course discusses our built-in biases and the way we evaluate other people," McClain says. "We expect others to look, dress and act like us. But we should decide if another person's behavior is in an acceptable range, not if that person is the same as we are. For example, you should ask, 'Does the interviewee dress neatly?'"

"People often ask 'forbidden' questions during interviews, because they don't identify the exact information they want. They ask superficial questions that bring them other information. If interviewers would think instead about what they need to know, they could ask questions to get that information directly, such as, 'What was your attendance record at your last job?' rather than, 'How are you going to take care of your children when they are sick?'"

"Also, people are nervous in interview situations and often make small talk to ease the tension," McClain explains. "But the subject of the small talk often is none of their business and may contain implications for discrimination. Such questions as, 'Are you married?' 'What does your husband do?' or 'How old are your children?' can be discriminating."

Horrell feels that the program should clear up a lot of misconceptions. "A lot of supervisors are afraid to dismiss a member of a protected class who is not doing a good job, because they don't understand the discrimination laws," she says. "But the real objective of professional evaluation and discussion is for the employee to do a good job. If incremental discipline is followed as it should be followed, through progressive steps, then the fact a person is in a protected class shouldn't make any dif-

ference."

The program's strong point, McClain says, is the unstructured interaction that opens doors to ideas and information. "We must have spent half the time at the session answering questions," she says.

Staff apparently appreciated the information they received from the program. The unsigned evaluations were overwhelmingly complimentary.

Martha Hendricks, cashiers office manager, was enthusiastic about the session she attended. "The discussion and questions from others really helped me. I think everyone at the University should be permitted to attend the program. It showed the correct approach to interviews and promotion decisions; most staff don't have time to read all of the laws and

regulations on their own."

Don Hoehle, fiscal operations officer, termed the program excellent. "I was impressed with the amount of commentary the film vignettes stimulated from the group and with the really tough questions asked. Jackie, particularly, did a good job of responding to the legal questions — it was like a mini-law course."

"I am hopeful that people in my division who have a one-to-one dialogue with minority staff members or potential staff members will have a chance to go through the program," he said. "I'm not sure that the senior supervisory staff have the opportunity to read the literature on the subject."

More sessions will be scheduled after the first of the year.



Vol. 10, No. 5

Wednesday, Dec. 6, 1978

Committees supplement

Announcement of the 1978-79 committees, councils and boards supplements this issue of Campus Columns.

Each group's revised charge accompanies the listing of faculty, staff and student members.

The information is designed to be pulled out and filed or tacked to the bulletin board for quick and easy reference.

UMC energy conservation 'lightens' costs

During the past five years, persistent energy conservation efforts by UMC have "lightened" the burden of rising energy costs. The latest information from Rex Dillow, assistant director of the physical plant, shows the campus's commitment hasn't relaxed.

Electricity and coal consumption from July through October was nearly 10 percent less than one year ago — even though the warmer weather created greater demand.

"I think it's pretty startling, especially since we have had a conservation program in effect since 1973 and already have had

substantial savings," says Dillow.

"The entire campus community deserves credit for this accomplishment. But I think special recognition is due mechanical trades under the superintendency of Lowell St. Clair, who has carried out the program without additional staffing. As with most ambitious projects, a multitude of behind-the-scene activities is necessary for success."

Dillow measures success in terms of cost-savings, which, from July through October, totalled more than \$187,000. In the past five years, the campus energy conservation program has saved \$5 million.

The University seriously began confronting high energy costs five years ago when the Arab countries prohibited oil exports and prices escalated.

"At that time," recalls Dillow, "no one knew the extent of the problem. We all expected to return to the 'good ol' days' of cheap energy. Our initial measures were oriented to eliminating obvious waste."

"As time passed," he says, "it became clear that high cost and limited availability were here to stay. So we implemented more stringent measures and increased funding for conservation projects."

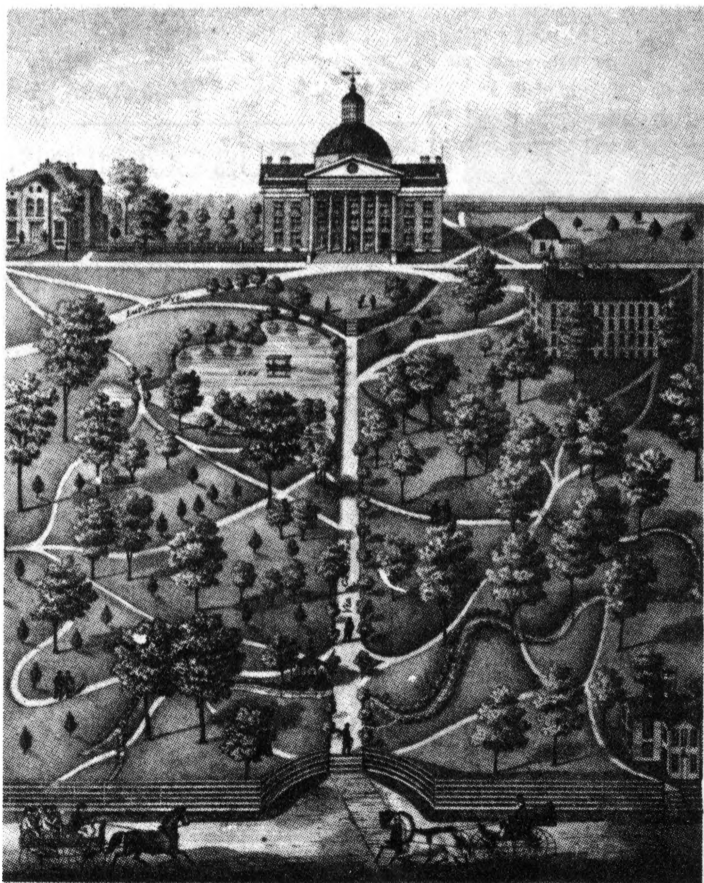
The campus has continued this two-pronged attack: limiting use and improving equipment efficiency.

"We simply shut down heating and air conditioning when their use is not required. We adjust temperatures to reduce heating and cooling loads, and we reduce lighting levels," says Dillow.

"To improve operating efficiency, we replaced indoor incandescent lamps with fluorescent fixtures which use only one-third as much energy. Outdoor incandescent lights were replaced with mercury vapor and high-pressure sodium lamps which are several times more efficient. Heating systems have been modified. In three buildings, we have installed, or are in the process of installing, heat recovery systems."

"Restricted use has produced the greatest results thus far," says Dillow. "but further emphasis increasingly must be on more costly technical improvements." For example, funding requests are pending for several innovations: a central facility that would monitor and control temperature demands, the replacement of inefficient motors with high efficiency units and an interconnected building cooling system.

"The most energy-efficient system in the world will waste energy if it is used when it is not needed," Dillow notes. Therefore, limiting use will continue to be UMC's key conservation measure.



Season's Greetings

Barbara S. Uehling

Astronomer ponders Star of the East's origin

"At about that time some astrologers from Eastern lands arrived in Jerusalem, asking 'Where is the newborn King of the Jews? For we have seen his star in far-off eastern lands, and have come to worship him.'

King Herod was deeply disturbed by their question, and all Jerusalem was filled with rumors. . . .

Then Herod sent a private message to the astrologers, asking them to come see him; at this meeting he found out from them the exact time when they first saw the star. . . .

After this interview the astrologers started out again. And look! The star appeared to them again, standing over Bethlehem. Their joy knew no bounds!" **Matthew 2:1-10**

Nearly 2,000 years have passed, but the question remains: What was the Star of Bethlehem? Could it have been a natural phenomenon?

Except for Biblical references, astronomers today have little information with which to explain the appearance of the mystical star.

Currently, two theories offer the most plausible explanations, says Charles Peterson, astronomer and UMC assistant professor of physics.

One theory states that all major planets in the solar system were aligned in conjunction with the sun. (This phenomenon,

not uncommon in astronomical history, will appear again in 1982 and has been the subject of a popular — but misguided — book "The Jupiter Effect.") "It's very plausible that 2,000 years ago a similar conjunction occurred," says Peterson.

"When the planets are in the region of the bright star Sirius, which would appear in the southeast sky, there would be a very bright configuration. It could be quite spectacular, especially if the moon were in the same region."

A second, more exotic possibility is that the ancient astrologers witnessed a nova. "In a nova," explains Peterson, "we are seeing the interaction between two stars

revolving around each other. One star, a white dwarf, has burned itself out, cooled and contracted to about the size of the earth." "Its companion star is in the process of becoming a red giant star — the core of the star is contracting, but the outer atmosphere is expanding and cooling."

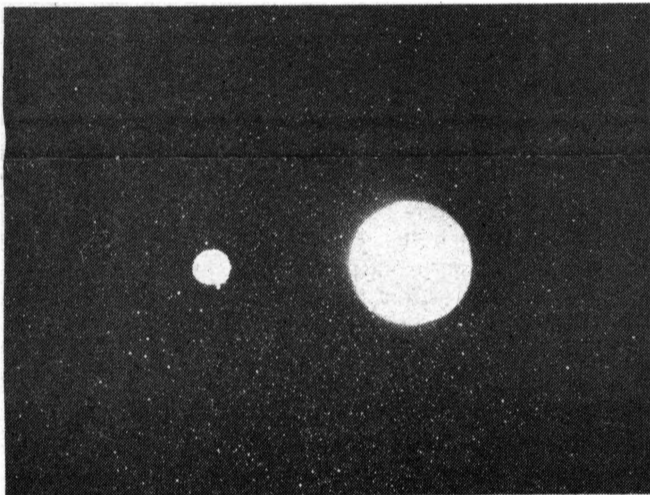
"As it expands, this atmosphere envelops the white dwarf whose intense gravitational pull accumulates hydrogen from the giant star. Eventually, nuclear reactions converting hydrogen to helium begin on the surface of the white dwarf. These reactions release energy, the temperature increases and the reactions

go faster and faster. This is a runaway situation, literally an explosion."

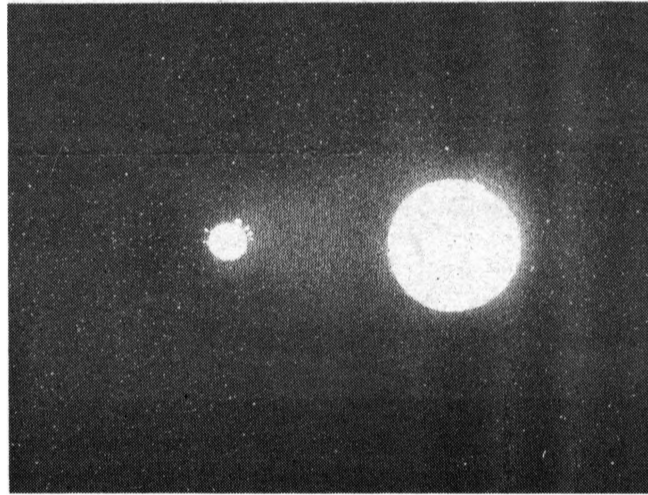
"On earth," he adds, "what is invisible one day could grow into one of the brightest stars in the sky the next day. If the nova were close to our sun, it very easily could have been the brightest star and would have remained visible long enough to permit an expedition and search to be conducted."

As to which explanation is favored by astronomers, Peterson demurs. "We just can't be specific; we just don't know. We don't know the precise date of Christ's birth, and it's not at all clear what the true astronomical observation was."

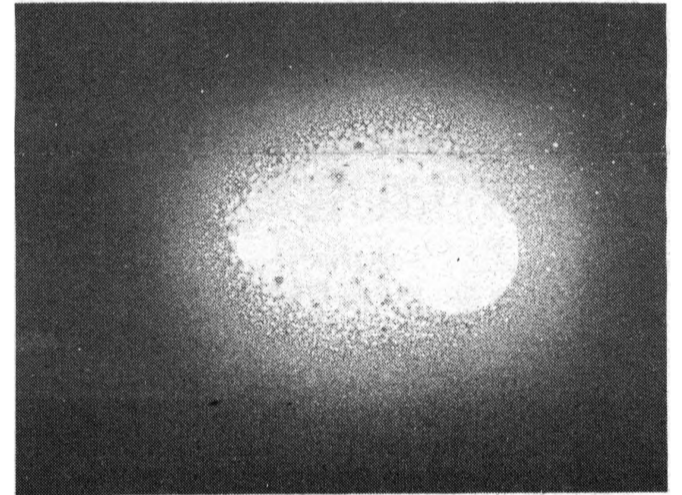
The Nova effect



A nova occurs in a system of two stars orbiting each other. As the red giant member expands in size, hydrogen gas from its atmosphere is captured by the white dwarf star.

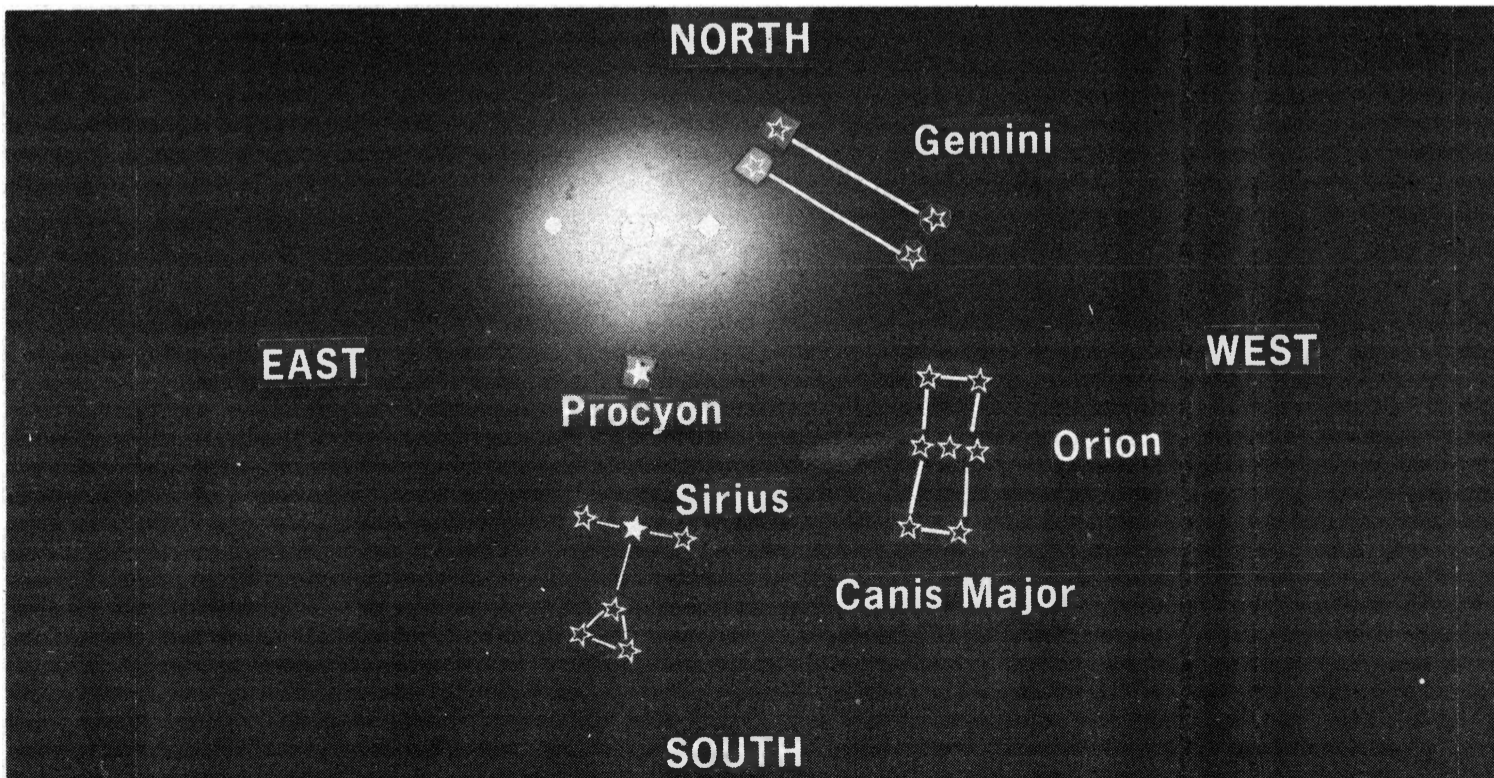


When sufficient material is accumulated on the surface of the white dwarf, hydrogen begins to fuse to helium in a rapid, explosive fashion. Initiation of the nuclear reactions take place within a period of a few hours, increasing the brightness by a factor of 100 million.



Over the period of a year, the hydrogen on the surface of the white dwarf becomes depleted and the star fades in brilliance. The process of accumulation of hydrogen of the white dwarf will then begin again. A nova outburst will recur in perhaps 50 to several hundred years.

The Jupiter effect



This artist's rendering shows the southeast portion of the winter sky (about a 50 degree spread) with the hypothetical closed conjunction of the planets Mars, Jupiter and Saturn. To the naked eye, the conjunction could appear as a bright, single star.

CAMPUS COLUMNS

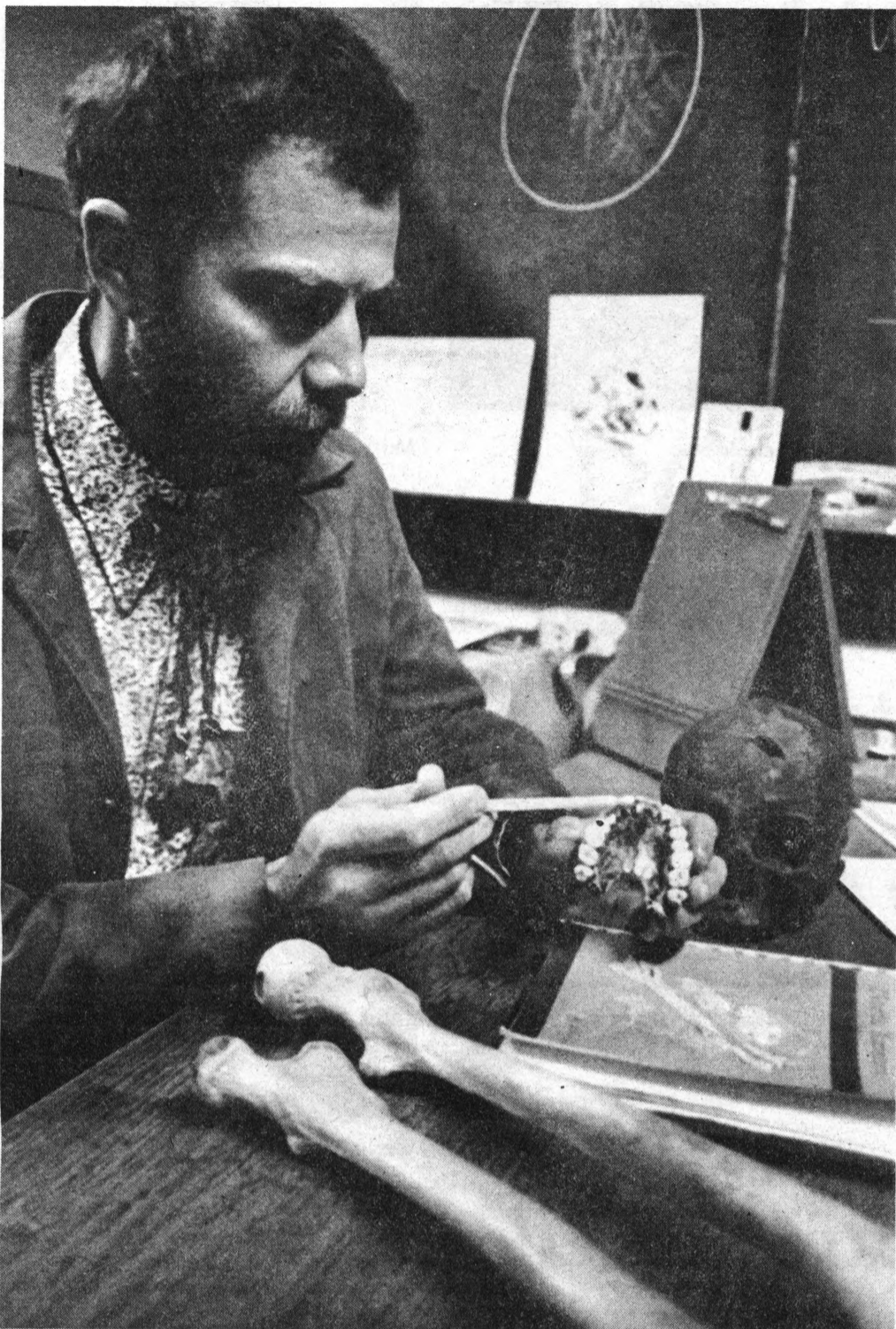
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For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

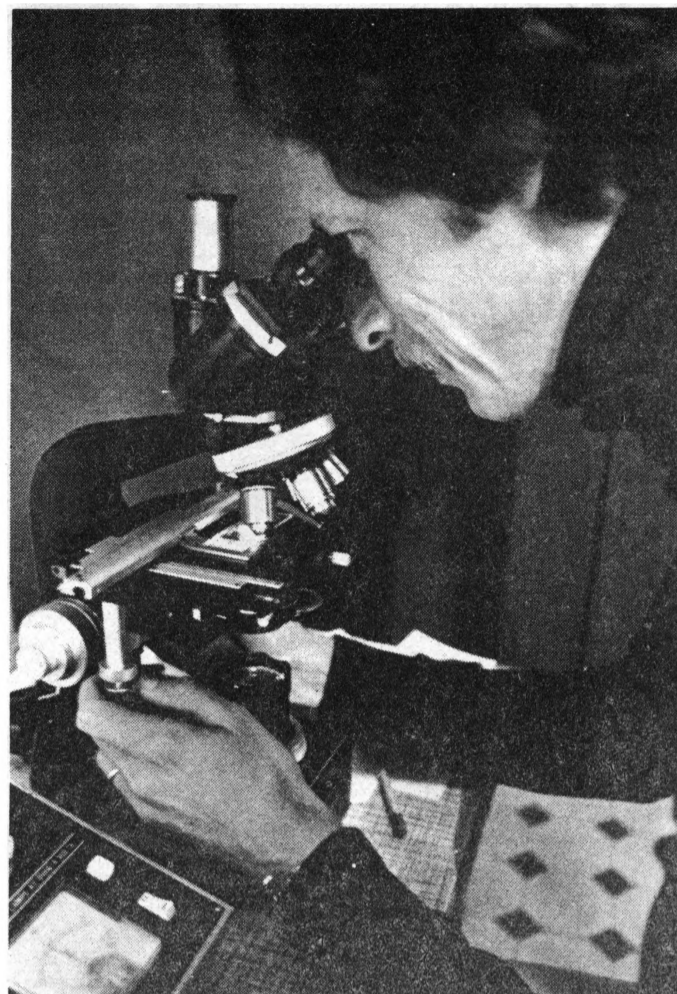
Editors: April Walgren
Catherine Kernen

The University of Missouri
An Equal Opportunity Institution

Bones tell the tale for UMC anthropologists



Teeth can be used to identify a person as well as fingerprints, says Gilbert. Here he displays some of the unique features of an American Indian's teeth.



Stout uses a microscope to determine the age of bones. Bones also can indicate sex and nationality.



Even bones that have been charred in a fire are not beyond Benfer's identifying skills.

The Sheriff's Patrol discovers a skull. Has a crime been committed?

The Corps of Highway Engineers uncovers a pile of skeletal remains. Are they human?

A game warden apprehends a hunter with a turkey carcass. Is it domestic or out-of-season wild game?

These are the kinds of questions a UMC team of physical anthropologists answers for agencies across the nation.

Myles Gilbert, research associate; Sam Stout, assistant professor; and Robert Benfer, professor of anthropology, serve the Midwest as bone structure identification experts.

Using several techniques to collect information, the anthropologists supply a variety of needs for bone identification — from solving a possible criminal case to comparing the stature of prehistoric civilizations.

Gross observation and measurement of bones reveal sex, race, age at death and, in the case of animals, species. Ideally, major bones are brought to the lab for identification. The work becomes more difficult when just bits and pieces are available or when the bones have been burned.

Gilbert, whose specialties are anthropology and zoology, says it is not always easy to distinguish domestic from wild animal bones. However, hunters who bag out-of-season game stand a good chance of being

convicted if they do not dispose of the tell-tale evidence — the skeleton.

For determining sex and age in humans, the pelvis is Gilbert's favorite bone. "The morphologic changes in the pelvis read like a calendar in humans from puberty to age 60," he says.

Several bones can indicate race, but the skull gives the best identification. The femur or thigh bone also distinguishes race in some cases. Research done by Gilbert established that the femur of North American Indians is very curved, while Caucasian femurs are only slightly curved and the femurs of blacks and South American Indians are straight. He attributes this curvature to a combination of genetic factors and individual body development.

Gilbert is particularly proud of one case which earned him a letter of commendation from J. Edgar Hoover and a free subscription to the FBI Law Enforcement Bulletin. FBI agents discovered what they thought was a human foot in a ditch in California. Gilbert solved the case by identifying the fleshy remains as a bear paw minus its claws and another bone at the site as the tibia of a mule deer.

Bones also provide important information about extinct civilizations. Gilbert became interested in the field as a graduate student when he participated in a river basin survey. The project entailed sorting by skeleton and identifying both animal

and human bones. In determining the species and age of the animal bones, Gilbert obtained data about the Indians' diet as well as the time of year they lived at the site. Further, the particular method of butchering the animals identified the Indians by tribe.

Gilbert says the most exciting find in Missouri occurred in Crankshaft Cave, south of St. Louis. One of many sink holes in Missouri, the cave is a natural repository for animal bones. The skeletal remains of a ground sloth and a long-nosed peccary found there are more than 8,000 years old. This discovery provides important information about Missouri's past environment and climate.

Teeth also can supply positive identification of humans because no two persons have the same dental problems. Certain characteristics of the teeth also specify race. American Indians have an edge-to-edge bite and a scoop-like formation of enamel on their teeth compared to the typical Caucasian overbite.

Several years ago police in Marshall discovered the body of an adult male. Benfer noted the teeth had temporary dental patches, typical of work done in prisons. Unfortunately, prisons don't keep records of dental work done on prisoners.

Further observation revealed the skull had one baby tooth, an unusual trait in an adult. This led to X-ray records in a local

dentist's office and to the person's positive identification.

Stout provides an additional approach to bone identification. Using a method called histomorphometrics, he studies bone remodeling to determine age and the presence of bone disease.

Stout likens bones to reinforced concrete with the added feature that bone mends itself. Bones serve as reservoirs of calcium for the body. When a dietary need for calcium develops, or when bone cells die during aging, this reservoir is depleted, removing, or remodeling, bone.

As a result, osteons are formed. Stout uses a microscope to measure and count the osteons. He is the only person in the United States who uses the histomorphometrics method to study the evolution and population dynamics of normal and diseased human bone in extinct populations.

Since Missouri has no Bureau of Missing Persons the team feels the need for bone identification exists. Most county coroners have minimal skills in bone identification, says Gilbert. They specialize more in soft tissue and toxicity cases.

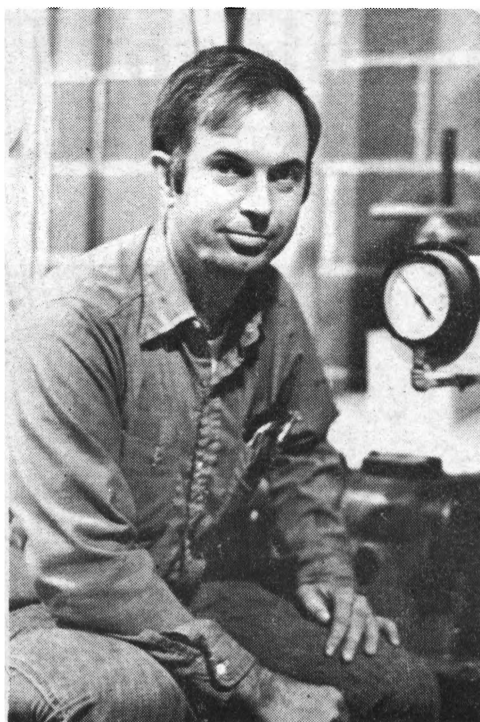
"Bone identification is a real service which we feel a responsibility to fulfill," Gilbert says.

And, if you're still curious, the skull the Sheriff's Patrol discovered was identified by Gilbert as that of a margay cat. Case closed.

Employees' Staff Advisory Council members 1978-79



Joy Ingersoll



Jerry Nichols



Mary Kay Miller



Cliff Manlove



Garf Thomas



Charity Flack



Steve Cox

Staff Advisory Council appointed; meets Dec. 8

Fifteen members of the newly-appointed Employees' Staff Advisory Council will meet as a group for the first time Dec. 8. The council, a recognized voice to the administration, represents about 4,000 members of the University community.

Members of the council were announced Nov. 15 by Chancellor Barbara Uehling, following the nomination of representatives through ballots distributed to staff members.

After the ballots were tabulated, those persons receiving high numbers of votes were reviewed by the chancellor to select a balanced sexual, racial and divisional representation on the council. In some cases, persons with a high number of nominations were bypassed to achieve the appropriate balance.

Eight males and seven females were named to the council; three members are black. Also, three of the representatives were members of last year's Campus Management Advisory Council and were appointed by Uehling to provide a transition between the now-defunct CMAC and the new group.

Campus Columns spoke with each of the staff council members to learn their impressions and expectations of the staff council. Their comments are printed below.

Joy Ingersoll, a senior secretary in the medical records department, looks forward to the work of the Employees' Staff Advisory Council as a means to "open up communication between the nonacademic

employee division of staff and the administration."

But Ingersoll said she would be better able to recognize specific issues after the group's first meeting Dec. 8. She has worked at the Medical Center for nearly 10 years.

As a University employee since 1966, Jerry Nichols will be taking 12 years of University experience with him when he begins this month as a representative to the council.

Nichols said there were several potential issues he felt could come before the council, but said he would be able to better answer those questions after the group's first meeting. Nichols works as a steamfitter for the physical plant.

Mary K. Miller, a food service worker at Rollins Cafeteria, hopes her continual association with fellow staff members will help her be a good representative. "I am in touch with staff all the time," she said, adding she hopes to bring their concerns before the council. She said she was not prepared to discuss what particular issues might come before the group until after the members had met.

Patricia Ives, library assistant II at Ellis Library, says she is excited about the establishment of the council. "We never had a chance to provide input before; this is a big step forward," she says.

Ives, who catalogues monographs, has

been with the University eight years.

"At this time, the chancellor has not said what the council's role is to be, but I assume we will be advising her on UMC's work environment," Ives explained. "I see our most important role as communicating staff concerns."

She said that in the past there has been a division between faculty and staff on representation to campus administration. "I hope that the council will bridge this gap somewhat," Ives said.

Alan Jones, who says he hopes the chancellor's advisory group "can deal with some of the real problems that face the University," feels lack of communication is a major concern.

Bringing together representatives of all sectors of the UMC staff will be one step toward solving the communication problem, Jones says. "One of the good things about the council is that we can compare notes."

A 7½-year employee, Jones works in the gifts and exchanges section of Ellis Library.

During his employment, the library assistant has become aware of the disadvantages nonprofessionals face. Salary incentives, for example, he says, must be equalized to provide nonprofessionals the same encouragement to stay at UMC as professionals receive.

Richard Lewis, an electrician in the electric shop of physical plant, has worked for UMC 11 years.

"I'm concerned with the parking

situation," he says, "as well as improving staff benefits, although I feel that sick leave and vacation time are satisfactory."

Lewis welcomes suggestions from staff and says that he would be glad to listen to any employee who would like to contact him about staff council.

New staff council member Fannie McBride already has received many calls, she says, from well-wishers and UMC employees just wanting to make known their viewpoints and "wants to let all people know we're available" and open, but "because it is a new organization," she stresses to her friends and co-workers "not to expect too much at first. I don't really know exactly what the chancellor wants us to do."

The need for more and qualified black faculty and staff is one of McBride's chief concerns. She also hopes the staff council succeeds in bringing to the chancellor the wishes and needs of the whole campus, not just one or two departments.

McBride, a five-year UMC employee, handles bids for the purchasing department.

Clifford T. Manlove says he would like to see the council act as a communication link between staff and the chancellor and hopes that employees will be able to contribute more to the University community.

Manlove is the director of business affairs in the College of Arts and Science. He

1978-79 COMMITTEES COUNCILS & BOARDS

Presented by
the University of
Missouri-Columbia

With a short history
of the subject.



In the early 1900s, there were few committees at the University of Missouri. With a little over 100 faculty members, they didn't need many.
Courtesy, State Historical Society of Missouri.

UMC's Committees, Councils & Boards.

A Short History.

"When I first came to the University in 1925, there were only a few committees," says Charles Mullett, professor emeritus of history. "There was a University Policy Committee, the forerunner of the Faculty Council, for example.

"But the majority of committees that we have today just didn't exist. We probably had an Honorary Degrees Committee, a Committee on Revision of Records and a Schedule of Exams and Student Conduct Committee. Of course there was no Veterans Committee until after World War II, and no women's or minorities committees until the 1960s.

"We had far fewer committees due to fewer people, of course, but also because in those days we had nothing comparable to the democracy as it exists now in the University.

"Back then younger members of the faculty didn't serve on committees, and there were no elected committees. Faculty were nominated for committees by deans who knew them. As a young faculty member, however, it never occurred to me to speak my piece."

By 1945, with an influx of younger faculty and a boom of democracy, the committee system started to burgeon. In the late 60s, students were added to committees, then staff, and in 1967, the Faculty Council began as we know it today. It was an appointed body, but quickly became an elected one.

With such rapid and enthusiastic growth, however, there had to be a limit. It came in 1975. The committees had grown to unwieldy sizes, and the Committee on Committees was given charge of the committees and worked to pare them down to effectual sizes.

"It was less than perfect," says Charles Middleton, director of the Sinclair Research Farm, in describing the committee system. "We surveyed the committees and asked if they were worthwhile and if they should be continued. We even asked if members knew the charge of their committees.

"We added ex-officio members — people responsible in committee areas who could not vote — and handed over the selection of faculty to the Faculty Council to get a better balance of faculty from divisions. Now the Committee on Committees oversees the committees and provides an orderly and rapid way to make changes."

All of the UMC committees welcome input — from faculty, staff and students alike. If you have concerns or interests in certain areas, contact the chairperson or members of the appropriate committee.

This listing represents the committees and charges established for the 1978-79 school year, and does not reflect appointments or changes made in committee memberships received after the Campus Columns printing deadline.

Additional copies of this listing are available from the Office of Public Information, 329 Jesse Hall, 882-6211.

I. Standing Committees.

These committees are appointed by the chancellor to serve as standing committees in areas of shared faculty-administrative-student concern or responsibility. Standing committees submit their reports and recommendations directly to the Chancellor; public communications or committee affairs and actions are issued by the office of the Chancellor.

Committee for Committees, Councils and Boards

(A standing committee for the purpose of recommending principles and procedures for effective committee work, for assignment and reassessment of duties and for resolution of conflicts in jurisdiction.)

Charles Middleton, Director, Sinclair Research Farm, **Chair**

Harold Jones, Associate Professor of Romance Languages

J. Malcolm Asplund, Professor of Animal Husbandry

Aimee Moore, Director and Professor of Nutrition and Dietetics

Victor Dropkin, Professor of Plant Pathology

Bill Riley, Director, Center for Student Life

Doug Wolfersberger, Assistant Director, Campus Computer Center

Don Downing, Student

Karen Hendricks, Student

Steve Bennett, Student

Doug Liljegen, Student

Honorary Degrees Committee

(A standing committee to recommend to the faculty, through the Faculty Council, individuals to be considered as recipients of honorary degrees.)

Abraham Eisenstark, Professor of Biological Science, **Chair**

E. Frederick List, Associate Professor

of Regional and Community Affairs
William Fratcher, Professor of Law
Robert Karsch, Professor of Political Science

Corrine Farrell, Associate Professor of Radiology and Bioengineering

Patricia Klobe, Associate Professor of Housing and Interior Design

Richard Schofer, Chairman of Special Education

Retiree Advisory Committee

(A standing committee to advise the Chancellor on matters concerning retired faculty and staff members.)

Edmund Marshall, Professor Emeritus of Agronomy, **Chair**

Ralph Luebbers, Professor Emeritus of Chemical Engineering

Robert McNamara, Professor Emeritus of Rural Sociology

Ruby Potter, Professor Emeritus of Nursing

Merle Muhrer, Professor of Biochemistry

Norman Ashlock, Chief Specifications Writer, Physical Plant, Retired

Edna Ballew, Admissions Advisor, Retired

H. W. Schooling, Chancellor Emeritus

Gladys Pihlblad, Assistant Director of Student Life, Retired

Jack Matthews, Dean of Students, Retired

Lectures and

Cultural Events Committee

(A standing committee to develop an annual series of lectures and cultural events dealing with cultural, scientific and public affairs.)

William Bondeson, Professor of Philosophy, **Chair**

Shankha Banerji, Associate Professor of Civil Engineering

Jerry Berneche, Associate Professor of Art

Thomas Cooke, Associate Professor of English

Noble Cunningham, Professor of History

Gary Fox, Associate Professor of Higher and Adult Education

Robert Kabak, Professor of Housing and Interior Design

Harry Morrison, Associate Professor of Music

Virginia Pyle, Associate Professor of Music

H. K. Adldinger, Associate Professor of Veterinary Microbiology

Don McGlothlin, Professor of Music

Naomi Ritter, Assistant Professor of German and Slavic Studies

H. D. Naumann, Chairman of Food Science and Nutrition

Cathy Kernen, Senior Information Specialist, Office of Public Information

Guy Conway, Student Activities Advisor, Center for Student Life

Cela McKee, Student

Barbara Hedlin, Student

Bryan Forbis, Student

Neil Skilton, Student

Debby Bryer, Student

Dave Evans, Student

Rebecca Walker, Student

Jane Worley, Student

Susan Willaredt, Student

Connie Shafer, Student

Julie Kahn, Student

Karen Rimmelle, Student

Committee for the

Physically Handicapped

(A standing committee to act on cases of admission of handicapped students under established general policies and to make policy recommendations regarding the well-being of handicapped students, faculty and staff.)

Betty Ann Dubansky, Associate Professor of Social Work, **Chair**

Charles Peterson, Professor and Chairman of Physical Medicine and Rehabilitation

Donn Brolin, Associate Professor of Counseling and Personnel Services

Marilyn Chandler, Assistant Professor of Special Education

Earl Pempiller, Assistant Professor of Special Education

Don Eggeman, Counseling Services

Barbara Hummel, Coordinator of Handicapped Programs, Center for Student Life

Walter Daniel, Vice Chancellor (ex-officio, non-voting)

Michele Paoletti, Student

David Wilson, Student

Gary Jacobs, Student

Suzanne Shoemaker, Student

Entrance of Students and Revision of Student Records Committee

(A standing committee to act on cases of admission referred by the Director of Admissions or by appeal of an individual student; to receive and act upon petitions by students for revisions in entries concerning grades and credits entered upon the official record card; and to act as advisory to the faculty administration on admission policies.)

Joseph Edmonson, Professor of Food Science and Nutrition, **Chair**

Irma Fleeman, Assistant Professor of Nursing

Hal Lister, Assistant Professor of Journalism

James Holland, Professor of Education

Betty Burchett, Associate Professor of Curriculum and Instruction

Myron Erickson, Assistant Professor of Management

Peter Markie, Assistant Professor of Philosophy

Frank Roberts, Associate Director of Admissions (ex-officio, non-voting)

International Studies and Programs Committee

(A standing committee to serve as a participative structure in establishing priorities, facilitating coordination and advising the International Center concerning matters of policy.)

Paul Wallace, Associate Professor of Political Science, **Chair**

Larry Kantner, Associate Professor of Fine Arts

Herbert Lionberger, Professor of Rural Sociology

Meyer Reinhold, Professor of Classical Studies

Nan Unklesbay, Assistant Professor of Nutrition

Rex Campbell, Professor of Rural Sociology

Jean Griffin, Assistant Professor of Clothing and Textiles

Delbert Hemphill, Professor of Horticulture

W.J. Burggraaff, Associate Professor and Chairman of History

Gary Cox, Instructor of German/Slavic Studies

Jane Clark, Associate Professor of Journalism

Robert Eastman, Professor of Industrial Engineering

Boyd Faulkner, Associate Professor of Regional/Community Affairs

William Fisch, Professor of Law

Carl Marienfeld, Professor of Family and Community Medicine

Ernest Roetman, Professor of Mathematics

Alain Swietlicki, Assistant Professor of Romance Languages

Larry Wilson, Associate Professor of Animal Husbandry

Sandra Colgrassi, Student

Kathy Byrne, Student

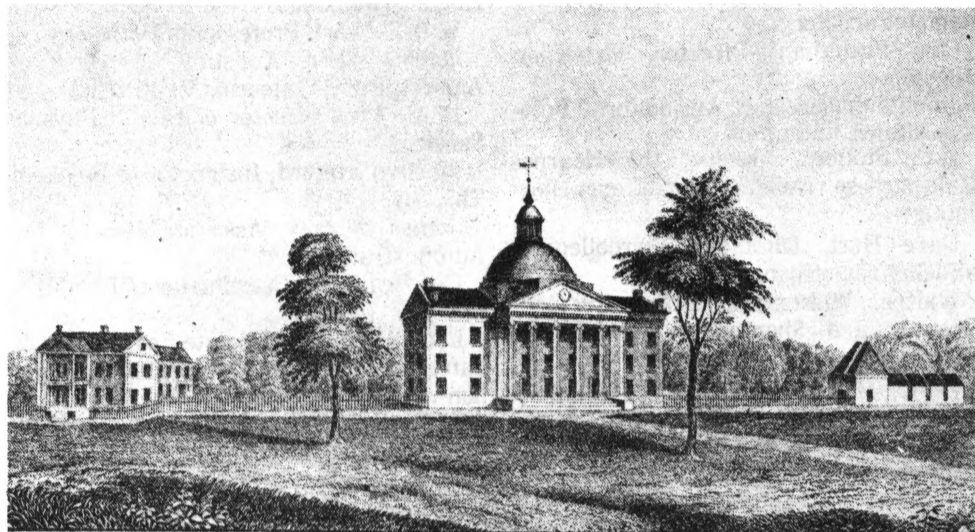


In the early 1900s at UMC, a rather tame physical education program was included for "women's activities." Courtesy, State Historical Society of Missouri.

Beth Randall, Student
Deanna Stromberg, Student
Edward Lakanu, Student
Rick Kammerer, Student
David Boswell, Student
Kerri Barsh, Student
Paul Haden, Student
Mary Gaye Flantge, Student
(One student to be added)

mine residence for tuition only and to have no jurisdiction in matters of admission.)

Richard Hoft, Professor of Electrical Engineering, **Chair**
William Stringer, Associate Professor of Food Science and Nutrition
Marilyn Markel, Assistant Professor of Health and Physical Education



An early artist's sketch of UMC's first campus: Academic Hall, center, flanked on the left by the President's House, and on the right by the University Observatory. Courtesy, State Historical Society of Missouri.

Library Committee

(A standing committee concerned with the continuing improvement of the library collection and library services and with academic affairs related to library policies and programs. The Library Committee makes recommendations concerning the allocation of the acquisition budget.)

Norman Barrier, Professor, History, **Chair**
Marilyn Caselman, Associate Professor, Home Economics
Carl Chapman, Professor of Anthropology
Norman Rabjohn, Professor of Chemistry

Peter Davis, Professor of Law
Ben Honeycutt, Associate Professor of French

Armando Favazza, Associate Professor of Psychiatry
John Gribbin, Director of Libraries (ex-officio, non-voting)
Paul Haden, Student
Rob Ramsdell, Student
Bob Seelinger, Student
Brett Beall, Student

Committee on Schedule of Studies and Examinations

(A standing committee to establish the regulations under which the Registrar issues and revises the schedule of courses, final examinations and evening group examinations.)

Kernan Whitworth, Professor of French, **Chair**
Floyd Harmston, Professor of Economics

Betty Martin, Coordinator of Home Economics Education
Wayne Decker, Professor and Chairman of Atmospheric Science
Ben Nelms, Professor of Curriculum and Instruction

John Mobley, Assistant Registrar (ex-officio, non-voting)
Lee Kline, Student
Mary Ohlhausen, Student
Sharon Gray, Student
Dan Rogers, Student

Committee on Residence for Tuition Purposes

(A standing committee to act in cases referred by the Cashier or Registrar or appealed by a student with respect to liability for tuition customarily charged on non-residents of the state; to recommend

changes and modification in the regulations concerning such tuition; to deter-

Alan Johnson, Professor of Physiology
Robert Spier, Professor of Anthropology
Martha Hendricks, Manager, Cashier's Office (ex-officio, non-voting)

Carl Leistner, Assistant Director, Center for Student Life—International Students' Office (ex-officio, non-voting)

Gary Smith, Director, Admissions and Registrar (ex-officio, non-voting)
Dennis Fowler, Student
Lee Kline, Student
Robert Polete, Student
Marilil Kassab, Student

Committee for Grants and Scholarships for Study Elsewhere

(A standing committee to recommend all campus candidates for grants and scholarships for study elsewhere including the Fulbright Award, Rhodes Scholarships, Danforth Fellowships and Woodrow Wilson Scholarships.)

Ethel Scott, Associate Professor of Recreation and Park Administration, **Chair**
Stanley Bull, Associate Professor of Nuclear Engineering

Charles Nauert Jr., Professor of History
M. E. Tumbleson, Associate Professor of Veterinary Anatomy and Physiology
T. E. Veum, Associate Professor of Animal Husbandry
David Harvey, Student
Lee McClain, Student

Housing Committee

(A standing committee to initiate and review recommendations regarding policies, rules and requirements for residence halls and other University-supervised housing.)

E. O. Schlemper, Associate Professor of Chemistry, **Co-chair**
Jim Ogle, Student, **Co-chair**

Roxanne Dilbeck, Associate Professor of Housing and Interior Design
Ronald Freeman, Associate Professor of Physiology

Perry Parrigin, Associate Professor of Music
Glenna Moe, Instructor of Nutrition and Dietetics

Sharon Pope, Assistant Director of the Center for Student Life (ex-officio, non-voting)

Harold Condra, Director of Housing (ex-officio, non-voting)
Dwayne Richard, Student
Leonard Hirsch, Student
Randy Norfleet, Student
Joanne Waldman, Student

Memorial Union and Brady Commons Governing Board

(A standing committee to recommend policies concerning the operation of the Memorial Union and Brady Commons. The board will also act on appeals of decisions of the director in implementing the governing policy.)

David LaGesse, Student, **Chair**
Treva Kintner, Assistant Professor of Home Economics

Ronald Enlow, Assistant Professor of Industrial Engineering

James Gaven, Professor of Anthropology

Ruth Bratek, Associate Professor of Journalism

Maydell Senn, Executive Assistant, Library and Informational Science

Robert Brock, Director, Memorial Union and Brady Commons (ex-officio, non-voting)

Mike Pivac, Student
Larry Ash, Student
Mary Jo Elder, Student
Lauren Chamberlin, Student

Student Conduct Committee

(A standing committee with responsibility for student conduct, general rules and precedence for deciding cases in accordance with the University of Missouri Standards of Conduct and Rules of Procedure in Student Disciplinary Matters.)

John Galliher, Associate Professor of Sociology, **Chair**

Marilyn Blossom, Professor and Chairman of Child and Family Development

William Kurtz, Associate Professor of Forestry

Stephen Matthews, Assistant Professor of Agricultural Engineering

Keith Pierce, Assistant Professor of Mathematics

Devere Whitesell, Assistant Professor of Social Work

C. Edwin Vaughn, Associate Professor of Sociology

Joseph Thorpe, Professor of Psychology
Margaret Jackson, Instructor of Pathology

Rex Waid, Professor of Electrical Engineering

Mary Patrick, Student
Cela McKee, Student
Kurt Jaeger, Student
Steve Musgrave, Student
Greg Welch, Student
(One student to be added)

Committee on Student Organizations, Governments and Activities

(A standing committee with responsibility to make recommendations concerning recognition and activities of student government associations, fraternities, sororities and cooperatives as prescribed in Academic Regulations, Article XI, Section 6, dated March 7, 1977.)

Margaret Flynn, Professor of Human Nutrition, Foods and Food Systems Management, **Co-chair**

Chuck Treasure, Student, **Co-chair**
Marilyn Maddux, Associate Professor of Social Work

Anthony Dean, Associate Professor of Chemistry

Richard Warder, Professor of Mechanical and Aerospace Engineering

Guy Conway, Student Activities Advisor, Center for Student Life (ex-officio, non-voting)

Pat Higgins, Administrative Associate, Business Operations Office (ex-officio, non-voting)

Fred Curtis, Financial Advisor, Student Organizations, (ex-officio, non-voting)
Tim Kaine, Student

Jann Carl, Student
Austin Ruse, Student
Mary Patrick, Student
Neal Perlmutter, Student

Student Publications Committee

(A standing committee to recommend policy and regulations regarding student publications, excluding the Maneater and those sponsored by divisional deans.)

Robert Haverfield, Professor of Journalism, **Chair**

Robert Combs, Associate Professor of Electrical Engineering

Robert Reys, Professor of Mathematics Education

James Gibson, Professor of Speech and Dramatic Arts

Lorraine Hilgedick, Assistant Professor of Practical Arts and Vocational-Technical Education

Richard Bienvenu, Associate Professor of History

Larry Clark, Assistant Provost for Academic Affairs (ex-officio, non-voting)

Julie Stewart, Student
Liz Sadd, Student

Denise Clark, Student
Austin Ruse, Student

Gary Mitchner, Student

Committee on Student Financial Aids

(A standing committee to make policy recommendations with regard to all aspects of the UMC student financial aids program. This committee will also assist the Financial Aids Office in keeping students and faculty aware of financial aid opportunities, including current operations and procedures. Finally, this committee will assist in the development of any special programming, such as the financial counseling program, and make recommendations for the assessment and direction of such programs.)

Ernest Kung, Professor of Atmospheric Science, **Chair**

Leonard Forte, Associate Professor of Pharmacology

George Garner, Professor of Biochemistry

Richard Hills, Professor of Music

Raymond Lansford, Professor of Finance

Gary Smith, Director, Admissions and Registrar (ex-officio, non-voting)

George Brooks, Director, Student Financial Aids (ex-officio, non-voting)

Peggy Probst, Student
Erin O'Flaherty, Student

Joe Ditta, Student
(One student to be added)

Veterans' Services Committee

(A standing committee to recommend the special services that should be provided for veterans of military services, students planning to enter military services and others entitled to educational benefits similar to veterans' benefits.)

Harry Berrier, Associate Professor of Veterinary Pathology, **Chair**

Louanna Furbee-Losee, Assistant Professor of Anthropology

John Whipple, Instructor of Extension Education

Robert Hershberger, Associate Professor of Finance

Robert Hall, Assistant Professor of Entomology

Margy Harris, Student Services Advisor, Center for Student Life

James Johnson, Assistant Registrar (ex-officio, non-voting)

(Four students to be added)

Campus Planning and Development Committee

(A standing committee to study the long-range development of the physical facilities of the campus and to make recommendations with respect to facilities needed, location of structure, acquisition of property, additions and renovation, arrangement and integration of facilities, including the regulation of traffic flow and parking on and around the campus. This includes planning in the area of staff and faculty parking, as well as regulation of student cars.)

- George Preckshot, Professor of Chemical Engineering, **Chair**
 Guy Schupp, Associate Professor of Physics
 Aimee Moore, Professor of Food Systems Management
 Donald Hegwood, Professor and Chairman of Horticulture
 Sue Richardson, Secretary, Food Science and Nutrition
 Sue Pendell, Assistant Professor of Speech and Dramatic Arts
 James Beckett, Assistant Director, Physical Plant
 Don Graham, Associate Director of Housing
 William Riley, Director, Center for Student Life, (ex-officio, non-voting)
 Ron Mason, Chief, University Police (ex-officio, non-voting)
 Kee Groshong, Fiscal Business Operations Officer (ex-officio, non-voting)
 Jim Ogle, Student
 Colleen Dalton, Student
 John Gilstrap, Student

Traffic Appeals Board

(A board to hear appeals of traffic violation charges by the Director of Traffic Control [University Police] or by a person charged with a violation.)

- Ralph Skelly, Associate Professor of Accountancy, **Chair**
 Michael Nolan, Associate Professor of Rural Sociology
 Kenneth Schneeberger, Professor of Agricultural Economics
 G. P. Redei, Professor of Agronomy
 Robert Hurst, Associate Professor of Physics
 William McMahill, Coordinator of Engineering Extension
 Freda McKee, Computer Terminal Operator, Informational Science
 Dennis Ettmueller, Manager of Safety and Security, Hospital
 Russell Still, Coordinator of Student Services, Center for Student Life
 Paul Levingston, Coordinator of Student Services, Center for Student Life
 Lee Kline, Student
 Doug Krofft, Student
 Dave Spence, Student
 Randy Anglen, Student

II. Special Councils, Boards and Committees.

By designation of the chancellor, these boards serve as special and ad hoc councils, boards or committees to advise and assist the chancellor in matters that relate directly to the Office of the Chancellor.

Maneater Advisory Board

(A board to recommend policies and regulations regarding the publication of the Maneater.)

- Robert Glenn, Assistant Professor of Speech and Dramatic Arts, **Chair**
 Rod Gelatt, Assistant Professor of Journalism
 Patrick Peritore, Assistant Professor of Political Science
 Donald Hoehle, Fiscal Business Operations Officer
 William Riley, Director, Center for Student Life (ex-officio, non-voting)
 Suzanne Trautman, Student

- C.R. Miller, Student
 Mary McAleer, Student
 Kay Taggart, Student

Intercollegiate Athletics Committee

(This faculty-alumni-student committee is the governing body for the Department of Intercollegiate Athletics of which the Director is the executive officer to carry out the policies of the committee. It represents the University in the deliberations and decisions of the Big Eight Conference and the NCAA and is responsible directly to the Office of the Chancellor. In the By-Laws, its status differs from that of the regular faculty-student committees.)

- Fred Spiegel, Professor of Political Science, **Chair**
 Bill Cocos Jr., Alumnus
 Veralee Hardin, Professor of Special Education
 Dave Hart, Director, Intercollegiate Athletics
 Kenneth Keown, Professor of Anesthesiology
 Bill Kircher, Alumnus
 Henry Lowe, Professor of Law
 Bea Litherland, Dean of College of Home Economics
 Jack Morgan, Assistant Dean and Professor of Mechanical and Aerospace Engineering (ex-officio, non-voting)
 William Nowell, Alumnus
 Frank Quattrocchi, Associate Provost for Administration (ex-officio, non-voting)
 Barbara Uehling, Chancellor (ex-officio, non-voting)
 James Wyche, Assistant Professor of Biochemistry, Biological Science
 Linda Kaufman, Student
 Doug Liljegren, Student

Operations Committee of Schools and Colleges

(This committee considers items of mutual concern and interest to the various divisions.)

- Gary Smith, Director of Admissions and Registrar, **Chair**
 Luverne Walton, Assistant Provost for Academic Affairs
 Veta Adams, Assistant to Dean, College of Home Economics
 Maydell Senn, Administrative Assistant, School of Library and Informational Science
 Irma Fleeman, Assistant Dean, School of Nursing
 Kenneth Niemeyer, Assistant Dean, College of Veterinary Medicine
 Wilbur Miller, Associate Dean, College of Education
 Larry Clark, Assistant Provost for Academic Affairs
 Donald Duncan, Director, Forestry, Fisheries and Wildlife
 Kenneth Dean, Assistant Dean, Law School
 Donald Marshall, Assistant Dean, College of Business and Public Administration
 Kenneth Larson, Associate Dean, College of Agriculture
 Frank Quattrocchi, Associate Provost for Administration

- Donald Cordes, Associate Dean, School of Medicine
 Milton Gross, Associate Dean, School of Journalism
 Thomas Harris, Associate Dean, College of Arts and Science
 William Riley, Director, Center for Student Life
 Andrew Minor, Associate Dean, Graduate School
 Jack Morgan, Assistant Dean, College of Engineering
 Glenn Gillespie, Assistant Dean, College of Public and Community Services
 Charles Campbell, Assistant to the Dean, Extension Division

Committee for the Hearnes Multipurpose Building

(A committee to recommend policies re-

garding use of the building and to hear appeals of decisions made by the Director in the implementation of the governing policies.)

- Paul Braisted, Professor of Mechanical and Aerospace Engineering, **Chair**
 Bruce Biddle, Professor of Sociology and Psychology
 Frank Mitchell, Associate Professor of Surgery
 Allen Hahn, Professor of Veterinary Medicine and Surgery
 Carl Poehlman, Director, Extension Teaching
 Jim Reid, Director, Agricultural Business Affairs
 A.C. Stotler, Director, the Hearnes Multipurpose Building (ex-officio, non-voting)
 Dave Hart, Director, Intercollegiate Athletics (ex-officio, non-voting)
 Walter Wilkening, Director, Conferences and Short Courses (ex-officio, non-voting)
 James Irvin, Interim Vice Chancellor for Student Affairs (ex-officio, non-voting)
 Hap Whitney, Special Services Director, Intercollegiate Athletics (ex-officio, non-voting)
 Doris Littrell, Student
 Pat McKinsey, Student
 Andy Giesse, Student
 Jane Maune, Student

Student Fees

Capital Improvements Committee

(A committee to recommend allocation of the funds generated by the Capital Improvements portion of the student activities fee.)

- Hank Plain, Student, **Chair**
 Ronald Havard, Assistant Professor of Recreation and Park Administration
 Raymond Schroeder, Professor of Horticulture
 Ralph Stewart, Professor of Physical Education
 Robert Callis, Professor of Counseling and Personnel Services
 Weldon Durham, Director, University Theatre
 Brian Carr, Associate Professor of Social Work
 Patricia Hilderbrand, Assistant Professor of Housing and Interior Design
 James Oglesby, Assistant Provost for Administration (ex-officio, non-voting)
 Larry Edwards, Supervisor of Engineering Services, Physical Plant (ex-officio, non-voting)
 M. Marjorie Meredith, Assistant Professor of Health and Physical Education
 Colleen Dalton, Student
 Steve Mitchell, Student
 Rose Fender, Student
 Dave Benage, Student
 Jim Klarsch, Student
 Susan Rotman, Student
 Mark Gill, Student
 Renard Gray, Student
 Jeannette Canney, Student

Brewer-Rothwell Policy Committee

(A committee to recommend policies regarding building use and to hear appeals from groups whose requests for special use of the building have been denied.)

- Tim O'Leary, Student, **Chair**
 Robert Schooler, Professor of Marketing
 Laverne Wade, Instructor of Health and Physical Education
 J.J. Marks, Professor of Agriculture
 Editor Office
 W. Brian DeFazio, Associate Professor of Physics
 Ralph Stewart, Professor of Health and Physical Education and Director, Brewer-Rothwell
 Clarence Wine, Assistant Director, Center for Student Life
 Diane McFerrin, Student
 Joe Bartmess, Student
 Anne Kerta, Student

Safety Committee

(A committee to recommend policies promoting the elimination of campus hazards to safety and to search out and identify cases of such hazards which require action. The committee shall also be responsible for developing a plan for assuming prompt and effective disaster relief.)

- James Tudor, Professor of Electrical Engineering, **Chair**
 W.B. Stewart, Professor of Pathology
 David Baker, Assistant Professor of Agricultural Engineering Extension
 Philip Lee, Director of Health Physics Services
 Marilyn Sanford, Instructor of Physical Therapy
 James Oglesby, Assistant Provost for Administration
 Roy Bradfield, Coordinator of Facilities Analysis
 Louis Holroyd, Associate Coordinator of Safety and Risk Management (ex-officio, non-voting)
 William Westhoff, Coordinator of Fire Education (ex-officio, non-voting)
 Jack Horn, Interim Director of University Hospital (ex-officio, non-voting)
 Virginia Crisocine, Student
 Sherie Westberg, Student
 Cheryl McCormick, Student
 C. Phillip Clark, Student

III. Elected Council of the Faculty.

(Elected by the UMC faculty to serve as a representative council on campus policy.)

- Agriculture**
 Robert Bevins
 Victor Dropkin
 Gordon Kimber, **Vice-chair**
 J. Malcolm Asplund
Arts and Science
 Don Bartlett
 William Bondeson
 Sam Brown
 Robert Rowland
 Harold Jones
 Norman Rabjohn
 Eugene Lane
 Roy Utz
Business and Public Administration
 David West, **Chair**
Education
 Warren Seymour
 Robert Callis
Engineering
 James Baldwin
 Truman Storvick
Extension
 Richard Lee
Forestry, Fisheries and Wildlife
 Al McGinnes
Home Economics
 Aimee Moore
Journalism
 Keith Sanders
Law
 William Fisch
Library and Informational Science
 Bert Boyce
Medicine
 William Allen
 Marie Vorbeck
 Clark Watts
 Marvin Zatzman
Nursing
 Gerald Brouder
Public and Community Services
 Marilyn Maddux
Veterinary Medicine
 Charles Middleton

IV. Elected Council of Staff.

(Elected by UMC administrative, service and support staff to serve as an advisory council to the chancellor.)

- Joy Ingersoll
 Jerry Nichols
 Mary Kay Miller
 Patricia Ives
 Alan Jones
 Richard Lewis
 Fannie McBride
 Clifford Manlove
 Garf Thomas
 Charity Flack
 Steve Cox
 Elizabeth Miederhoff
 Keener Tippin
 Brenda Procter
 Kee Groshong



Patricia Ives



Alan Jones



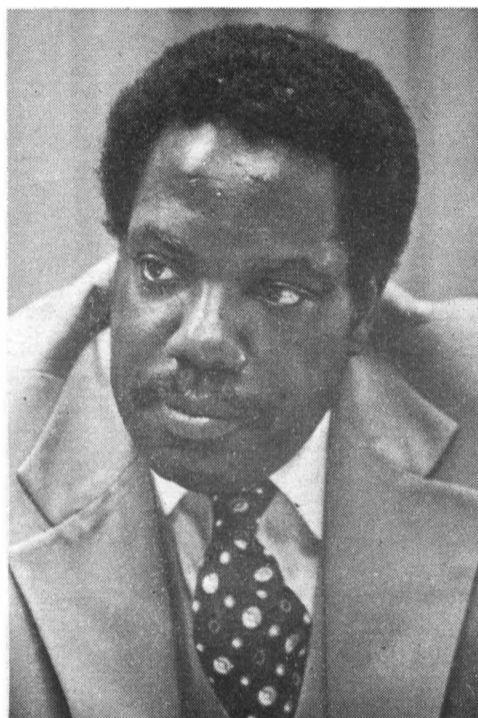
Richard Lewis



Fannie McBride



Libby Miederhoff



Keener Tippin



Brenda Procter



Kee Groshong

has worked for the University 11 years.

"I would like to take this opportunity to thank everyone who voted for me, and I hope the council can suggest ways to increase staff recognition," Manlove said. "I look forward to this first step of staff working with the chancellor and making UMC a better place to work and live."

Garf Thomas, who comes to the staff council as a transition representative from last year's Campus Management Advisory Council (CMAC), says he believes the new council's function is to define issues of interest to staff members across the campus and to project various solutions to those problems. "That's a broad role, but that's how I see it," he said.

Some of the council's concerns might include some of those CMAC discussed last year, Thomas said, including staff involvement on campus-wide committees, fringe benefit packages, staff concerns about career ladders, determining the staff's role in the institution and their rewards in that role.

Thomas has worked for the University since 1965, most of that time as director of the Medical Center's pharmaceutical services. In June 1977 he moved into his current position as assistant director of the UMC hospital and clinics.

Charity Flack hopes the employee staff advisory council gets "more people involved in the business of the campus." Citing the less than 20 percent response to balloting for the organization, she says,

"I'd like to see a little more interest."

She feels that the chancellor's action is a "step toward operation of the Columbia campus with the general cooperation of students, faculty and staff" and looks forward to the involvement of nonacademic personnel in the decision-making process.

Ms. Flack, who has been employed as an administrative associate in the psychology department for five years, assists its chairman in all aspects of the department's operation.

Steve Cox is an electronics technician in biological sciences who has worked nine months for the University.

He related that he is looking forward to serving on the staff council, but wants to see what the first meeting brings before discussing any issues.

"One thing the staff council can do," Cox says, "is provide information to the chancellor on the way University funds are spent. I don't mean how funds are allocated to staff, but rather how observations by the staff can stretch University money further. Staff can provide valuable input in this area, since we see facets of the University that faculty and students don't see."

Elizabeth Miederhoff, as assistant manager of accounting services, directs the office's daily operation. She supervises 16 accountants, fiscal assistants, clerks and secretaries.

The staff council member feels the new

group should address itself to issues of importance for all employees. "Anyone who has a concern should feel free to contact anyone on the council," she says. But if it's a complaint by one person about a particular office, such matters would better be handled by the administrator concerned.

Many UMC employees have voiced their opinions to Miederhoff since learning of her appointment to the advisory body. Some of their concerns, she says, are the same ones dealt with by CMAC (Campus Management Advisory Council). "People feel CMAC did make some progress." But they would like more attention paid to staff benefits, she says — insurance coverage and personal leave policies, for example.

Keener Tippin, who is assistant director of admissions in Jesse Hall, has worked for UMC 8 years.

Tippin's work takes him to Missouri high schools and community colleges, where he makes the initial contact with students concerning UMC. He also is director of the START program.

He says that he would rather not discuss issues concerning the council until they meet with the chancellor. "I am sure she will outline our area of work, and once we know the ball game, we can make some statements," Tippin says.

"I do feel, though, that when staff members begin to contact us with their thoughts, ideas and suggestions, we will work to make life more pleasant at UMC," he said.

Brenda Procter, a secretary in the independent study office, summed up her expectations of the council's role by saying the group needs to learn "what staff want and what administrators expect and then go from there." Finding out what staff members want is especially important, she said. "I hope there'll be some way to do that."

Procter will have worked for the University three years in January.

Kee Groshong has been involved with University accounting operations for 13 years — first in the central administration's accounting department, later as the manager of Columbia campus' accounting services and, currently, as assistant business operations officer.

He describes his role as advisory council member as an information-gathering one. "In some cases I'll have to seek out opinions," he says, "and I hope to receive input from various areas on campus as well."

Groshong looks forward to hearing what the chancellor has in mind for the council, he says, "to see what meaningful contribution I can make."

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.

Art apprentices create scene for sore eyes

Gray concrete, dim lighting, sterile surroundings — that's what 1,000 students, faculty, staff and visitors see as they pass through the Tucker Hall stairwell each day. But things are changing.

Cooperation between two UMC departments has led to a mural that brightens the stairwell which is used as an informal lounge by students.

The artistic effort culminates a seven-year campaign by Abraham Eisenstark, chairman of the UMC Division of Biological Sciences, which is housed in the building. Eisenstark calls the project a metamorphosis from what he describes as "neo-Leavenworth architecture" to an inspiring example of fine art.

Designed to cover the walls of the entrance lobby plus three flights of stair landings, the Tucker Hall mural integrates science, the humanities and art in an abstract form. Through its theme, "Evolution," the mural illustrates the range and complexity of biological studies from the modes of reductionism (focusing on small details) to synthesis (integrating the details into a meaningful whole). Part of the mural suggests creation of the solar system while another segment shows Venus rising from the seas as a symbol of the earliest forms of life which developed there.

Mural designer Tracy Montminy, who teaches an experimental media class as an apprenticeship in mural painting, expects the work to be finished in about two years. She hopes to complete one mural segment per semester so several classes can participate. Montminy chose an abstract form and simple design so that individual painting styles do not affect the mural's appearance.

A veteran muralist, Montminy worked with the Works Progress Administration

and the Treasury Department during the Depression on five projects for post offices and city halls. She gained the attention of Congress when a resolution to remove one of her murals was approved. The beach scene Montminy painted in the Kennebunkport, Maine, post office was three years old before summer visitors objected to its subject matter. They thought the mural was not elegant enough and wanted a historical portrayal of the town.

Montminy says the resurgence of in-

terest in mural painting began with city-dwellers' desires to beautify the exterior of their buildings. Painters have inspired each other, making it a national movement, she says. "There are numerous competitions for mural painters at present, giving them more frequent opportunities to compete for mural space."

At UMC, cooperation between the biology and art departments was aided by a \$12,926 grant from the UMC Develop-

ment Fund. An accumulation of private donations, the fund traditionally supports projects which cannot be financed through tax dollars.

Montminy, who has taught at UMC since 1948, received a bachelors degree with honors in fine arts from Radcliffe College. She graduated from the New York Art Students League in 1935, held a visiting lectureship to the American University of Beirut in 1963-64 and received the Guggenheim Fellowship in painting in 1940.



This segment of Tracy Montminy's Tucker Hall stairwell design appeared in a recent muralists' exhibit at the UMC fine arts gallery.

Welcome

James A. Garro, animal caretaker, veterinary medicine; **Theopolus Plam**, food service worker I, memorial union; **Kevin Overfelt**, dairy worker, dairy husbandry; **Wayne L. Gladney**, food service worker II, memorial union; **Diana M. Glover**, accounting clerk, purchasing; **Everett D. Hughes**, food service worker I, dormitories; **Deborah Sue Via**, clerk II, education.

Randolph H. Smith, janitor, physical plant; **Janie E. Thomas**, accountant, provost for administration; **Barbara E. Ault**, library clerk II, library; **Robert Wylie**, janitor, physical plant; **David H. Thompson**, senior research laboratory technician, biochemistry; **Melinda Beauchamp**, secretary-stenographer, education; **Joan Johanningmeier**, secretary, engineering.

Sheila Cope, clerk typist II, extension division; **Mary Kay Rust**, secretary, veterinary medicine; **Jeffrey A. Johnson**, research laboratory technician, agriculture; **Willie Dale Lewis**, food service worker I, dormitories; **Michael Williams**, food service worker I, dormitories; **Robin L. Vaughan**, janitor, physical plant; **John B. Beauchamp**, janitor, physical plant; **Gordon Swan**, janitor, physical plant.

Ronnie Griffiths, janitor, physical plant; **Ruth Ann Behlmann**, quotation clerk, purchasing; **Alfred Lehmann**, electrician, physical plant; **Inetha Wilkens**, senior accounting clerk, fiscal operations office; **Diane Elizabeth Coffman**, clerk typist II, mathematics; **Rita Biscanin**, secretary, psychology; **Kimberly June Jag**, senior clerk typist, veterinary medicine; **Maura Cornman**, associate museum curator, museum; **Joyce Price**, senior stenographer, extension division.

Richard Jannaccio, senior research laboratory technician, Dalton Research Center; **Richard Erwin**, senior fiscal analyst, program development and

resource management; **LuAnna Ruth Berck**, clerk typist, alumni and development fund management systems; **Russell E. Derleth**, electrician, physical plant; **Chester Arthur Trotter**, exterminator I, physical plant; **Orval Franklin Eatherton Jr.**, watchman, physical plant.

Teretha Rose Gay, library clerk II, library; **Victoria Irene Young**, library clerk III, library; **Cheryl M. Hager**, secretary-stenographer, college of public and community services; **Joseph M. Warner**, food service worker I, memorial union; **J. Norris Waite**, research specialist, poultry nutrition; **Jerilyn Kay Tumulty**, laboratory storekeeper, agriculture.

Lance E. Northup, janitor, physical plant; **Billy Day**, janitor, physical plant; **Jerome Williams**, janitor, physical plant; **James A. Akers**, janitor, Hearnese Multipurpose Building; **Barbara Renells**, senior stenographer, academic affairs; **William C. Fields Jr.**, golf course attendant I, business operations; **Elaine Sybil Reber**, computer service supervisor, agriculture; **Ella M. Gibson**, food service worker II, memorial union.

Jane Marie Bevans, senior stenographer, romance languages; **Beth J. France**, food service supervisor II, memorial union; **Bruce E. Rosenquist**, food service worker I, dormitories; **Jerry L. Curtis**, food service worker I, dormitories; **Valerie J. Goodin**, secretary-stenographer, extension division; **Charlene Denise Gorham**, animal caretaker, veterinary medicine; **Elroy F. Thompson**, food service worker I, memorial union.

Frances E. St. Clair, clerk typist II, dormitories; **William R. Graf**, food service worker IV, memorial union; **Dennis Smith**, janitor, physical plant; **James Small**, janitor, physical plant; **Gerald Furlong**, janitor, physical plant; **Martin**

Edmiston, janitor, physical plant; **Howard McPherson**, janitor, physical plant; **Donald Bush**, janitor, physical plant.

Willie L. McTye, janitor, physical plant; **James R. Windsor**, janitor, physical plant; **Laura Arnold**, clerk typist II, school of business; **Kathleen Marie Parton**, secretary, television station; **Rose Etta Heath**, janitor, physical plant; **Michael Asbury**, janitor, dormitories.

Kimberly Blake, staff nurse, nursing; **Denise Fehrmann**, cashier, business office; **Helen Jankowski**, graduate nurse, nursing; **Wilma Hicks**, food service attendant I, nutrition and dietetics; **Colleen Biven**, senior licensed practical nurse, nursing; **Marcia Kruse**, head nurse, nursing; **Kathleen Enke**, graduate nurse, nursing; **Sarah Coffelt**, graduate practical nurse, nursing.

Patricia Ann Bryan, clerk typist II, veterinary medicine; **Vicky Waters**, clerk typist, alumni and development; **Dorothy Stuart**, clerk typist II, registrar and admissions; **Jill Gruenkemeyer**, research laboratory technician, biological sciences; **Margie Mae Miller**, senior stenographer, geology; **Lisa Gail Holtkamp**, clerk typist, arts and science; **Patricia L. Acton**, secretary-stenographer, sociology.

Janice Allen, stenographer, sociology;

Nancy Elaine Chrisman, clerk typist, college of public and community service; **Elizabeth Luttrell**, secretary-stenographer, education; **Russell Lee Gowin**, laboratory mechanic, agriculture; **Bonita M. Logan**, clerk typist II, education; **Marsha Cline**, senior secretary, computing activities; **Joan Adams**, secretary-stenographer, research reactor.

David Patterson, laboratory assistant, research reactor; **Robert Jordan**, laboratory assistant, research reactor; **Linda Anderson**, keypunch operator, computing activities; **Catherine Bess Linnen**, secretary, mechanical and aerospace engineering; **Ann Marie Papick-McGarry**, secretary, education; **Wilfrid Akiyama**, library assistant I, education; **Gayla Marie Neumeyer**, technical writer, engineering experiment station.

Robert Graves, food service worker I, dormitories; **Julie C. Lake**, cashier, memorial union; **Debra S. Wisley**, secretary, child and family development; **Ruby L. Brown**, food service worker II, dormitories; **Frances E. Brunk**, clerk typist II, veterinary medicine; **Patricia H. Epps**, secretary, extension; **Virginia Ann Burr**, clerk II, registrar and admissions.

Energy Conservation Box Score

This first-in-a-series of UMC energy conservation progress reports provided by the Physical Plant recaps July through October's power usages.

	July-October '77	July-October '78	
Electricity usage in kilowatt hours	41,844,700	38,912,100	Down 7%
Steam usage in pounds	360,310,000	286,796,660	Down 20%

Service Awards



Frances Logan
food service supr.
dormitories
15 years

Jean Overholser
secretary-steno
Mo. kidney program
15 years

Joanne Gregory
admin. assistant
office of research
10 years



Clarence Skinner
sr. systems analyst
administrative aff.
10 years



Mary Hawkins
food service worker II
dormitories
10 years



Eloise Hill
sr. acctg. clerk
business management
10 years

Food worker finds niche at UMC



Mary Parman

Mary Parman is one of those dependable forces that help keep the lines moving for about 1,800 eaters daily at memorial Union Cafeteria.

"I do everything," she says, "but nothing definitely." Her responsibility as a line supervisor is mainly to "keep the wheels rolling," and she does whatever is necessary to do that.

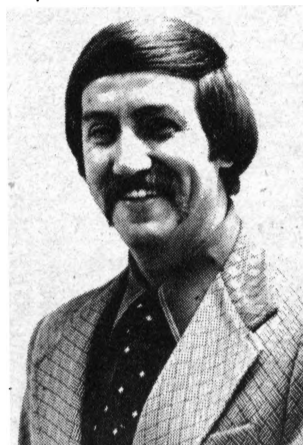
It is a job she is well suited for — only the third job she has held in her life, and the first two were as waitresses. She has held this position for 15 years.

When Mrs. Parman says she likes her job, one has no choice but to believe her. It is one reason she let her carpenter husband move to a farm at Pittsburgh in southwest Missouri, while she stayed in

Columbia. "I'm very happy here," she says. Besides, "at my age, it would be hard to start over and find another job somewhere else." The couple sees each other on weekends. Meanwhile, Mrs. Parman has four daughters all living in Columbia to keep her company.

Her day in the cafeteria begins at 6 a.m. and extends through breakfast and lunch. Both meals have developed a regular group of patrons. "You feel like you're in a different place from one meal to the next," she says.

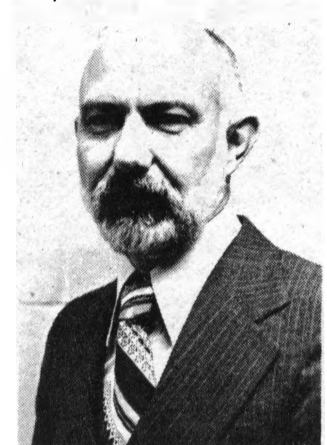
After a while, however, the faces become familiar, even though the names may not. "I can't remember anyone's name, but if you tell me something about yourself, I'll never forget it."



William Sheets
computer programmer
administrative aff.
10 years



Carol Baker
sr. admin. assistant
president's office
15 years



John Martin
coordinator
coop. extension serv.
20 years



Frances Swanson
staff benefits spec.
administrative aff.
10 years



Hazel Walker
food service worker III
dormitories
15 years



Joseph Absheer
research chemist
agriculture
10 years

Employees recognized for their five years of service this fall include:

Columbia campus: **Donald Lee Ford**, janitor, physical plant; **Lynn V. Chandler**, radio dispatcher, physical plant; **Elizabeth M. Hollis**, research laboratory technician, biological science; **Ralph Andrew Stumpp Jr.**, assistant to provost, health affairs; **Terry Lee Smith**, purchasing, stores clerk; **Marilyn F. Hasselriis**, senior academic advisor, business and public administration; **Charles Jorgenson**, graphic artist, Dalton Research Center.

Russell G. Ellison, maintenance work coordinator, physical plant; **William E. Calvert**, equipment attendant, education; **Johnny Johnson**, mover, physical plant; **Terry Rex Gilmore**, power plant trainee

II, physical plant; **William Edward Wood**, janitor, physical plant; **Ruby Virginia Hatton**, janitor, physical plant; **Alfred Lee Decker**, research specialist, animal husbandry.

Anna May McPherson, senior secretary, graduate school; **Joyce Earlene Jackson**, janitor, dormitories; **Deborah Marie Williams**, senior secretary, regional and community affairs.

University-wide: **Larry Sehon Williams**, assistant pressman, office of business management; **Anna Marie Rybolt**, addressograph operator II, office of business management; **Melva Jo Bell**, senior secretary, administrative affairs; **Karen Maree Kemper**, secretary, administrative affairs; **Juanita Vance**, clerk-typist, cooperative extension service.

Promotions

Columbia Campus: **Linda Ruth Benway**, from food service attendant I to senior food service attendant; **Susan Jane Billiard**, from staff nurse to staff development coordinator; **Susan Bolinski**, from stenographer to secretary-stenographer; **Pearl Louise Crawford**, from janitor to lead janitor; **Lewis K. Davison**, from computer programmer analyst II to senior systems analyst; **Alma F. Hyrb**, from senior stenographer to secretary; **Lori Suzanne Hunt**, from receptionist to senior stenographer.

David R. Jordan, from food service worker I to food service worker II; **Carla Diane Krause**, from secretary-stenographer to secretary; **Carl Edward Neef**, from groundsman to groundsman II; **Richard**

A. Pinnell, from janitor to window/wall washer; **Larry Dewayne Pugh**, from janitor to lead janitor; **Marilyn K. Reynolds**, from personnel associate to volunteer services coordinator; **Roberta June Stuerke**, from library clerk II to library assistant I.

Lois Mae Vollrath, from clerk-typist to senior stenographer; **Jeanne Catherine Wolters**, from research laboratory technician to senior research laboratory technician; **Sharon G. Yancey**, from secretary to research laboratory technician.

University-wide: **John Richard Berstler**, from reactor operator trainee II to reactor operator; **Deborah Jo Fischgrabe**, from secretary-stenographer to senior secretary; **Karen Sue Sapp**, from computer op-

erator to senior computer operator; **Stanley Ray White**, from central facility computer operator to central facility senior computer operator; **Larry Sehon Williams**, from assistant pressman to pressman.

Patty Bryum, from secretary-stenographer to senior stenographer.

Mary Jane Deline, from clerk typist II to senior clerk typist; **Shelda Lynne Eggers**, from clerk typist II to secretary-stenographer; **Robert Dale Eubanks**, from food service worker II to food service worker III; **Brian D. Faison**, from alumni center assistant director to assistant manager of public relations for intercollegiate athletics; **Sharon Lynn Headrick**, from clerk to clerk II;

Catherine B. McNeill, from nursing technician to graduate practical nurse; **Barbara Sue Moore**, from food service worker III to food service worker IV.

Larry Dean Morgan, from clerk to senior clerk; **Dianne Helen Porter**, from secretary-stenographer to secretary; **Mary Frances Potter**, from administrative secretary to administrative associate I; **Linda K. Roberts**, from clerk typist II to senior clerk typist; **Sandra Lee Sartain**, from medical records coder to senior clerk; **William Nevin Simonds**, from nursing attendant to nursing technician; **Jimmy Lee Williams**, from systems analyst to computer programmer analyst II; **Sylvia A. Williamson**, from secretary to senior secretary.

Announcements

Staff holidays

University staff are reminded of the five-day holiday weekend this year, including days off, Friday, Dec. 22 and Monday, Dec. 26.

The following week, New Year's Day, Monday, Jan. 1 also will be a university holiday.

United Way



As of Friday, Dec. 1, divisions had raised a total of \$48,822 toward the 1978-79 goal of \$99,500. Contributions for the four divisions were campus, \$21,408, or 34 percent of their goal of \$62,000; Medical Center, \$11,215, or 56 percent toward their goal of \$20,000; University-wide, \$8,525, or 96 percent toward their goal of \$8,900; and retired individuals, \$7,765 or 89 percent toward their goal of \$8,600.

United Way contributors from Ellis Library, one of 25 divisions, have reached their 1978 goal and exceeded it by 3.2%, says library director John Gribbin.

Central administration staff and retirees also are nearing their respective goals, UMC community United Way campaign chairman Robert Kren says.

Contributions totalling approximately 49% of UMC's overall goal, \$99,500.00, have been received to date.

Medical benefits

Employees enrolled in the medical benefits program's \$200 deductible plan who wish to change to the \$50 deductible program will be allowed to make such a change in December, says Staff Benefits Supervisor Leroy Sharp. Necessary forms may be picked up at the office, 307 Hitt Street, and are due on or before Dec. 31. Sharp encourages completing applications by Friday, Dec. 29.

Christmas trees

The traditional lighted tree in Jesse Hall's foyer will be in its place approximately two weeks before Christmas, says physical plant director Rex Dillow.

Persons planning to decorate their individual offices and departments should keep in mind the following, says safety representative Dave Keller:

1) Choose evergreen, fir, spruce or pine boughs and trees. Cedar dries out too rapidly.

2) After purchase, keep the tree in water and out of doors until inspection by the physical plant.

3) To have your tree inspected, take it to the east side of the General Services Building between 9 a.m. and 3:30 p.m. Monday through Thursday until Dec. 14. Artificial trees will be sprayed with a flame-retardant material, and all trees will be tagged to indicate to custodial employees that inspection has been made.

Christmas tree sale

Missouri-grown Scotch pine trees for trimming and wreaths, boughs, cones, mistletoe and holly for holiday home decorating will be sold from 9 a.m. to 9 p.m. Thursday, Dec. 6 through Sunday, Dec. 10 under the stands on the east side of Memorial Stadium. A UMC forestry club representative says trees will be priced according to their size and quality.



'Adoration of the Shepherds'

"Adoration of the Shepherds," by Christoffel van Sichem I or II (?), appears in An Introduction to the Woodcut of the Seventeenth Century published by UMC professor emeritus Hellmut Lehmann-haupt in 1977. The work, available in Ellis Library, is a comprehensive volume of the contributions to a popular graphic art.

Museum gift ideas

Christmas gift ideas from the UMC Museum of Anthropology in Swallow Hall:

Multi-colored henequin bags from Guatemala are available in several color combinations. They have adjustable straps and cost just \$1. For a more generous gift, the bags could be stuffed with books, stationery supplies or picnic fixings.

Hand-painted wooden boxes, each with its own key, are brightly blazoned with flowers and birds in red and blue on a sunshine yellow background. Several sizes are available in prices ranging from \$3.50 to \$7.50.

From India, a brass turtle trinket box, priced at \$5, is just the thing for keeping rings and things.

The museum is open from 9:30 a.m. to noon and from 1 to 4:30 p.m. Monday through Friday and Saturday mornings from 9 a.m. until noon. Weekdays after Dec. 8, the museum officially will be closed, however, special arrangements may be made by calling 882-3764.

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Staff council seeks nominees and staff input

Non-academic staff still have time to be nominated for search committee positions and to voice their concerns through the Employee's Staff Advisory Council.

A memo sent to full-time non-academic staff before Christmas briefly outlined the first staff council meeting Dec. 8 and invited staff to contact the council on committee positions and to let their voices be heard.

Although the deadline has passed for nominations for the Institutional Futures Committee positions, there still is time for staff to apply for a position on one of the four search committees. Employees should contact any council member to be nominated for one of the following: Search Committee for Provost (one staff and one library staff slot), Search Committee for Vice Chancellor for Student Affairs (two staff slots); Search Committee for Vice Chancellor for Administrative Services (two staff slots) and Search Committee for the Director of Equal Opportunity (three staff slots).

Deadline for nominations to the committees is Jan. 15.

Also at the meeting, staff council members identified six areas of concern to the chancellor: improving staff communications through publications, improving staff/faculty relations, staff

development, staff recognition, salary administration, and a mechanism for selecting next year's council.

In response, the chancellor requested council members receive input from campus staff, and then forward a complete list of concerns to her in priority order. The chancellor stressed that the issues brought to her should be of general concern, since single employee problems would not be of interest to the general campus. But she said that other vehicles would be found to help employees with individual problems. The chancellor also cautioned that "the environment that we are working in is not a bargaining unit."

Staff council members were enthusiastic about the first meeting. "It is important that staff are aware of the opportunity to call any of us about their concerns and to apply for committee positions," said Cliff Manlove, director of business affairs in the College of Arts and Science.

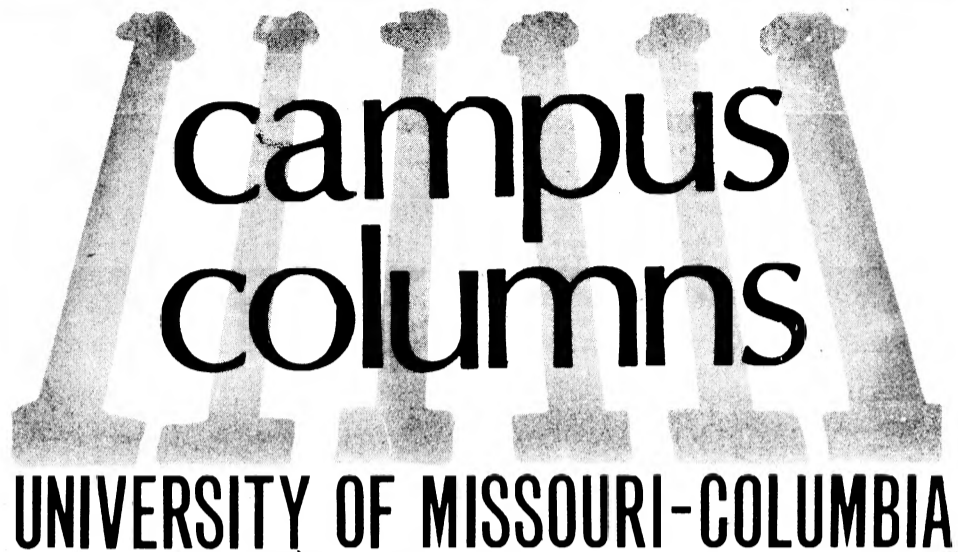
"The meeting was very informal," said Administrative Associate Charity Flack. "I thought people would be inhibited talking to the chancellor, but she made them feel at ease. Everyone spoke out candidly, and the chancellor seemed very interested. It set the tone for a nice relationship that will be helpful to both the staff and the chancellor's office."

Flack said that she hopes staff know that they can call council members on their concerns at any time, not just until Jan. 15. "As long as the council is in existence, listening to staff is one of its functions," she said.

The mailing list used to send out the memo from the staff council was the same

list used for the staff balloting in October, so some staff members may not have received the memo.

If you didn't receive the memo dated Dec. 19 through campus mail, please contact the Office of Public Information, 882-6211, to get a copy and to help the office correct the mailing list.



UMC Equal Opportunity Council members selected

Members of the Equal Opportunity Council were announced Dec. 11 by Chancellor Barbara S. Uehling.

William E. Robertson, associate professor of regional and community affairs, and Margaret Kraeuchi, director of engineering communications, will co-chair the committee.

Other faculty members are Joan Doherty, associate professor of curriculum and instruction; Sandra Gautt, assistant professor of special education; Ernest Morgan, professor of journalism and Robert Tsutakawa, professor of statistics.

Student members are Debra Ellen Bryer, junior in Arts and Science; Sally

Cole, senior in journalism; Emma Rogers, sophomore in Arts and Science and Edward Sargent, sophomore in Arts and Science.

Staff members are Anne Edwards, geology, history and philosophy librarian; Vicky Keith, coordinator of the Women's Center at the Center for Student Life; Melba M. Kelly, secretary in the College of Business and Public Administration; and Wiley Miller, counseling psychologist for Counseling Services.

Uehling's charge to the council challenges it to (1) provide a continuing review of the status of women and minorities on campus; (2) make recom-

mendations to the chancellor concerning the Affirmative Action Plan and the improvement of equity for women and minorities; (3) promote campus-wide support for equal opportunity through internal publications, media conferences, and sponsorship of special events and observances; and (4) provide input to the director of equal opportunity regarding preparation of reports and analysis of women and minority utilization patterns.

The new council is a result of Chancellor Uehling's request to combine the standing committee on Affirmative Action and the Ad Hoc Committee on the Status of Women into a stronger Equal Opportunity Council.

The chancellor has also requested that the Committee for the Physically Handicapped be included in the Equal Opportunity Council for the 1979-80 academic year.

Energy course held winter semester

With energy a crucial issue these days, it's hard to separate facts from speculation and interest group propaganda. Confusion abounds concerning the safety of nuclear power and the most economic energy sources for the future.

An interdisciplinary team-taught course offered under the School of Forestry, Fisheries and Wildlife will be offered winter semester which should shed some light on the subject, so to speak.

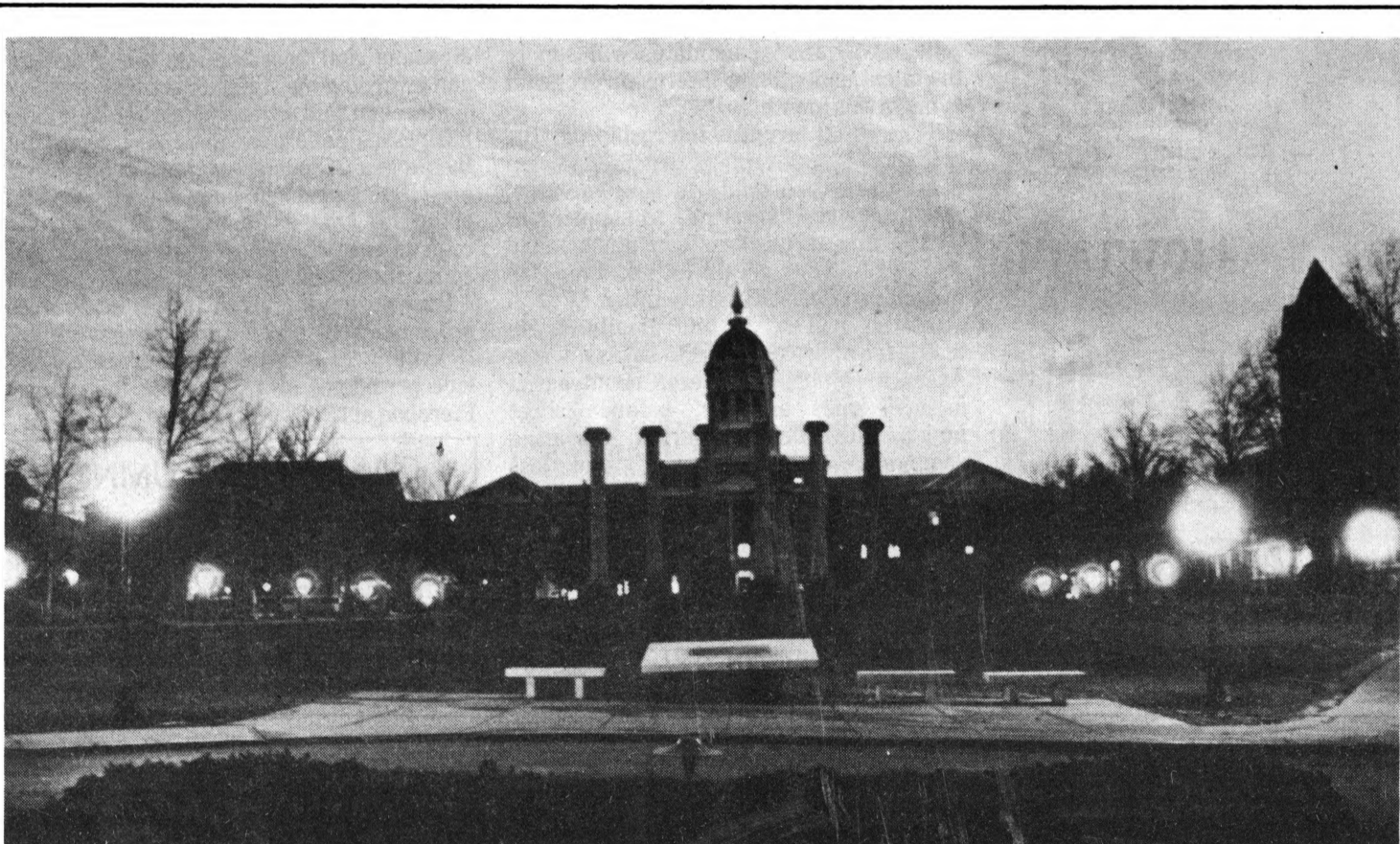
The course, "Perspectives of Energy," is a two-credit-hour course providing an overview of the major energy issues of the day. The course is taught by authorities in the field who can clarify the issues — such as Truman Storvick, professor of chemical engineering, Bill Miller, assistant professor of nuclear engineering, and Harold Breimyer and Ken Schneeberger, professors of agricultural economics.

"Solar energy, for example, is popular now, but will actually play a miniscule part in providing energy in the immediate future," according to Jim Pastoret, associate professor of forestry. "But long-range, it should provide an ever-greater amount." Pastoret says that agriculture and its relationship to energy will be discussed in the course, as well as the broad topic of trends in energy-efficient transportation. Fusion, according to Pastoret, is simply a word now, but may be the way of providing energy of the future.

"The course will place the whole energy situation in perspective for the student," says Pastoret. There are still openings for students, or for employees interested in taking the course under the educational assistance program.

The course, new this semester, is FFW 195, "Perspectives of Energy," offered from 9:30-10:30 a.m. Tuesdays and Thursdays in Room 13 Tucker Hall. There will be one mid-term and one final multiple choice exam.

Registration day is January 12. Persons can contact Jim Pastoret, 882-4227, for more information.



Historic quadrangle receives new lighting

UMC's Francis Quadrangle is much brighter — and safer — since the addition of 16 light standards.

Earlier fixtures were designed for aesthetics rather than for safety. However, student concerns about

safety and security and the important role lighting plays in deterring criminal activity led to a request that the lighting be upgraded.

Installed by Hervy Electric of St. Louis, the new light standards are of a

19th century motif and maintain the architectural integrity of the quadrangle.

Each fixture has energy-efficient 175-watt mercury vapor lights.

Cost of the project was \$17,000.

Crane Operator Bob Southerland

The crane that Bob Southerland operates whirrs, purrs and hums with the soothing sound of well-cared-for machinery.

And Southerland himself sounds good, if you listen to Nelson Bell, foreman of the UMC power plant. He says Crane Operator Southerland is "a real good employee — conscientious, and he takes good care of the machines. He's a fine worker."

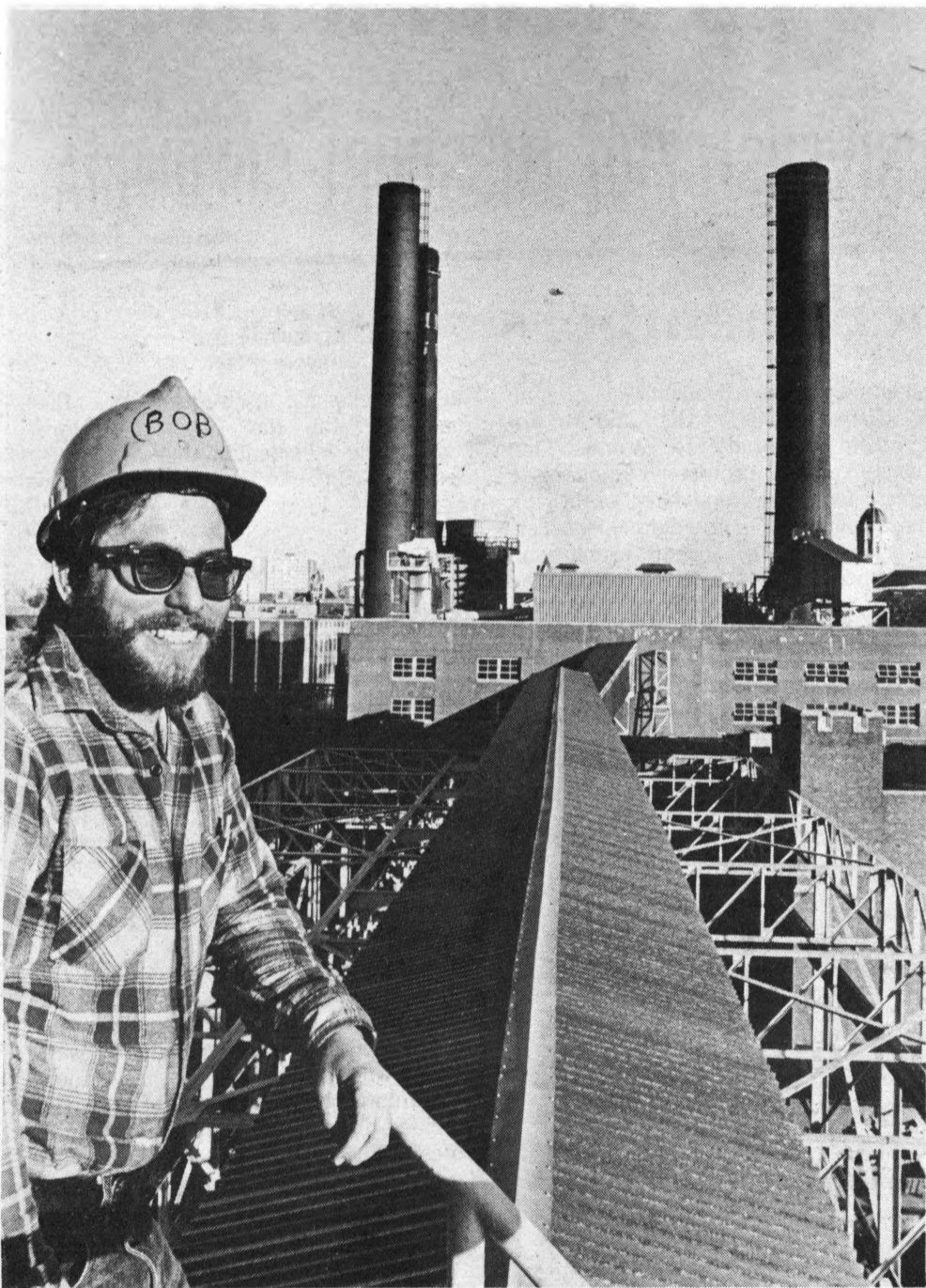
Southerland keeps coal in the yard of the UMC power plant, and is responsible for all the coal handling equipment. Since he has been at his job, there have been few breakdowns. "And when there were breakdowns, it was only after Bob told us that parts were getting worn in those

areas," Bell said.

Southerland is part of a team with Crane Operator Robert Wells, whom he calls "Buddy." Bell says they work together well.

"Those two boys are the best two the power plant has ever had," Bell says. "And they've only been together a year." Not a bad compliment, considering that the power plant has been operating since the 1920s.

Southerland literally has a high administrative post with the University — over 6 stories in the air above the coal stockpile at Stewart and Providence Roads. He explained that the storage bin — the concrete-fenced yard — holds 10,000 tons of coal. Another 10,000 tons is



Bob Southerland

UMC professor and son co-author metric book

A new book on the metric system suitable for individualized or group instruction has been written by a UMC industrial education professor and his son.

Titled "Learning and Teaching the Metric System of Measurement — A Handbook," the volume is the result of two year's labor by Frank King and his son, Forrest, a 1974 graduate of UMC with a B.S. in zoology.

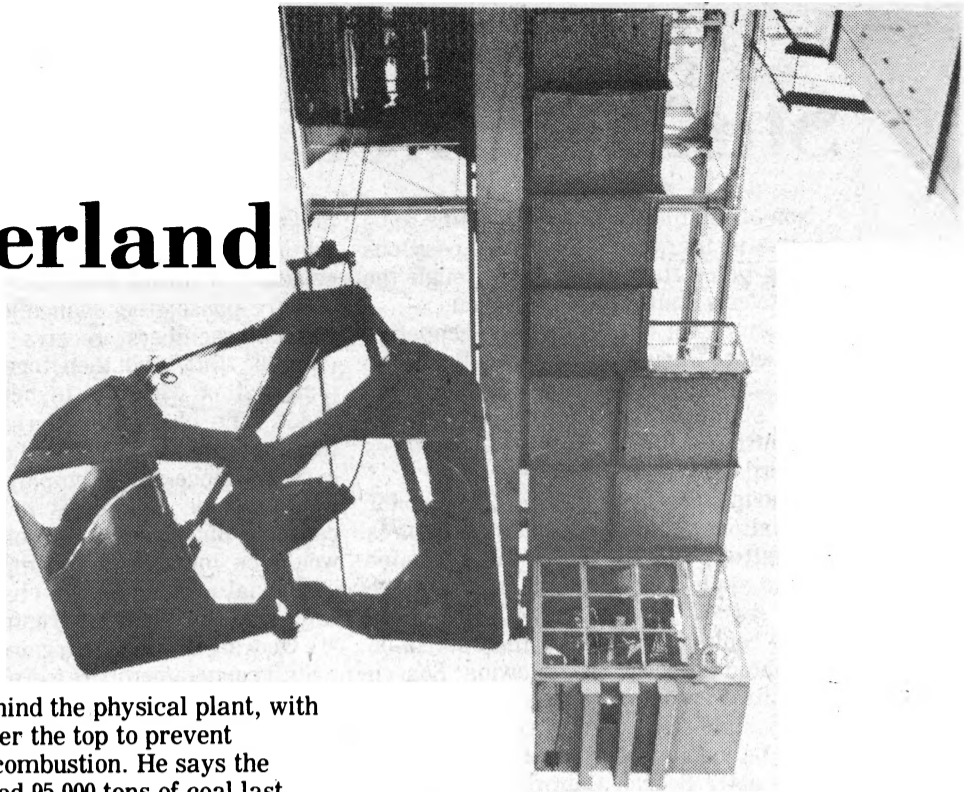
"We became interested in developing a book on the metric system when we were invited to give metric seminars to students in the University School of Nursing," said the elder King. "There was so much interest that we teamed my curriculum ability with my son's metric ability. He's been on the metric system since he was a

sophomore in high school.

"Our approach," he continued, "was to make it a self-instruction book so the reader who knows nothing about metric can learn. The instructional units, activities and references are designed to take people as far into the system as they need to go. We wanted the reader to be able to function at the same level as he does under the present mathematics system."

The book includes a chapter on establishing a metric program in the schools and another chapter on developing a metric program in private industry and business.

Published by Allyn and Bacon of Boston, Mass., the 270-page handbook sells for \$12.



stockpiled behind the physical plant, with tar poured over the top to prevent spontaneous combustion. He says the University used 95,000 tons of coal last year for heating and power generation.

And although Southerland's job may seem idyllic — swaying in the breeze with a bird's eye view of downtown Columbia — it is hard work. About every ten minutes a coal truck arrives from a Route B stockpile with 22 to 24 tons of coal piled on its back. Some of the coal is dumped into a chute, and is transported automatically to the boilers or the stockpile. But the remainder has to be scooped manually, and that can be quite a job.

"Sometimes the wind blows like a hurricane when you are up here above Columbia, with the windchill factor 60 below zero," Southerland says. "And of course, all the chutes and rollers have to be cleaned at night."

It's harder in winter, too, when ice freezes on the tracks of the crane and has to be scraped off by hand, and in the summer, when the dry coal dust rises thick in the air. But Southerland likes his job.

"I'm a farm boy, and I like to see the

sun and feel the coal. When I work inside, I feel boxed up. I've worked for the University all my life — since I was 17, first as a janitor, then at the power plant as a trainee I, a trainee II, water treater and crane operator. I like running the crane the best.

"I like to think I can run the crane better than anybody out here, or at least better than anybody in the past 10 years," he says. "I don't jerk the cables or swing the bucket. If you jerk the cables it's hard on the motors, the crane and the cables. The cables can break easily if you're not careful."

Southerland is justifiably proud of his ability to move coal. "I could probably move more than 400 tons an hour," he says. Watching him at work, he easily keeps up with the endless procession of trucks, sweeping the ground clean of coal debris.

But what is easier to see is that Southerland is a master cranesman. Watch him the next time you stop at the light at Providence and Stewart.

UMC's MBA interns offer talents to mid-Missouri businesses

If Mid-Missouri businesses put in the time, UMC MBA candidates will supply the talent under a new internship program to begin this month.

"The small business internship has the primary purpose of giving MBA candidates the opportunity to gain valuable, practical work experience to supplement their graduate business education," said Jim Pierobon, president of the 200-member student MBA Association.

Interns will work individually or in teams for approximately 10 hours a week. Areas in which the interns could assist include sales analysis, balance sheet audits, advertising, market research, short-range planning, profit and loss analysis and feasibility studies, said Pierobon.

Businesses interested in recruiting the talents of interns would be required to make some time commitment to the students. But close supervision and in-depth training would not be required of the business.

Students participating in the program must be in the last year of their MBA program and have taken — or be taking — a core curriculum of management courses in accounting, finance, statistics, marketing, production and operations.

The program is open to all businesses in the Mid-Missouri area. However, said Pierobon, members of the Columbia Chamber of Commerce have cooperated and assisted in the groundwork for the internship program and will have the first opportunity for internship assignments.

Students will not receive a salary as interns, but academic credit of one to three hours. In addition to their responsibilities to participating businesses, students will be required to prepare a written summary and report on their internship experiences.

UMC faculty will be responsible for directing and coordinating the program and awarding the students grades.

Pierobon said several chamber-member businesses have expressed an interest in the program. Seven students already have enrolled for next semester and Pierobon is optimistic that as many as 12 will have registered by the time the winter semester commences Jan. 15.

Businesses interested in the internship program may receive more information by calling Al Murfin, chamber executive vice president, at 443-8791, or by calling Pierobon at 882-2750 or 874-7844.

CAMPUS COLUMNS

(USPS 711-780)

Campus Columns is published monthly except July and August, and is published twice in September for the information of all University of Missouri employees on the Columbia campus. It is edited under the supervision of the Office of Public Information in cooperation with the Personnel and Business Offices. Contributions and information for this paper should be sent to 329 Jesse Hall.

For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

Editor: Catherine Kernon

The University of Missouri
An Equal Opportunity Institution

Clay is wizard's potion in making petroleum

Clay is used to make pottery, bricks and petroleum.

Petroleum?
Yes.

Just how clay brings about that magical transformation of organic deposits into petroleum is what a team of UMC geologists is set on uncovering.

William Johns, project director and UMC professor of geology, began his elusive geological journey more than a decade ago as a clay specialist at Washington University in St. Louis.

He was intrigued by the natural interaction of clays and organic components in sediments, the latter representing residues of decomposed plants and animals. "I got to thinking . . . what

happens when you take clay or mud, mix it with organic matter, bury it at greater and greater depths, and then heat it up," he said.

"We found that the nature of clay changes. Then we thought, the organic matter must change too. In the lab we took organic matter, isolated it from oxygen, heated it and got hydrocarbons . . . petroleum."

But that created an additional problem. In the lab it was necessary to heat organic matter at 200 to 300 degrees — more than double the temperatures that naturally occur in sediments. "This suggested a catalyst was required to speed up the process," Johns explained. "That suggested clay."

In his laboratory, Johns mixed clay with

inorganic matter, subjected it to various temperatures and began studying the rates of chemical reactions. From his findings, the geologist was able to make predictions which later were verified through deep oil well samples.

As a result, geologists threw out the generally accepted theory that oil would be found always at ever greater depths. "We now know that there are minimum and maximum depths at which petroleum can be found," says Johns. "The deeper one goes, the higher the temperature, so we know that instead of finding petroleum, we may find natural gas."

(Overheating destroys hydrocarbons, converting them into methane gas which eventually is dispersed into surrounding rock and sometimes lost in the at-

mosphere.)

Technology evolving from John's work has a direct bearing on future exploitation of the nation's western oil shale deposits. "Actually, oil doesn't exist in the shale deposits," the geologist corrected. "What you have is organic matter that nature hasn't heated up. It's not buried deep enough. To exploit it, we must do what nature hasn't, that's to take it out of the ground, mix it with clay catalysts and heat it."

Johns says there is plenty of clay available to do the job, though older clays, such as those found in Missouri, are much too old and inactive as catalysts.

"Missouri's claystones went through the diagenetic process 100 to 200 million years ago," explained Johns. (Diagenesis is the process of changing the character of rocks through increased temperatures.) "It has been subjected to high temperatures and has exhausted its oil producing capabilities. Claystones in the Gulf of Mexico, North America's largest oil province, are less than 40 million years old — a short time in geologic history — and haven't been overheated."

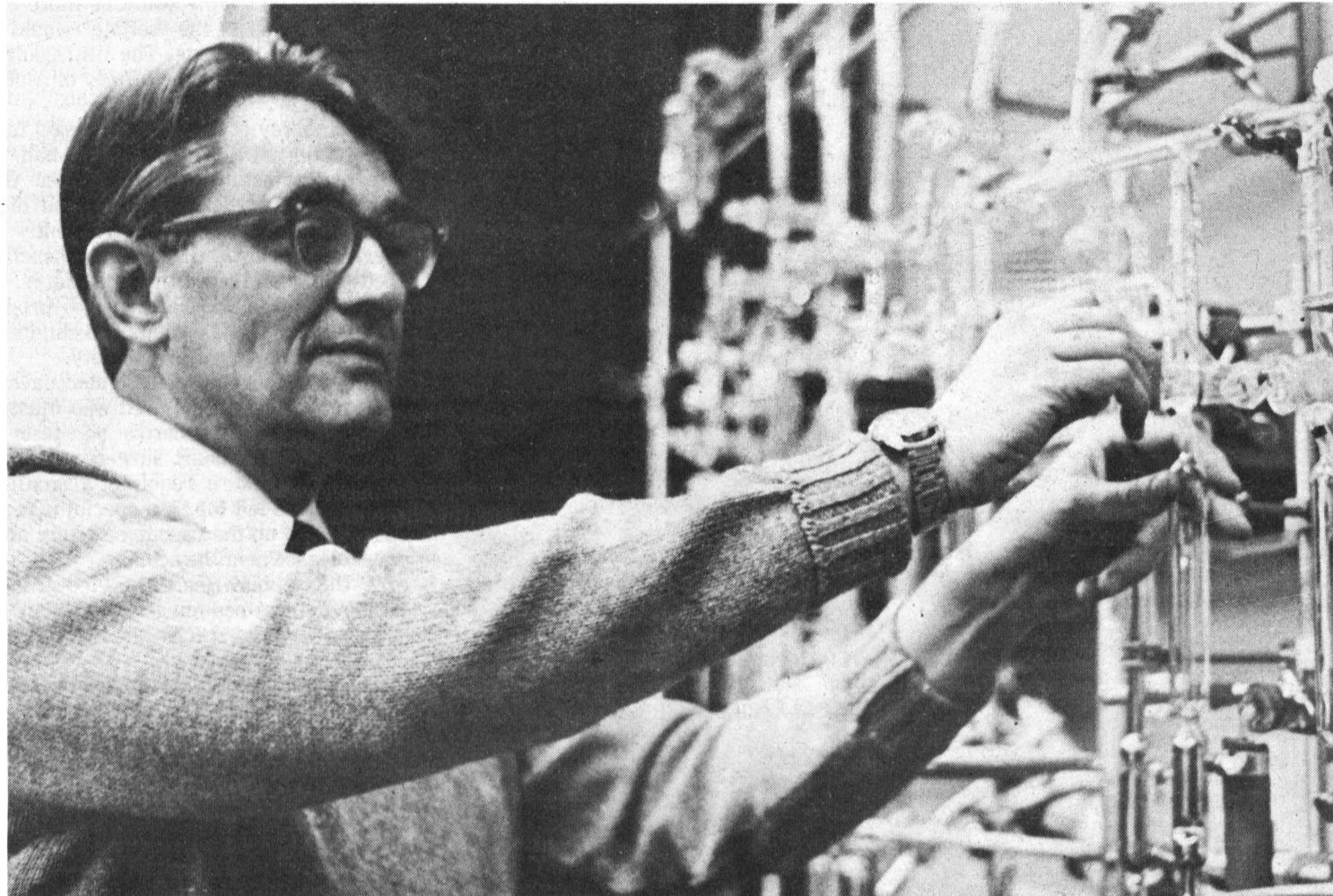
Two years ago, to expand his knowledge of research tools, Johns accepted a West German Alexander von Humboldt Foundation senior U.S. scientist award and worked in Goettingen for eight months studying carbon isotope characteristics and measurement techniques.

Upon his return last year, Johns set up a carbon isotope lab at UMC, one of only a dozen or so university labs in the U.S. By measuring the variations in two of the three isotopes found in carbon, Johns hopes to learn more about clay's catalytic mechanism.

In collaboration with University of Vienna scientists, he's exchanging information he's gathered on the Gulf of Mexico basin with European geologists' findings from the Vienna basin, one of Europe's major oil provinces.

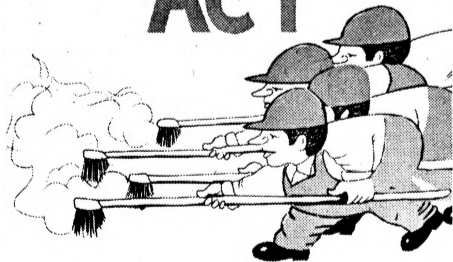
The project is funded through NATO as a peacetime effort to promote international scientific cooperation between organization countries.

Johns' research also is under the sponsorship of Mobil Oil, the American Chemical Society Petroleum Research Fund and the National Science Foundation.



UMC geology professor William Johns is studying how clay converts decomposed organic matter into petroleum. His pioneering research played an important role in the discovery that clay acts as a catalyst to the conversion process.

**CLEAN
UP YOUR
ACT**



DON'T LITTER!

A UMC art class project undertaken last semester has resulted in the physical plant's adoption of two posters for use in its upcoming anti-litter campaign.

Says physical plant director Thornton Jenkins: "We're always looking for good ideas. The class presented us with one, we evaluated it and decided to go ahead."

Last spring, former UMC instructor

**please
put
litter
in its
place**

Leon Travante's art class elected to create environmental posters as a class project. Included were several anti-litter posters. Travante solicited Jenkins' interest and, with the aid of colleagues at the physical plant, two designs were selected to promote the campus anti-litter effort.

The posters were designed by former UMC undergraduates Kay Rother of St. Charles and Sue Brennecke of St. Louis.

'Infinite Jest' shows lighter side of Italian Renaissance Art

Paul Barolsky's new book, "Infinite Jest: Wit and Humor in Italian Renaissance Art," offers a revealing look at some of the lighter aspects of Renaissance art, including not-so-subtle sexual imagery and frankly bawdy symbolism.

The book, published by the University of Missouri Press, focuses on such famous artists as Michelangelo, Raphael, Titian and Veronese, and on such widely known works as Botticelli's "Mars and Venus" and Giovanni Bellini's "Feast of the Gods," placing them in the cultural context of Venice, Florence, Rome and the northern courts of Ferrara and Mantua. Filled with interesting information and enlightening comparisons, "Infinite Jest" contrasts sharply with the starkly sober works of scholarship that have until now dominated this field of study.

He covers satire, parody, irony, travesty and burlesque, drawing parallels with Castiglione's "Book of the Courtier" and the tradition of serio ludere, and finds sources for Renaissance playfulness in Ovid and Lucian. Turning to the themes of the works under study, he relates them to the literature of the period, including the writings of Lorenzo de Medici, Berni, Folengo and Aretino, as well as Erasmus, Rabelais, Montaigne and Shakespeare.

Observing that Renaissance art may be bawdy as well as serious, Barolsky treats the satire of the ancient gods, the playfulness of Bacchic art, the priapean elements in Renaissance art and literature, and the erotic comedy of nuptial art.

In his discussion of playful literature, both anti-Petrarchan and anti-Neoplatonic, he criticizes the exaggerated Neoplatonic interpretations that modern scholars so often apply to works of the period. Drawing upon Rabelais, he argues, too, that art historians have been excessively eager to assign allegorical meaning to works of art not intended allegorically.

Copies of the 224-page book, featuring more than 100 plates, are available at \$34 each from booksellers and from the University of Missouri Press, 107 Swallow Hall, Columbia, MO 65211.

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 psychologist helps kids cope with surgery

A hospital can be a cold, frightening place, especially for children about to have an operation. The new environment and their lack of understanding about what's to happen make the situation especially difficult.

Lawrence Siegel, assistant professor of psychology and psychiatry at UMC, became sensitive to the special needs of children entering the hospital while director of child development at the Mid-Missouri Mental Health Center.

"I've seen two or three adults having to hold down a child who is quite upset about

having a blood test taken," said Siegel. "In dealing with children, you can't take for granted that hospital procedure will not be a problem situation."

The psychologist has developed a 15-minute film designed to give children having elective surgery and entering a hospital for the first time a "coping model." The film, "Ethan Has An Operation," follows a seven-year-old boy through pre- and post-operative procedures.

He calls the concept "film modeling." It's designed to give the child realistic expectations of what will happen. "We

don't tell the child that something won't hurt," he says. "We tell him it will hurt only for a moment."

Siegel thinks television medical shows aren't reassuring to children — and may even have the opposite effect.

"When a child is shown a mastery model — another child keeping a stiff-upper-lip and never batting an eyelash — that's disconcerting. It's an unrealistic expectation for most children because their experience doesn't match their expectations," he says.

Ethan experiences new situations to acquaint the children with the unknown.

Siegel attempts to talk to the children at their level, to invite their questions.

"Pre-adolescent children are not very verbal," he says. "They don't talk about their feelings, anxieties or fears. Most adults think that the child is okay and don't press him or her."

Siegel thinks the film fills a gap understaffed medical centers have in preparing children for surgery. "Most hospitals have some way of dealing with it, but it depends on how sensitive they are in this area. It's a matter of priorities for them. Something like this film would serve as a treatment package that would give the children coping skills to get through the situation."

Films produced in hospitals where they're to be shown would be more comforting because the setting would be familiar, he suggests. The film could be shown by an admitting officer or a child-care worker.

In a survey of 60 children, Siegel found that children viewing the film had less trouble adjusting at home after their hospitalization than children who didn't see the film. Non-seers frequently experienced short-term problems such as bedwetting and recurring nightmares.

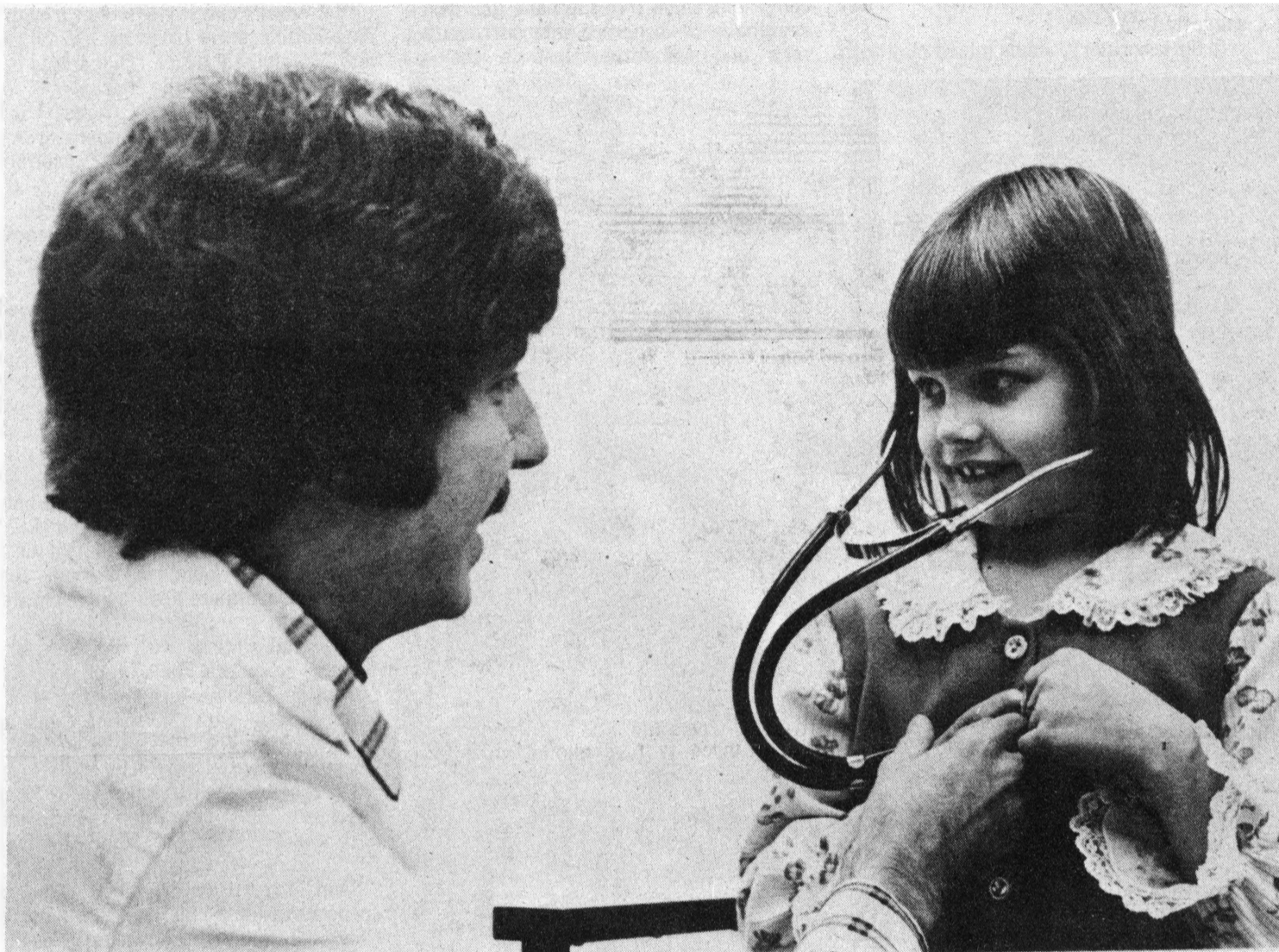
The psychologist wants to produce another film to aid parents and children to cope with hospitalization anxiety.

Another Siegel project under development is a film for children who must undergo cardiac catheterization tests in preparation for heart surgery. The high anxiety procedure requires a small incision in the left leg so a special tube can be directed up the vascular system and a dye released near the heart.

A U.S. Public Health Service grant to study stress-reducing techniques in natural childbirth is another of the psychologist's projects.

Siegel's interest in coping research developed while he was working on his doctoral dissertation at Case Western Reserve University in Ohio. The film "Ethan" was later developed at Case Western's Rainbow Baby's and Children Hospital.

After completing his clinical internship at Rutgers Medical School in New Jersey, he became director of child development at Mid-Missouri Mental Health Center and then director of the UMC psychological clinic, a training and service center.



Readying for surgery — Larry Siegel, UMC assistant professor of psychology, has developed a 15-minute film to help children cope with surgery. Here Siegel encourages a 7-year-old to listen to her own heartbeat. It's important that the child develop some control over the surgical situation, he says.

University nears United Way goal of \$99,500



Although the bowl games are over, you can still be part of the greatest game in town.

With 98.5 percent of goal, we're in the last quarter of the United Way drive. Some divisions have not completed their returns, and the University is just short of last year's effort.

"If four or five divisions come up to their total from last year, we can easily make our goal," said Bob Kren, director of the Office of Public Information and coordinator of the University's United Way drive. Faculty and staff can obtain additional pledge cards at the Office of Public Information, 329 Jesse Hall, or call 882-6211.

Last year, through the efforts of the Columbia campus, Medical Center, retired individuals and the University system, the University exceeded its United Way goal by Jan. 11. This year, students have netted an additional \$347 in their drive for United Way.

Many departments, divisions, schools and colleges have already surpassed their goals for this year. On the Columbia campus, administration, admissions and registrar, the alumni, physical plant, the College of Business and Public Administration, athletics, the School of Journalism, the School of Library and Information Science, and Ellis Library are over

their goals. The Medical Center and UMca both have exceeded goals.

The total breakdown is Columbia campus, \$60,755.41 or 96.4 percent of its goal of \$62,000; Medical Center, \$19,642 or 98.2 percent of its goal of \$20,000; UMca, \$9,277 or 104.2 percent of its goal of \$8,900; and retired individuals, \$8,319 or 96.7 percent of their goal of \$8,600.

If you haven't turned in your pledge card yet, please do. Remember that the pledge you give to United Way is money that stays in Columbia to help all of us in the community.

New museum hours

Beginning with the new semester, the Museum of Anthropology has new hours.

The museum will be open 9 a.m. to 4:30 p.m., Tuesday through Saturday, and will be open Monday in the middle of the day.

Museum collections include artifacts from Latin American Indians, Indians of Missouri and North America, and displays on early man and the old world and linguistics.

The gift shop features items from Mexico, Guatemala, Venezuela, Peru and Africa.

The museum is located in Francis Quadrangle in 100 Swallow Hall.

Galaxies are the 'World' of UMC astrophysicist

In an age in which scientists are studying the minute phenomena of genes in a chromosome and the neutrons of an atom, it's somewhat refreshing — or at least a pleasant change of pace — to meet scholars who think earth is too confining.

Such a scientist is Charles Peterson, UMC assistant professor of physics.

Peterson's interests aren't contained by continents, planets or even solar systems, but galaxies — gravitationally bound systems of billions of stars. As an astronomer, "I consider each galaxy a giant laboratory," he says.

The astronomer's "labs" are awesome. Our "lab," the Milky Way, has a diameter of 100,000 light years. In lay terms, that means if one were to travel from one end of the galaxy to the other, it would take 100,000 years at the speed of light — 186,000 miles per second!

Admittedly, the work Peterson enjoys as a scientific venture isn't the type expected to have a revolutionary impact on tomorrow's life-styles or today's day-to-day existence.

Peterson, 33, offers no apologies. "We're doing what we want to do," he says, a statement many of us would envy. "Like art, astronomy is part of the intellectual being of mankind. Without these pursuits, life would be dull. We know it's only through the good graces of society that we can do what we want."

Astronomy is among the oldest of scientific disciplines. Even the most primitive of societies inquired into the secrets of the night sky. Astrologers, though ignorant of the simple laws of physics which underlie all natural events, looked at the heavens and saw the stars and planets as auguring the fortunes and misfortunes of mortals.

With this sense of wonderment, which only in recent times has been capable of scientific scrutiny, it's surprising there are so few professional astronomers. Nationally, there are only about 4,000 astrophysicists. In Missouri, they number less than a dozen.

But then, Missouri doesn't offer astronomers the geographic opportunities of other locations. The state's wet climate, airborne dust, overcast atmosphere and lack of high-altitude observation points make it less than suitable for deep space star gazing.

Hence Peterson must do his observational studies when time allows and at points other than Missouri. And for his special interest, that's South America at the Cerro Tololo Inter-American Observatory in La Serena, Chile.

Galaxies come in a variety of shapes, explained Peterson, and astronomers don't know why. Even the shape of our own Milky Way galaxy is a question. This curiosity has led Peterson to focus on barred spiral galaxies. The earth's position in the universe permits detailed study of only about two dozen of the mysterious celestial phenomena.

Most galaxies have a "normal" spiral and appear as giant pinwheels, explained Peterson. But a barred spiral galaxy, instead of having several arms radiating from the center, has but two that appear to come from tips of a "bar" across the galaxy's diameter.

To learn more about the hows and whys of a barred spiral, Peterson uses a spectrometer that "reads" the light projected by the galaxy and separates it into its component colors. The measurements are recorded on a photographic plate — a



Barred Spiral Galaxy — The universe has about two dozen barred spiral galaxies. They can only be viewed from the southern hemisphere.

spectrogram. The process takes about an hour.

Later, the photographic plates are evaluated and entered into a specially designed measuring engine in Washington, D.C. The resultant measurements, which are accurate to within a millionth of a meter, are digested by computer and, with the help of sophisticated mathematics, converted into information on rotation, velocity and distance.

The effort is expensive. Chilean observatory costs alone come to nearly \$4,000 a night! Yet three to four nights' observational work provides so much data that it takes months to digest, sort and integrate. Peterson is hopeful he'll be able to suggest some answers to his questions about barred spiral galaxies within the next three to four years. Perhaps his findings will lead to more insights about our own galaxy.

In astronomy, notes Peterson, "all the

old assumptions and beliefs about individual galaxies are in turmoil. Three or four years ago we could give you a beautiful, all-encompassing picture of the universe. Now we're finding out it's not right. We've only recognized the nature of galaxies for 50 years, and in that half century we've had to revise our information on the size of the universe several times. Today we believe it's 10 times the size we thought it was in 1925. Since 1948 we've twice changed our estimates. We're finding that what we know — or think we know — needs to be corrected."

Each new answer spawns a new question. The universe remains a great, limitless laboratory reminding us of the vast storehouses of knowledge yet to be sought.

Somehow, the "world" of Charles Peterson and his colleagues seems all the more envied.

UMC researchers study 'pinkeye'

"Pinkeye" often is used as a catch-all term for diseases and injuries to the eyes of cattle.

However, only one form of pinkeye, Infectious Bovine Keratoconjunctivitis, concerns Lloyd Selby and Jonathan Webber of the College of Veterinary Medicine at UMC. This disease is highly contagious and is by far the most common form of pinkeye seen in Missouri during the summer.

Over 90% of pinkeye found in the herds of more than fifty livestock producers throughout Missouri was Infectious Bovine Keratoconjunctivitis according to Webber, who recently completed inspecting cattle herds struck by pinkeye.

Although pinkeye is not fatal, the American Cattlemen's Association has labeled it as one of the more serious diseases affecting beef cattle. The disease most often strikes calves on pasture in the summer. Infection results in poor weight gains and lost market value due to partial blindness.

Selby and Webber are still compiling the data from a recent random mail survey to more than 2,000 Missouri livestock producers. They have learned that pinkeye is not confined to any particular region of the state and that any producer's herd may be susceptible.

A commercial bacterin is used to prevent pinkeye infections in these herds, but the vaccine has met with mixed success. Too many producers vaccinate their cattle only after pinkeye has broken out,

according to Selby and Webber. The vaccine is most effective if administered at least three weeks before an outbreak occurs.

After studying the extent of the pinkeye problem in Missouri, Selby and Webber will attempt to identify all factors contributing to the spread of the disease. The researchers are looking to ultimately control pinkeye by better herd management practices coupled with use of vaccine.

The research, which began in fall, 1976, is supported by a grant from the Veterinary Medicine Research Council.

Fire training group gets forestry grant

The fire training division in the Institute of Public Safety at UMC recently received a \$2,500 grant from the Forestry Division of the Missouri Department of Conservation.

The two divisions have a joint two-year-old program to train Missouri fire departments. In the past year, classes have been held at Bethany, Fredericktown, Harrisonville, Kirksville, Mexico, Nevada, Rolla, Sedalia, Springfield and Washington, Mo.

In the schools, the Conservation Department teaches control of land and natural cover fires. UMC deals with structural fire fighting, leadership and officer training for fire department personnel.

Grant funds are provided by the Title IV Rural Development Act.



In the UMC Observatory — Charles Peterson, assistant professor of physics, explains how to operate the UMC Observatory telescope. The 16-inch reflecting telescope has a focal length of 180 inches and a magnification power of 50 to 500. Deep space objects are difficult to observe from the observatory, but the moon, planets, star clusters, double stars and a few nebulae are viewable.

Secrets of combustion could aid in pollution battle

Fire has a mystery about it that has fascinated, yet frightened mortals since the first dawn.

It brings romance to the hearth, awakens untold tales at the campsite and mesmerizes with shadows and spells.

Fire, and more technically combustion, has a distinctive fascination for scientists, too. Among them is Tony Dean — avid jogger, football enthusiast, Harvard Ph.D. '70, and a member of UMC's faculty since 1970.

An associate professor of chemistry, Dean has lots of questions about what's happening during combustion. Until just a few years ago, they were questions that couldn't be answered.

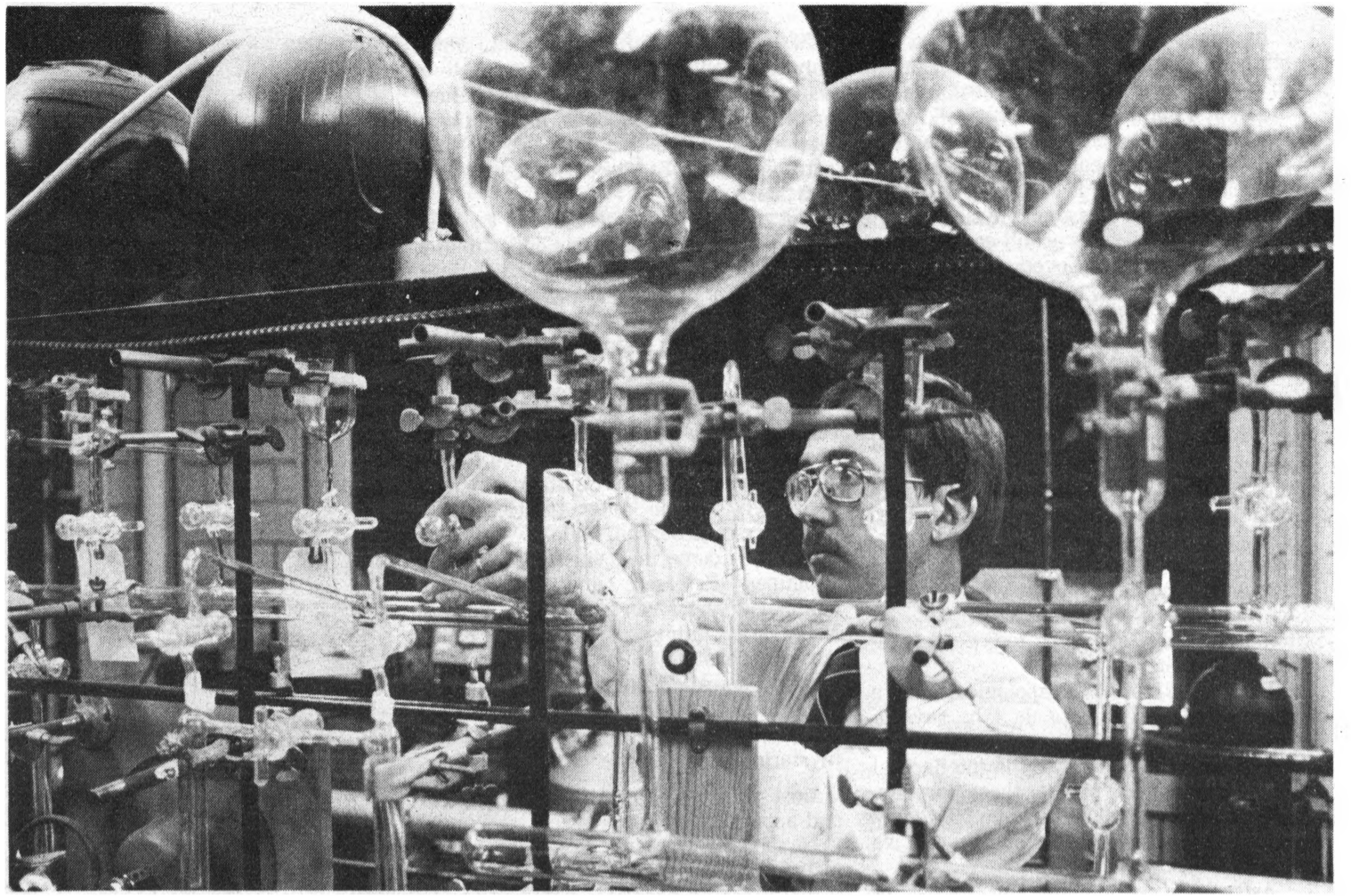
And while Dean's queries are those of a purist — a scholar seeking answers to feed a need to know how and why — his findings may play an important role in resolving future problems in jet engine combustion pollution.

The Navy is interested in this application, and has channeled \$87,000 to the young researcher for Project Squid. Squids have their own jet propulsion system — thus the code name.

Dean explains that in the future, coal and shale oil will probably be the sources for kerosene, a primary jet fuel. Unfortunately, when kerosene is generated from coal, not all the impurities are separated out. In combustion, these impurities can produce nitrogen oxide.

"Nitrogen oxide emissions from automobiles are undesirable because they create smog. With jets, an additional problem is that most of the emissions occur at high altitudes where there is a potential for destruction of the ozone layer, much like the action of fluorocarbons," Dean says.

If scientists had a clearer understanding of combustion chemistry, they could



Equipment Test — Tony Dean, UMC associate professor of chemistry, adjusts a stopcock pressure gauge before making an experimental test run. Gases travel from the glass apparatus to the shock tube.

modify the engine or the fuel composition in jets to eliminate or reduce pollutant formation.

But mapping high temperature combustion is incredibly complex. Some of the reactions have never been described in scientific literature, while others were

modeled from low temperature chemistry.

In 1975, working under a campus Graduate School Research Council summer fellowship, Dean discovered a simpler way to study high temperature chemistry. He reported his findings and caught the attention of the Office of Naval Research, who funded his continuing research.

Dean's task has been highly complicated, like piecing a sentence together out of straight lines and curves. To begin, letters must be formed, then words, and then the sentence.

During high temperature combustion, a score of chemical reactions takes place. About three-quarters have been documented and subjected to scientific scrutiny. And of the remaining half-dozen, Dean has studied four chemical reactions involving formaldehyde — an important transient chemical in combustion. He hopes to complete work on several other reactions by 1980, then work on an interactive model.

The basic research instrument Dean uses is a "shock tube," a three-inch diameter cylinder 22 feet long. One of very few in this country, the tube was built over a two-year period by the University's scientific instruments shop.

For his experiments, Dean artificially creates a high temperature within the cylinder. Gases of differing pressures are injected on each side of a diaphragm. When the diaphragm ruptures, it sends a shock wave that expands as it travels down the tube. Within the wave, molecules become "excited" and — for an instant — create a temperature of several thousand degrees.

Sophisticated detectors programmed to react to only one combustion characteristic within millionths of a second measure the radiation given off by the decaying molecules. A thousand bits of information are captured in the detectors, later printed out and then compressed.

"The process (of chemically mapping high temperature combustion) is frustrating, but when you discover what's happening, it becomes exciting," Dean acknowledges. "I think the public generally misunderstands the research process. In many instances the inevitability of knowledge is assumed.

"Scientists inadvertently foster the inevitability image by presenting the

results of their work in an ordered fashion. Left out are descriptions of the problems, the blind alleys, the malfunctions of equipment. Unfortunately, also left out is the sheer joy we experience when things finally do begin to make sense."

Dean obviously is comfortable with the vocation he's chosen, one that he sort of grew into. His childhood, he admits, wasn't differentiated by an unquenched curiosity about chemistry.

"I wasn't one of those kids who played with Gilbert Chemistry sets," he proffered. "I played sports. In high school our chemistry teacher didn't have a good understanding of the basics. Not only did we come up with the questions, we found our own answers."

As an undergraduate, he found the engineering curriculum "regimented," so he transferred from Georgia Tech after one semester and accepted a scholarship to Spring Hill College in Mobile, Ala. "I was taking an honors course in chemistry and became really excited about it," he related. Graduating with high honors, he entered graduate school at Harvard ("I looked around and saw a number of my peers had graduated from small colleges and I thought, 'This must be the year of the small school,'" he demurred).

"It's a perfect example of how things dovetail," he reflected. "Here I was intrigued by the details of the process. Now I can have cake and eat it too. I'm doing basic research, but it has practical applications."



Shock Tube Treatment — Ron Johnson, a 1978 UMC graduate in chemistry and currently in the School of Nursing, pours liquid nitrogen into a trap to increase vacuum pump efficiency. Johnson is one of four undergraduates who have worked on shock tube combustion studies with Tony Dean, associate professor of chemistry.

EMPLOYEE ASSISTANCE PROGRAM

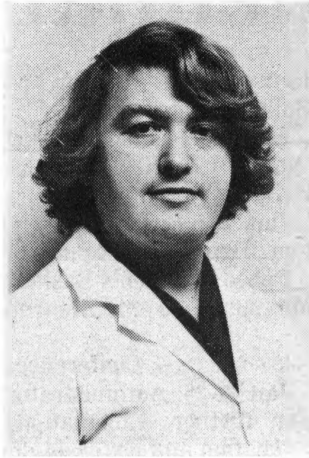
A program for faculty and staff is a confidential referral service for all employees and their families who are seeking solutions to persistent personal or work-related problems.

TAKE ACTION ... Call 882-6701
UMC Employee Assistant Program
215 Columbia Professional Bldg.

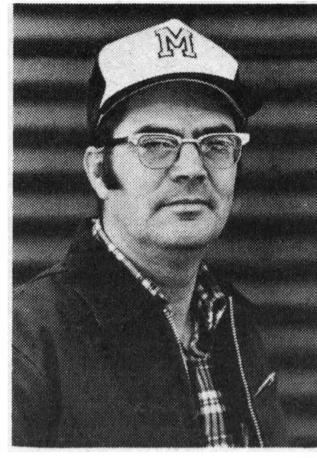
Service Awards



Marcella C. Roberts
fiscal assistant
fiscal office
20 years



Donald A. Headley
animal technician II
Dalton Research Center
10 years



John Burks
coordinator, athletic maint.
intercollegiate athletics
10 years



Marion McElvea
chief accounting clerk
engineering exp. station
10 years



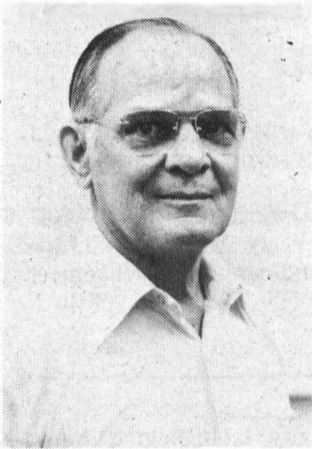
David Evans
mgr., archaeological survey
American archaeology div.
10 years



Flora Jones
food service worker I
Memorial Union
10 years



Richard Sallee Jr.
food service worker II
Memorial Union
10 years



Virgil E. Fausett
binderyman
Office Business Management
10 years



Dennis Tolan Bell
computer project manager
vice pres. for admin. affairs
10 years



David Pinkerton
lab technician
plant pathology
10 years

Welcome

Charles Johnson, food service worker II, dormitories; Eleanor M. Milner, research laboratory technician, chemistry; Carla Kay Sagster, food service worker I, dormitories; Melissa K. Woods, clerk typist II, personnel services; Mary J. Harbourt, secretary, behavioral research; James C. Smith, food service worker I, Memorial Union;

Latanya Hams, library clerk II, library; Terry Hughey, senior mail clerk, Extension Division; Melvyn Brown, stores

clerk, purchasing; David Price, janitor, physical plant; Anne Edwina Justis, staff nurse, Student Health Services; Cathleen C. O'Dell, secretary-stenographer, education; Rajesh C. Kumar, computer programmer II, education;

Alice Koppenaar, stenographer, purchasing; Jammie McWhirt, draftsman, physical plant; Ethel Forsythe, senior clerk, TV Station; Danny Roff, food service worker II, dormitories.

Employees earn degrees through educational assistance

All full-time administrative, service and support staff and teaching and research staff are eligible to take up to six credit hours of courses a semester under the University's educational assistance program. Three hours are allowed during the summer session.

Employees pay only 25 percent of the incidental fee each semester. Purpose of the

program is overall employee development and development of qualifications which may lead to advancement through additional education.

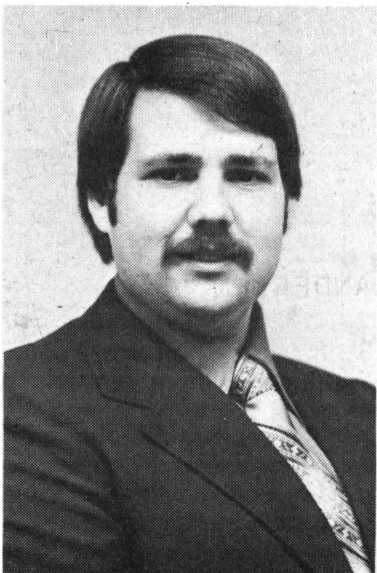
Employees wishing to take advantage of the program should discuss their intentions with their departments; contact the admissions office and go through the necessary admissions requirements; ob-

tain and fill out a form UMUW 84-1; get the necessary approvals on the form; register; and then begin classes.

Forms and further information is available through the campus personnel office or central administration personnel.

Eight staff received their degrees this December through the program. Those not pictured below are Gary Brimer, senior

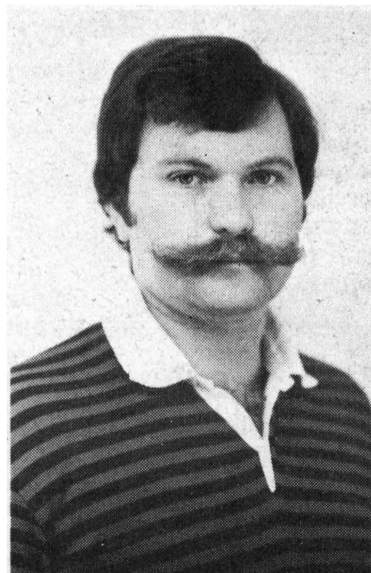
research technician, Dalton Research Center, who obtained a bachelor's in general studies; Mary Alice Alsbaugh, food and nutrition specialist, University Extension, who received a master's in extension education; and Martin MacDonald, youth specialist, University Extension, who obtained a master's in Extension education.



Terry Baxter
forensic chemist
Research Reactor
M.B.A.



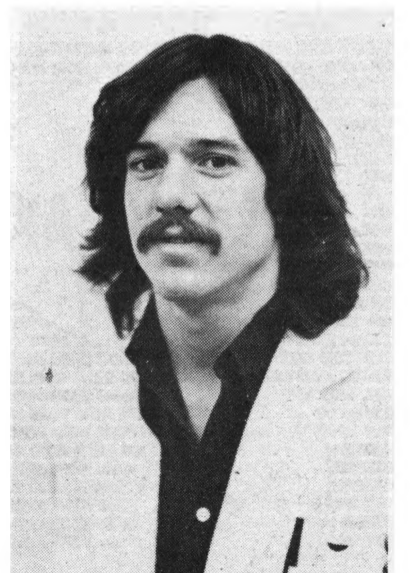
Michael W. Prewitt
clinical instructor
respiratory therapy dept.
School of Health Related Professions
M. Ed.



David "Chip" Thomas
patrolman
University police
M.S. in animal genetics



Julia Glascock
coordinator
Student Financial Aids
M. Ed.



Steven Keller
respiratory therapy technician
respiratory therapy
B.A. in psychology

Calendar of Events

Academic schedule

Jan. 11: New Student Orientation.
Jan. 12: Registration.
Jan. 15: Classwork begins 7:40 a.m.

Athletic events

Jan. 10: Basketball: Oklahoma State vs. Missouri, 7:35 p.m., Hearnes Multipurpose Building.
Jan. 13: Women's Basketball: Southern Illinois University vs. Missouri at 3:15 p.m., Hearnes Multipurpose Building.
Jan. 13: Basketball: Oklahoma vs. Missouri, 1:30 p.m., Hearnes Multipurpose Building.
Jan. 20: Basketball: Nebraska vs. Missouri, 7:35 p.m., Hearnes Multipurpose Building.
Jan. 24: Women's Basketball: Southwest Missouri State

University vs. Missouri, 7:30 p.m., Hearnes Multipurpose Building.

Jan. 26: Women's Basketball: University of Nebraska-Omaha vs. Missouri, 7:30 p.m., Hearnes Multipurpose Building.

Jan. 27: Basketball: Kansas State vs. Missouri, 7:35 p.m., Hearnes Multipurpose Building.

Feb. 3: Women's Basketball: Iowa State University vs. Missouri, 7:30 p.m., Hearnes Multipurpose Building.

Conferences, short courses

Jan. 22-26: Administrator in Training, Memorial Union. For further information, call Office of Continuing Education and Extension for the Health Professions, 882-2256.

Deadlines, other events

Jan. 29-Feb. 2: Ag Science Week.
Jan. 31: Ag Day.

Films, exhibits

Jan. 15-Feb. 9: Fine Arts Gallery: area painters. Monday-Friday, 9 a.m.-3 p.m.; Saturday 2:30-4:30 p.m. Free and open to the public.

Lecturers, Speakers

Jan. 16: "Effect on Aquatic Life of Supersaturation of Air in Water" by James Whitley, Missouri Conservation Department, 7:30 p.m., Room S-203, Memorial Union. Coffee and refreshments will be served. For more information call 882-3610.

Announcements

UMC concert series

Three cultural events to enliven the winter season have been announced for the UMC Concert Series.

A production of Mozart's comic opera, "The Marriage of Figaro," will be presented Monday, Jan. 22 by the new Canadian Opera on Tour. Sponsored as part of the Jesse Series, the romantic comedy will be sung in English.

The Beaux Arts Trio will bring its musicianship to Columbia for a return engagement with the Chamber Series on Friday, Feb. 9.

A performance by the young Joffrey II Dancers is slated for Sunday, Feb. 18.

All performances are at 8:15 p.m. in Jesse Auditorium. Ticket information will be announced. For information, persons may call 882-3875.

University Club

The University Club will hold its luncheon meeting at noon Wednesday, Jan. 17, in Rooms N214-215 Memorial Union. Saul Weinberg, professor emeritus of art history/archaeology will speak about the museum.

Cost of the luncheon is \$3.50 payable at the door. Reservations should be made in advance by calling W.R. Miller's office, 882-8311.

The luncheons are open to all faculty and staff at the University and their guests, whether or not they are members of the University Club.

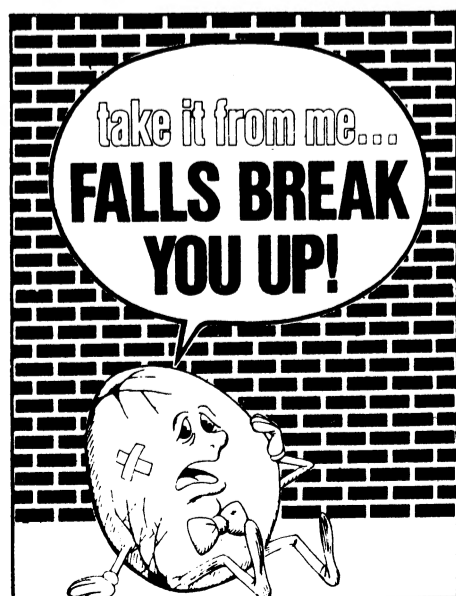
Life insurance

The Staff Benefits Office is reminding UMC personnel that the old life insurance plan expired Nov. 30, and that the new plan is now in effect.

Persons unsure if they are enrolled in the new plan should check their Dec. 31 paycheck deductions. If there is no deduction under life insurance, you are not enrolled. Of course, persons who signed up for the free life insurance would have no deduction taken out.

If you have questions concerning the insurance program, call Staff Benefits at 882-3683.

Safety Views



Career planning

The Career Planning and Placement Center is sponsoring a seminar on Career Planning for Adults from 7 to 9:30 p.m. on four consecutive Thursday evenings: Feb. 1, 8, 15 and 22.

Purpose of the seminar is to assist adults to make the transition from work to education, education to work, or from one job to another. Information will be available for persons contemplating a work change.

Fee for the seminar is \$50 and enrollment is limited to 15. The Center is encouraging campus personnel and their families to enroll.

For further information and registration, contact Martha Gurwit, Office of Conferences and Short Courses, 344 Hearnes, 882-6394.

Correction

Two committee members were incorrectly identified in the Dec. 6 Committees, Councils and Boards supplement in the last issue of **Campus Columns**.

Jack Matthews, on the Retiree Advisory Committee, is emeritus professor of physical education and emeritus dean. Veta Adams, on the Operations Committee of Schools and Colleges, is assistant dean, College of Home Economics.

Please make the corrections on your copy of the supplement.

BroccaBrella



Alexander Pickard, director of Marching Mizzou, wears the latest in unisex headwear — the BroccaBrella. Popularized by St. Louis Cardinal Lou Brock, the BroccaBrella umbrella hat is being sold by Marching Mizzou members to raise funds for Liberty Bowl trip expenses. The BroccaBrella sells for \$5.

Address changes

As the new year dawns, the payroll department begins thinking about mailing W-2 forms.

If you have changed addresses since signing a W-4 form indicating your number of dependents, call 882-4054 with the update information so that you can receive your statement of earnings promptly.



Classes in signing offered to UMC staff

Faculty and staff are invited to enroll in classes offered by the Handicapped Student Office in learning sign language to communicate with hearing impaired persons. The free 12-week course will begin Jan. 22 and will be held on Mondays and Wednesdays from 3:30 to 5 p.m.

Another session will be held Wednesday evenings, but there will be a charge for the evening sessions.

For further information call Barb Hummel or Beverly Hollrah (pictured above) at the Handicapped Student Office, 882-3839.

Promotions

Dana Byers, from secretary-stenographer to secretary; James Coats, from electrician apprentice to electrician; James Coleman, from janitor to groundsman; Raymond Cornell, from janitor to watchman; Gene Cowans, from food service worker I to food service worker II; Jewell Cundiff, from draftsman to specification writer;

Alma Hryb, from senior stenographer to secretary; David Jordan, from food service worker I to food service worker II; Bruce Martin, from groundsman to groundsman II; Cathy Martin, from clerk typist II to senior clerk typist; Pamela Peterson, from radiologic technologist to

radiologic specialty technologist; Sarah Spradling, from laboratory assistant to senior research/laboratory assistant; Judith Stock, from senior clerk typist to senior secretary; James Via, from janitor to groundsman;

Gardner VonHolt, from computer programmer/analyst I to computer programmer/analyst II; Mervin Wells, Jr., from power plant operator to power plant leadman; John Williams, from supervisor building security to assistant chief operations/planning — physical plant; Carol Williams, from composition coder to copy preparation specialist.

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Officers elected for Staff Advisory Council

The UMC Employees' Staff Advisory Council elected officers at their Jan. 25 meeting.

Steve Cox, electronics technician in the biological sciences department, was elected chairman of the group. Other officers elected were vice chairman, Garf Thomas, assistant director of hospital and clinics; and recorder, Patricia Ives, library assistant II, Ellis Library.

Also at the meeting, David West, chairman of the UMC Faculty Council, spoke briefly with the council, suggesting some areas in which the two councils may want to work together.

Council members elected subcommittees on which to serve. The group narrowed the subcommittees to four general areas — compensation (salaries and benefits), staff recognition, com-

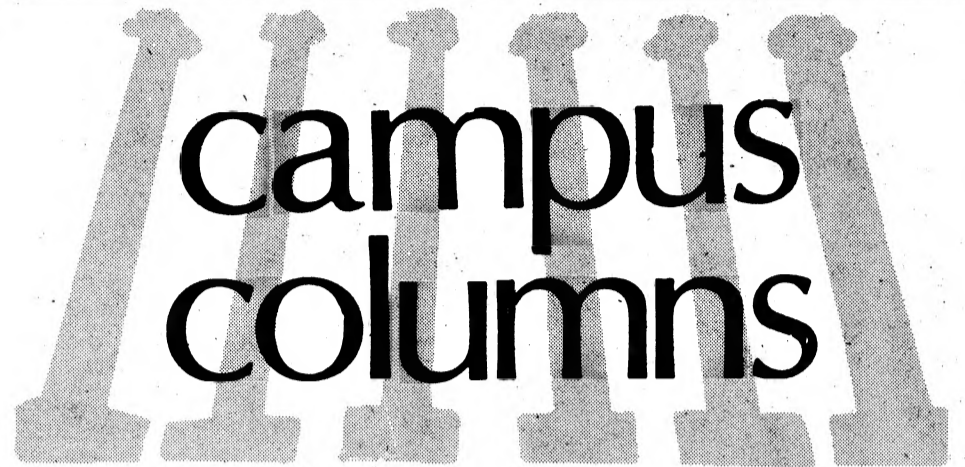
munication and council organization.

The council expressed staff concern about Gov. Joseph Teasdale's proposed 5.5 percent salary increase. Uehling responded that she was also concerned about staff salaries and has tried to convey her views to legislators and other University officials.

The group also discussed the evaluation of the University by the U.S. Office of Civil

Rights and the search committee selection process. Thomas, the council's representative to the Resource Management Council, gave a brief report to the group on that council's activities.

Copies of the minutes of the staff council meeting were mailed to all staff Feb. 5. Staff members who did not receive a copy should call the office of public information, 882-6211 to have a copy sent.



campus columns

Vol. 10, No. 7

Wednesday, Feb. 7, 1979

Schooler seeking answers to threat from imports

A UMC marketing professor is on sabbatical leave this semester to develop a strategy to protect the jobs of more than 14,000 Missourians in industries identified as vulnerable to foreign competition.

Robert Schooler hopes to develop an effective marketing strategy for Missouri products which stresses the advantages of domestic goods and targets new and special markets.

"In the past," says Schooler, "the federal government has used adjustment assistance or quotas as responses to disruptive imports. But they create serious political problems: the first accepts disruptive imports by giving special benefits to im-

ported industries — a strategy unions view as putting flowers on the grave — and the second results in higher prices. If we can develop another strategy — and I think we can — we will have a good, nonpolitical solution to the import threat that stresses competition."

Missouri industries identified by Congress as susceptible to disruptive imports are leather and leather goods (employing 1,204); electronic components (employing 4,063); and men's, youths' and boys' coats and overcoats (employing 8,816). The imports are produced in Mexico.

Schooler says he hopes to have his recommendations completed by this summer. His findings will be made available to the Missouri Department of Commerce and Industrial Development and to Congressional authorities.



Students wait for a ride home for the weekend last Friday, while about two inches of snow fell in less than an hour. Physical plant personnel logged in well over 1,000 hours of overtime last month clearing streets and sidewalks when Columbia was hit with a record January snowfall of 23.3 inches.

United Way pledges exceed UMC's goal

To the University Community:

Once again, the University community has rallied to the United Way fund-raising drive, with almost 102 percent effort for faculty and staff. In January we exceeded our 1978-79 goal of \$99,500 by pledging \$101,315.

I express my thanks to those who devoted their time to the drive and to those who pledged to the fund. For the first time in many years, all divisions' pledges exceeded their goals. Your hearty show of support for the quality of life in this community insures the continuation of valuable social services to the Columbia area. The strength of your commitment inspires a sense of shared pride in the University and the Columbia campus.

I salute you.

Barbara S. Uehling
Chancellor

Symposium on Virginia Woolf set Feb. 23-24

Modern British novelist Virginia Woolf will be the major subject of a symposium, "Victorian Past: Edwardian Present," Feb. 23 and 24 at UMC.

Prominent scholars will be lecturers, panelists and discussion leaders in sessions on Woolf and the Bloomsbury Group of writers and artists and their influence in the twentieth century.

The symposium is open to all interested persons. Sessions will be in Pickard Hall from 4 p.m. on Feb. 23 to 4 p.m. on Feb. 24. Registration is \$2 for students, \$4 for others and will be available at the door.

Guest lecturers will be Carolyn Heilbrun, professor of English at Columbia University and Samuel Hynes, professor of English at Princeton University.

Heilbrun is the author of "Toward a

Recognition of Androgyny," a study of the attitudes of Woolf and the Bloomsbury Group toward the place of women in Western culture. She will lecture on "Virginia Woolf: From Victorian to Contemporary."

Hynes, author of "The Edwardian Turn of Mind" and "The Auden Generation," will lecture on "Virginia Woolf and the Bloomsbury Painters."

The Bloomsbury Group was named for the part of London (near the British Museum) where most of the six to eight members lived in the early 1900s according to Mary Lago, symposium chairman and associate professor of English. The group was noted for interest in new ideas, such as French post-impressionism and the Russian novelists, Lago says, and for helping those ideas become known and accepted.

Lago is editing correspondence of Bloomsbury Group members.

William McBrien, professor of English at Hofstra University and editor of Twentieth Century Literature, also will be a guest, joining Heilbrun and Hynes in a panel discussion on "Victorian Past: Edwardian Present — How Much of Each?"

During informal sessions, Heilbrun will meet with women students and others who wish to discuss the outlook for women in the literary and teaching professions.

Hynes will meet with those interested in literature of the early twentieth century. McBrien will discuss the role of the literary journal in determining literary tastes and the kind of articles sought by a journal such as Twentieth Century Literature.

Joint sponsors of the symposium are the

UMC department of English, Women's Studies Office, Graduate School, University Assembly Lectures Committee and the office of the provost for academic affairs.

Ellis Library will display books by Virginia Woolf and by symposium speakers Heilbrun and Hynes. The exhibit on the second floor will be up from mid-February through the symposium.

Information about the symposium and registration is available from Freddy Randolph or Becky Lee, Office of Conferences and Short Courses, 344 Hearnese, UMC, Columbia 65211, 314/882-8320.

Information about program details and participants is available from Lago, Arts and Science Bldg., UMC, 314/882-7605 or 882-6066.

Percy Sallee: a 'one-of-a-kind' research specialist

Percy Sallee is intent on making it possible for Missourians to bake a distinctly different loaf of bread — one made of flour from a wheat-barley-rye plant.

And he just might do it.

Sallee, a UMC staff member, was the first person in the world to produce a fertile plant from a cross between wheat and barley in 1975 — and he grew the plant in the agronomy greenhouse behind Curtis Hall. Now he has crossed his wheat-barley plants with rye and is nursing along six wheat-barley-rye plants.

Research specialist Sallee is one man of a two-man team in the wheat cytogenetics group studying the evolution of wheat. The other team member is Gordon Kimber, professor of agronomy.

"I think the most important thing is to have a good working relationship with the people on the job," says Sallee, pausing to talk from a bout of happy whistling in the lab. "You need compatibility and personality to make the team work — and we are definitely a team."

Kimber agrees, and is less than modest about Sallee's capabilities. "I brag not about his techniques," Kimber states emphatically, "but nowhere in the United States does anyone make such good cytological preparations."

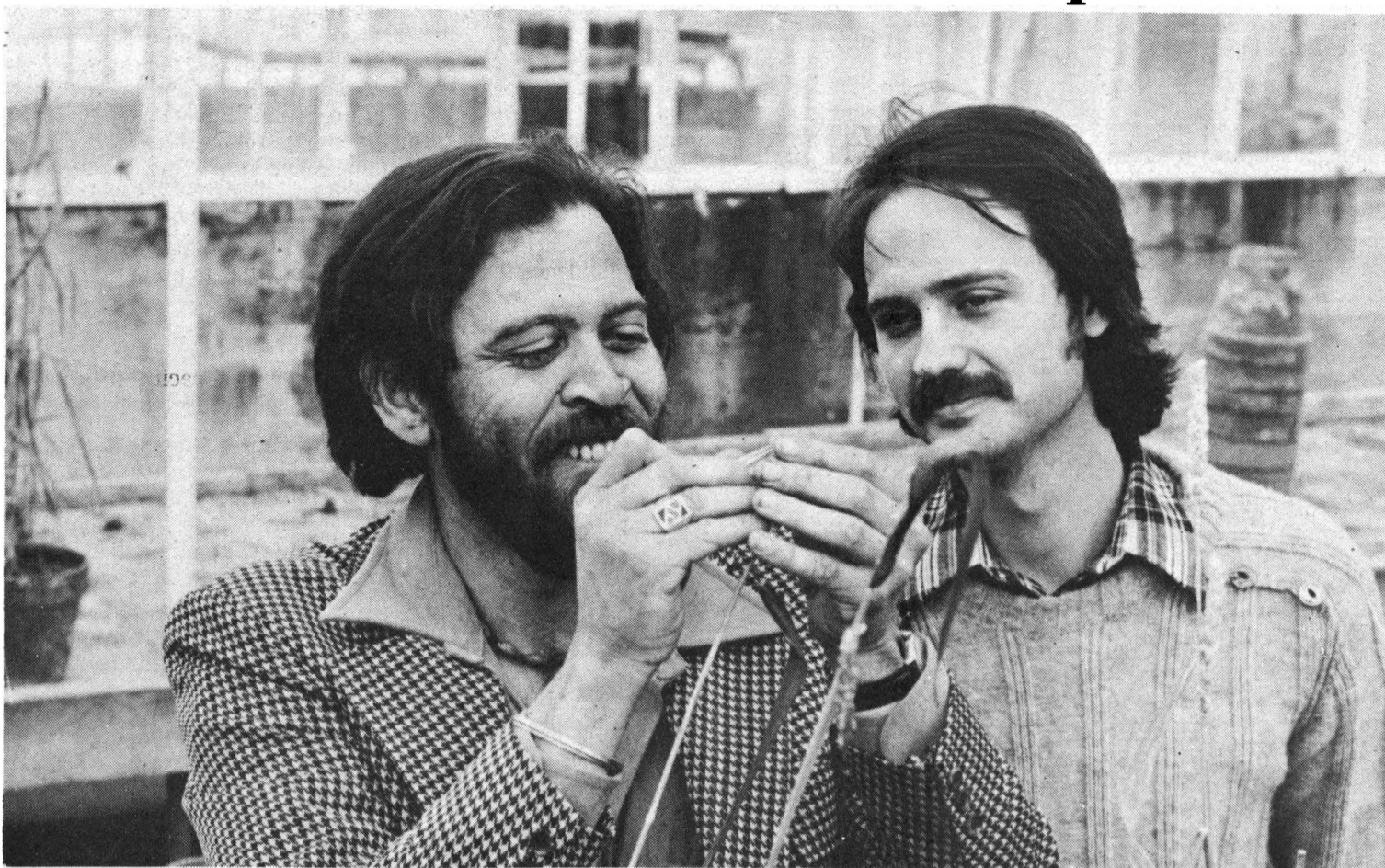
Sallee had no training in wheat cytogenetics before coming to the University to work. "I learned the job in the trenches," he explains.

He started with the University 10 years ago, working first for Agronomy Professor Elroy Peters on a weed control experiment, and then for Kimber. Initially, Sallee worked as a lab technician, filling pots with soil and looking after the greenhouse. From there, Kimber says, "Sallee developed the job himself."

Sallee's work begins in the greenhouse where he cross-breeds plants, harvests their seeds, and monitors them through germination — a process involving moving the seeds from incubator to refrigerator and back — to insure germination uniformity. Root tips are then collected from the seeds.

"The root tips are placed in monobromonaphthalene to inhibit spindle fibers when the cell divides," Sallee says. "That stops the cell division at metaphase, the phase of the cycle when the chromosomes are shortest and easiest to count."

Sallee prepares the roots with more



Percy Sallee demonstrates cross-breeding of wheat to graduate student Carlos Alonso.

chemicals, stores them overnight, hydrolizes them, and stains them. The prepared root tips are then squashed and inspected under a microscope to record the configuration of the chromosomes. Through chromosome identification, the researchers determine the species relationships.

"I look at the number of chromosomes per cell, and for aberrations, or whatever a particular experiment calls for," Sallee says. "It is important to keep very good records of the findings. One bad record could mean that up to five or six years of work are wasted. They have to be kept religiously." The resulting data is often run through a computer for analysis.

Sallee's careful preparation techniques are well-known outside his department. He has had several papers presented on the topic at International Symposia. Also, he teaches his methods to agronomy graduate students and visiting professors.

Kimber describes Sallee as a teacher who not only has technical ability, but a great rapport with students. "He has taught his techniques to people from all

over the United States and abroad," Kimber explains. "As a result, they have been adapted and applied to research worldwide."

In addition to teaching his techniques to researchers, Sallee has developed a modification of the technique to work on corn chromosomes. "He must be the only person within a thousand miles of here who can make such good preparations of corn somatic chromosomes," Kimber says with pride.

The USDA thinks so too. Sallee now works part-time for them on a chromosome identification contract.

Kimber describes Sallee as a hard-working individual who understands his work so well that he continuously makes subtle changes while he works — modifications that greatly improve the final preparations. "His chromosome preparations, together with his record-keeping and care of the plants, greatly simplify all the research that we do," Kimber says.

But the achievement that Sallee himself is most proud of, he says, is the seven

Triticum speltoides additions — a wild relative of wheat — that he has made. By crossing and back-crossing to wheat, Sallee derived seven lines from this hybrid, each with a different speltoides chromosome added. One chromosome carries a gene for disease resistance, which could be bred into wheat to produce disease-resistant bread wheat.

However, there is an even more exciting dimension of the Triticum speltoides additions for Sallee: every wheat geneticist worth his salt is searching for the coveted B genome, which is genetic jargon for one of the original parents of bread wheat. Scientists know that wheat is a hybrid of several wild forms of grass — each with its own genome. And they are still trying to identify the donor of the B genome. With the development of the speltoides additions, Sallee came closer to finding it than before. "We have other hunches we are working on now," he says. When queried as to what secret plants he was hiding in the greenhouse, Sallee only smiled. "We won't reveal them," he said. "Not until we're sure."

Appointments named for future, search and screening committees

All appointments to the search, screening and future committees have been completed by Chancellor Barbara S. Uehling.

The committees and their members:

Search Committee for Provost: William Fisch, professor of law, chairperson; Helen Anderson, associate dean for graduate studies and research, College of Home Economics; Stanley Bull, professor of nuclear engineering; Ben Enis, professor of marketing; Roy Fisher, dean of the School of Journalism; Sandra Gautt, assistant professor of special education; Carol McQuary, grants and contracts specialist, Graduate School and Research Office; Norman Rabjohn, professor of chemistry; Robert Rowland, professor of history; Dean Schmidt, librarian, Medical Library; David West, professor of finance. Student members are Karen Hendricks and Pete Cargill.

Search Committee for Vice Chancellor for Student Affairs: Marilyn Maddux, professor of social work, chairperson; Mable Grimes, assistant professor of extension education; William Jones, professor of English; W. R. Miller, associate dean of education; W. Garry Johnson, assistant director of housing; Mick Deaver, associate director of University police; Charles Lobeck, dean of

the School of Medicine. Student members are Lisa Danette White, Hank Plain, Dwayne Richard, and Tom Darr.

Search Committee for the Vice Chancellor for Administrative Services: Carl Block, professor of marketing, chairman; Susan Taylor, associate professor of nursing; Charles Middleton, professor of medical and veterinary pathology; Dave Dugan, professor of journalism; Don Hoehle, fiscal operations officer; Debrah Jefferson, assistant professor of agricultural education; Bea Litherland, dean of the College of Home Economics. Student members are Dawn Dougald and Dan Bunch.

Search Committee for Director of Equal Opportunity: Loretta Williams, assistant professor of sociology, chairperson; Mary B. McDonald, assistant professor of human nutrition, food and foods systems; Peter Hasselriis, professor of education; Sandy Nickel, assistant professor of speech and dramatic arts; Donald L. Cordes, assistant professor of family and community medicine; Margaret Kraeuchi, director of engineering communication; Barbara McDonald, administrative associate in the sociology department; Wiley Miller, counseling services psychologist; Allen E. Smith,

dean of the School of Law. Students are Debbie Bryer and Edward Sargent.

Screening Committee for the Director of Institutional Research and Planning: Rick Elam, associate professor of accountancy, chairperson; Barbara Bank, associate professor of sociology; Sam Brown, chairman, department of psychology; Richard T. Douthy, professor of civil engineering; George Brooks, director of student financial aids, and Gary Smith, director of admissions and registrar. Student members are Doug Liljegren and Jim Pfander.

Screening Committee for Hospital Director: Brent Parker, hospital chief of staff, chairperson; Gladys Courtney, dean of the School of Nursing; Ellis A. Ingram, associate professor of pathology; Charles Mengel, chairman, department of medicine; Evelyn Peck, associate dean, School of Nursing; Michael Perry, associate professor of medicine; Donald Silver, chairman, department of surgery; Ira Hubbel, Columbia physician; and J. L. Kurzejeski, director Harry S Truman Memorial Veterans Hospital.

Academic Future Committee: John W. Rouse, professor of electrical engineering, chairperson; Milton Feather, professor of biochemistry; William Fisch, professor of

law; Mary Lenox, associate professor of library science; Hans Mauksch, professor of family and community medicine; George Nickolaus, dean of the College of Public and Community Services; Joye Patterson, associate professor of journalism; John R. Roberts, professor of English; Marie Vorbeck, professor of pathology; James Wall, associate professor of management. Student members are Rick Bien, Christopher Gibbs and Gretchen Myers.

Institutional Future Committee: Sam C. Brown, professor of psychology, chairperson; William Bondeson, director of general studies; Leonard Douglas, dean of extension division; J. Donald Easton, chairman of neurology; Edward Hunvald, professor of law; Christopher Lucas, professor of education; C. V. Ross, professor of animal husbandry; E. Allen Slusher, associate professor of management; Rex Dillow, assistant director of physical plant; Jackie McClain, coordinator of affirmative action; James Oglesby, assistant provost for facilities utilization, Bonnie Zelenak, director of the learning center. Students are Ruth Rasche and John Sanders.

Tech Ed employees take first-aid, CPR training

Working amid heavy and complicated machinery is a daily activity for personnel at UMC's Technical Education Services. But in the history of the plant, no critical injuries have resulted. Employees intend to keep it that way.

Some far-sighted Tech Ed personnel have voluntarily trained themselves in first-aid techniques that will better prepare them to deal with emergencies, when and if they arise.

Sadia Groves, assistant platemaker, was the first employee to receive training in heart massage, or cardiopulmonary resuscitation (CPR) a year ago. Today Tech Ed has seven employees trained in both CPR and emergency first aid. Three others have been trained in the first-aid program alone. Two employees, Jerry Dickerson, manager of printing production, and Dale Kennedy, copy preparation specialist, are currently enrolled in the 81-

hour Emergency Medical Technician program at the University Medical Center.

Involved employees say the medical training has given them a new awareness of emergency medicine and knowledge that the first few minutes following an accident before an ambulance arrives are frequently the most crucial. Feelings of helplessness in the face of an accident have been replaced with a security in knowing what to do and a confidence that they will be able to perform.

"We take this quite seriously," commented Bobbie Schmitt, an addressograph operator. Employees who have taken the courses, particularly the CPR training, "do everything possible" to keep themselves properly trained. A manikin designed for teaching the CPR method is loaned periodically to the Tech Ed personnel by the UMC Medical Center to provide valuable practice sessions for the CPR-

trained employees.

CPR requires "a certain finesse," noted Kennedy. Learning to gauge the proper amount of pressure to the proper chest area is important. But with practice the group members retain their abilities. "If something would happen to me, I would be glad to see any of these CPRs when I opened my eyes," Kennedy said.

The employees' medical courses have led to other activities to prepare them for job-related accidents. Employees have each filled out brief medical information cards that are kept on record in the building. The information specifies, in case of emergency, which doctor and hospital the employee would prefer, who should be notified, and whether the person would object to being treated by the CPR method. Posters in the building tell employees which of their fellow workers are trained in first aid and CPR. First-aid kits are be-

ing organized.

Dickerson, Kennedy and Schmitt say their efforts toward better emergency preparedness have been helpful in creating a more unified and friendly working attitude in the building. With persons around who are familiar with basic first-aid techniques, "You feel more confident in a working situation," Dickerson said.

Actually, the Tech Ed Services management must be proud of a record virtually free of accidents, but, said Kennedy, "The law of averages is bound to catch up with us sometime."

"We're hoping all this is a complete waste of our time," said Schmitt. But they're not taking it for granted.

Editor's note: Persons interested in taking free courses in first aid may contact the American Red Cross, 1805 W. Worley St., for more information.

Librarian's goals go beyond bookshelves

If you still believe myths about timid librarians spending their evenings knitting with only a cat for company, you are in for a shock.

Librarians have changed.

Mary Lenox, new head of the school of librarianship and media center administration in the School of Library and Informational Science, sees the librarian's role as that of community activist.

Today's librarian, Lenox says, "must recognize, understand and respond to the diversity of the local community. One must be an active, integral part of it to know how to serve it. It's a new mindset."

How does she see UMC responding to this need for a new mindset?

In addition to library school courses, Lenox points out, the campus offers communication skills, psychology, sociology, organization and management, writing, English, journalism and hundreds of other courses.

"Librarians ought to have well-rounded and broad backgrounds, and also a special field of interest which will enhance their abilities to serve effectively," she says.

And her own experience is testimony to her belief. Lenox has been chairperson of Services Unlimited of the Greater Holy Temple Church of Chicago. As a member of the Chicago Urban League and

Association for the Study of Afro-American Life and History, she chaired an ad hoc committee on major events in the Chicago community. And she has been named an Outstanding Young Woman in America and an Outstanding Educator.

But she is proudest of chairing a special projects committee for Chicago's Halfway House.

"A black woman took 30 years to raise money for that home for teenage girls. I was glad to help keep it going," she says.

While Lenox insists that librarians understand the diversity of a local community, she also views the state as a "broad community" for librarians. That is one of the reasons she says she came to Missouri, and to UMC.

"I liked what I saw in Missouri — its state library linking local libraries, its bookmobiles and outreach programs to prisons and shut-ins, its work with UMC extension, in which our school cooperates, and UMC's courses and institutes. Missouri held promise for professional growth."

Before taking the position at UMC this fall, Lenox was media specialist for public schools and a faculty member of the Urban Campus, National College of Education. She has been on the faculty of Governor's State University in Illinois and directed the Educational Materials Center at Chicago State University.



Mary Lenox

Ken Whitt appointed interim OPI director

Kenneth Whitt was named interim director of the Office of Public Information Jan. 31. Whitt replaces Robert E. Kren, whose previously announced resignation becomes effective Feb. 28. Whitt, now the assistant director of the UM system information office, will begin some campus duties immediately and will assume full responsibility March 1.

Chancellor Barbara Uehling said the search for a permanent director is underway, and a search committee will be named soon to screen applications. The chancellor says she hopes to have a permanent person named by June 1.

Bookstore manager presents seminar

William H. Connor, manager of the University Bookstore and president/treasurer of the National Association of College Stores Inc. presented a seminar on the association's services and the Give-a-Book Certificate program at a two-day regional

meeting, Nov. 1 and 2, in the Cosmopolitan Hotel, Denver.

The association is a professional organization for college/university bookstores. It has more than 2,000 member stores nationally and 15 in foreign countries.

Student Life Center names new assistant

John Wayne Anderson has been named assistant director of student life/recreation and activities at UMC's Center for Student Life.

Anderson's new duties will include coordinating and implementing programs in student activities, student organization administration, crafts center, outdoor recreation, coed intramurals, travel and spirit program.

Anderson has been the assistant director of student activities and student affairs affirmative action officer at Southern Illinois University at Carbondale. Working in

various capacities, including residence hall coordinator, he has been with SIU since September 1974.

Anderson received a B.A. in Education at McKendree College in 1974 and an M.S. in education at SIU in 1976. He served as an SIU consultant at Mississippi Valley State University in 1978 and has served as the Region IX coordinator for Performing and Visual Arts Association of College Unions-International since 1977.

Committees

(continued from page 2)

Search Committee for Graduate Dean and Vice Provost for Research: C. J. Nelson, professor of agronomy, chairperson; Margaret Flynn, professor of family and community medicine; Arvarh Strickland, professor of history; Robin Remington, professor of political science; Howard Hopps, professor of pathology; William Kimel, dean of the College of Engineering; Keith Sanders, professor of journalism. Student members are C. R. Fleschner and Penny Newquist.

CAMPUS COLUMNS

(USPS 711-780)

Campus Columns is published monthly except July and August, and is published twice in September for the information of all University of Missouri employees on the Columbia campus. It is edited under the supervision of the Office of Public Information in cooperation with the Personnel and Business Offices. Contributions and information for this paper should be sent to 329 Jesse Hall.

For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

Editor: Catherine Kernen

The University of Missouri
An Equal Opportunity Institution

Service Awards



Issac Nichols
construction inspector
vice pres. for admin. affairs
20 years



Martha Williams
manager, food services
Loeb Cafeteria
20 years



Charles Pullen
asst. dir., com/info. syst.
vice pres. for admin. affairs
20 years



Josephine Houf
clerk
Student Health Service
15 years



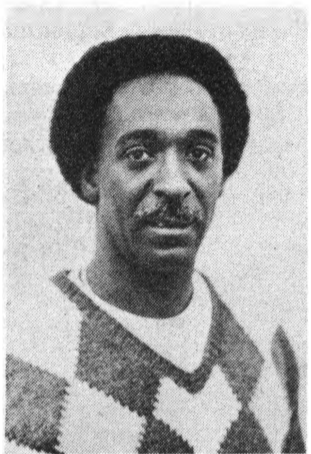
Lorene Turner
food service worker I
Pershing Cafeteria
15 years



Myrtle Olds
food service worker II
Dobbs Cafeteria
10 years



Linda Bennett
senior secretary
plant pathology
10 years



Frank West
equipment attendant
intercollegiate athletics
10 years



Hallie Colvin
chief clerk
vice pres. for admin. affairs
15 years



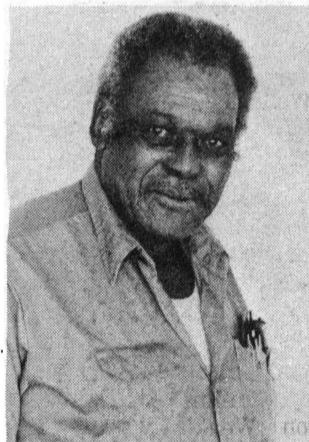
William C. Heck Jr.
manager
campaigns and spec. projects
development fund
10 years



Ruth Tatum
food service worker IV
Dobbs Cafeteria
15 years



Helen Gentsch
mail clerk
registrar and admissions
15 years



Elvis Green
janitor, dormitories
Cramer Hall
13 years



Beulah Doebbert
food service supervisor
Loeb Cafeteria
15 years



Marie Lindsey
food service worker III
Loeb Cafeteria
10 years



Donald George
supervisor
Mo. Testing and Eval. Serv.
15 years



Shirley Zaring
data entry operator
vice pres. for admin. affairs
10 years



Effie Asbury
secretary steno
special education
10 years

Welcome

Larry D. Logan, janitor, physical plant; **William M. Watson**, janitor, physical plant; **Robert E. Groves**, janitor, physical plant; **Ralph Beuer**, janitor, physical plant; **William E. Penick**, janitor, physical plant; **Paul R. Williams**, janitor, physical plant; **Earl R. Nevels**, janitor, physical plant;

Deborah L. Leech, clerk, television station; **Stephen R. Smith**, janitor, physical plant; **Randall Sheller**, senior research/lab technician, Dalton Research Center; **Connie Comstock**, computer terminal operator, provost for academic affairs; **Susan Sims**, administrative associate II, engineering dean's office;

James A. Blair, library clerk II, library; **Paula R. Holliday**, senior stenographer, education; **Robert R. Eisenberg**, dairy worker, dairy husbandry; **Carol Hogan**, secretary, agriculture dean's office; **Sandra Skinner**, secretary, chancellor's office;

Brenda J. Leckrone, secretary, agricultural biochemistry; **Thomas J. Salisbury**, assistant director, alumni activities; **Rebecca S. Taylor**, senior clerk typist, library; **Melinda Anne Marsh**, clerk typist, alumni and development management systems; **Mary M. Jobe**, clerk typist II, University extension division.

New system to update campus addresses

Employees can now change their campus mailing addresses without refiling a new W4 form, according to John Jenkins, assistant director of computer network.

Jenkins has obtained campus mailing addresses for all University employees through payroll/personnel files, printed an alphabetical list for each department and has sent it through the payroll office for distribution to departments. When the

corrected lists are returned, there will be an accurate listing of each employee and his or her campus mailing address. Jenkins expects the lists to be returned within the next 30 days.

Jenkins and Russell Cook, coordinator of special projects, devised a new form for future changes, UMca Form 40. But the responsibility for making the changes in the future will be departmental, and not individual, as it has been in the past.

Jenkins thinks that shifting the responsibility to the departments will result in greater accuracy and eliminate undeliverable campus mail.

The addresses will be verified semi-annually or quarterly, said Jenkins. "Whatever experience deems necessary." He will also create a program so that specific, separate lists for mailing labels, such as a listing by departments, can be obtained from the master list.

'Young People's Radio Festival' invites entries

Young people between the ages of 6 and 21 are being invited to enter the fifth annual "Young People's Radio Festival" conducted by radio station KBIA (91.3 FM), at UMC.

The festival offers participants an opportunity to write, direct and produce their own radio programs. These programs will be judged by professional broadcasters, critics and educators.

KBIA will judge entrants in four age categories — primary (6-10), junior (11-14), senior (15-18) and young adult (17-21). Adults may be used as actors, singers or musicians.

First, second and third place prizes of \$50, \$30 and \$20 will be awarded in each age category and winners will have their programs broadcast over KBIA. All participants will receive a free hamburger and fries from McDonald's on the UMC campus, underwriter of the contest.

Workshops for interested young people will be held at 10 a.m. and 1 p.m., Feb. 17. To register for a free workshop, call KBIA at 882-3431, or send a post-card to KBIA, 409 Jesse Hall, UMC, Columbia, Mo. 65211. Include your name, address and telephone number.

Entry blanks for the festival may be ob-

tained by writing KBIA. Guidelines on program content and recording techniques will be included with the entry blanks.

Tapes must be postmarked no later than April 2, 1979, and must be accompanied by an official entry form.

Tapes entered in the 1979 "Young People's Radio Festival" should not exceed 15 minutes in length. They may be reel-to-reel or cassette.

For more information or to arrange a workshop for your school or organization, contact Robin Armbruster, promotion manager, KBIA, at 882-3431.



Charlotte Hughes
food service worker II
Pershing Cafeteria
10 years



Donna Piltoski
bindery operator
vice pres. for admin. affairs
10 years



Mary Stone
food service worker III
intercollegiate athletics
10 years



Dorothy Gottschalk
secretary-stenographer
vice pres. for admin. affairs
15 years



Elizabeth Anderson
library clerk III
library
10 years



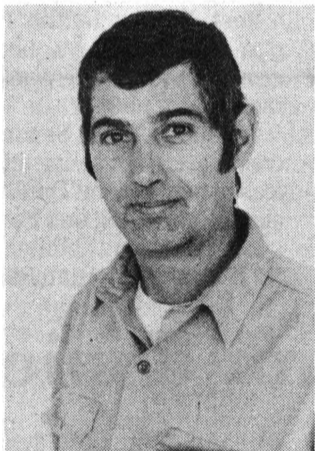
Wallace Bentley
janitor, dormitories
Laws Hall
15 years



Helen Mildred Mason
food service worker II
Brady Commons
10 years



Evelyn Clark
ticket clerk
athletic program
15 years



Charles Carter
janitor, dormitories
Johnston Hall
10 years



Meta Miller
manager, food services
Pershing Cafeteria
10 years

Promotions

James D. Bond, from janitor to power plant trainee I; **James E. Dollins**, from janitor to refrigerator mechanic apprentice; **John W. Fagan**, from power plant trainee II to water treater; **Mary Lee Fleschner**, from information specialist to senior information specialist;

Frank J. Gadusek, from research/lab technician to senior research/lab technician; **Amy A. Inskeep**, from library clerk I to library assistant I; **Bruce G. Martin**, from groundsman to groundsman II; **Jeannie L. Pirkey**, from secretary/steno-

grapher to secretary; **Mary F. Turner**, from clerk to accounting clerk; **Gardner A. VonHolt**, from computer programmer/analyst I to computer programmer/analyst II;

Kathleen D. Ward, from clerk typist II to secretary; **Mervin L. Wells Jr.**, from power plant operator to lead power plant; **Janet Sue Baxter**, from chemist to research chemist; **Mary R. Washington**, from senior clerk to supervisor of personnel records UMc.

Five-year awards

The following employees observed five-year anniversaries with the University during January or this month.

Betty Jean Sapp, cashier, fiscal operations office; **Ruth P. Mutert**, academic adviser, Arts and Science dean's office; **Gaylene Jeanette Hader**, food service worker I, dormitories; **Hubert Franklin Crane**, carpenter, building operations;

Karen Ann Cummins, receptionist II, engineering dean's office; **Kathryn Sue Baylor**, senior secretary, health service management; **Dale Nelson Christian**, carpenter, building operations; **India V. Stemmons**, auditorium attendant, building operations; **Carol Mae Slusher**, administrative associate II, cooperative extension service;

Anna Mae Evers, merchandising supervisor, University Bookstore; **Bradley Adolph Boggs**, janitor, janitors;

Smith, stenographer, agricultural economics; **Joe Donald Foley**, janitor, janitors; **Gregory Franklin Heifner**, photography and audio technician, University extension division; **Hattie Ann Gatewood**, food service worker I, dormitories;

Thomas Francis Cole, research specialist, biochemistry; **Donald L. Bezler**, assistant supervisor of custodial services, janitors; **Gary L. Taylor**, janitor, dormitories; **Mildred Marie Brautigam**, file clerk, registrar and admissions;

James Wayne Terrell, janitor, janitors; **Charles F. Rupard**, mechanical tradesman, building operations; **Stephen Lewis Gunn**, reactor service engineer, office of research; **Terry Baxter**, forensic chemist, office of research; **Janet Sue Baxter**, research chemist, office of research; **Hal H. McCord**, coordinator, management information systems, cooperative extension

service; **William Lloyd Schultheis**, auditor, vice president for administrative affairs; **Sandra Kay Wells**, fiscal assistant, State Historical Society of Missouri; **Veronica Kay Drobney**, research specialist, office of research.

The Missouri Institute of Psychiatry, a St. Louis branch of the UMC School of Medicine, has issued five-year awards to **Pat McDonnell**, research nurse, and **Rosanne Trefiletti**, secretary. Ten-year awards from the institute go to **Dee Read**, senior secretary; **Mary Sumlin**, library clerk II; and **Sharon Weakley**, administrative secretary.

Women's Center offering 'diverse, exciting' programs

Discussion of a wide variety of issues that affect women are planned for the winter semester by the UMC Women's Center, part of the Center for Student Life.

"More diverse than ever, this is the most exciting group of programs we've ever offered," Vicky Keith, center coordinator, announced.

Planned around brownbag luncheons and evening discussions, the programs are free and open to the public in Room 1 Gentry Hall.

Discussions through March for this semester are:

The Arts

Noon Feb. 12 — Film: Georgia O'Keefe — A retrospective examination of the artist's life and work.

7 p.m. Feb. 12 — Feminist Humor — A witty feminist shows that the women's movement does have a sense of humor by Kathleen Laughlin, stand-up comedienne.

7 p.m. Feb. 14 — Swedish Massage — Lecture/demonstration on the art of Swedish massage by Karen Kaupanger, co-owner, Swedish Massage Center.

Noon Feb. 15 — Film: Antonia: Portrait of the Woman — The celebrated symphony conductor talks of her love for music and

the lack of opportunities as a woman in the music world.

Finances

Noon Feb. 19 — Women and Credit — How the Equal Credit Opportunity Act affects women and their eligibility for credit by Sandra Branson, consumer loan officer, First Bank of Commerce.

7 p.m. Feb. 21 — Financial Planning for Two Career Families — Discussion of problems that arise when both partners are bread winners, exploration of money management strategies by Sandra Helmick, associate professor, UMC Family Economics.

Noon Feb. 22 — Personal Financing for Poverty Stricken Students or How to Go to College on 50¢ a Day — When your rent comes due and your checks are bouncing, is selling your blood really the only way out? Discussion by Alma J. Owen, graduate assistant, Family Economics.

Sexuality

Noon Feb. 26 — I Feel Pretty and Witty and Gay — Lesbian women discuss their life choices.

7 p.m. Feb. 28 — Making Responsible Sexual Decisions — UMC Human Sexuality Education panel explore sexual values and decisions about sexuality.

Noon March 1 — Masturbation: Myths and Facts — Discussion of an undercover topic by Louise Pietrafesa, UMC residence hall counselor.

Survival

Noon March 5 — Assertion in the Job Hunt — Learn how to apply assertion techniques in a job search by Bonnie Zelenak, director of the UMC Learning Center.

7 p.m. March 7 — Sexual Harrassment in the Classroom — Issues of sexism and harrassment in the college setting will be discussed by Vicky Keith.

Noon March 8 — Film: Rape Culture — A look at the social forces in our culture that actively produce rapists and rape victims.

Women and Men

Noon March 12 — How Many Frogs do You have to Kiss Before You Meet Prince Charming? — A look at personal patterns that affect our choice of partners by Vicky Straub, psychologist, Center for Individual and Family Counseling.

7 p.m. March 14 — Loving Through the U.S. Mail — Panel participants discuss their permanent and temporary long-term relationships.

Noon March 15 — Writing Your Own

Marriage Vows — Learn how to personalize your own marriage service by Rev. Gail Joralemon and panel.

7 p.m. March 15 — Becoming Functionally Non-sexist: For Men — Workshop for non-sexist men who still slip up by Blase Bova, UMC Women's Center Staff; Manny Brandt, prevention director, The Front Door; and Phillip Harris, psychologist, Fulton State Hospital.

Women's Experience

Noon March 19 — Psychological Effects of Birth Control — Examination of emotional side effects of various forms of contraception by Dorothy Rodgers, gynecologist, UMC Student Health Services.

7 p.m. March 21 — Coping with Breast Cancer — Panel discussion of emotional and physical trauma related to breast cancer, including family reactions by Reach to Recovery volunteers, American Cancer Society.

Noon March 22 — The Curse: A Cultural History of Menstruation — Taboos, myths, rituals, symbolism and the overall influence of the menstrual cycle on women, men and society by Carla Myer, education director, Planned Parenthood of Central Missouri; and Margie Sabel, coordinator, Reproductive Health Service.

Preliminary designs okayed for four projects

Four UMC capital improvement projects moved one step nearer construction Jan. 19 when preliminary design plans were approved by the University's Board of Curators.

Plans for additions to the Animal Science Research Building and KOMU-TV were approved, along with the designs for a system-wide library storage facility and a redevelopment of the arts and science mall.

The addition to the Animal Science Research Building, located on Ashland Gravel Road, would be a one-story structure containing about 22,000 square feet. The center's original plan, developed more than 10 years ago, calls for five more units to complete the facility as money becomes available, according to Bill Pfander, associate dean of research in the College of Agriculture. This year's planned addition will help UMC meet federal requirements for holding rooms to be used in animal research.

Space in the facility would be assigned to

faculty in the UMC College of Agriculture and other disciplines who would use laboratory animals in research of nutrition, genetics, physiology, endocrinology, toxicology and related areas.

If state appropriations are approved, construction would probably begin this fall. Construction would require 15-18 months. The request for the \$2,314,800 to complete the project is currently before the General Assembly. Architect for the addition is Peckham, Guyton, Albers and Viets Inc., of Kansas City.

KOMU-TV's planned addition may begin by late spring if no delays are encountered in the final steps before construction.

The television station is badly in need of the extra space, said Tom Gray, KOMU-TV general manager. The station is located in the same plant it has occupied since 1952. Meanwhile, its student load has more than tripled in the last four or five years.

The addition would add 4,100 square feet to the station, located south of Columbia.

The added space would concentrate newsroom facilities into one area to increase efficiency and relieve crowding.

To be built on the north side of the existing building, the one-story addition would provide work stations for news personnel, a conference room, a critique room, and editing and audio rooms. There also would be a videotape room and related workshop and mechanical equipment.

The project is expected to cost \$257,300 and will be financed by station funds. Architect for the work is Solomon, Claybaugh, Young, Architects Inc., of Kansas City.

Construction is not so foreseeable for the proposed library storage facility, a three-story structure that would be built south of Ellis Library along Conley Avenue. The \$3,940,000 appropriation requested by UM for the facility was not included in Office of Administration's budget proposal submitted to the Governor.

The proposed building would be used

mainly for storage of lesser-used books to free up space in campus libraries. The current library storage facility for UMC is located on South Ninth Street and contains about 250,000 volumes.

Planned improvements to the arts and science mall include the installation of planters and benches, landscaping, the installation of wheelchair ramps at the sidewalk bordering Rollins Street and raising the ground area about six feet at the south end to make the entire area level.

Money to finance the \$196,000 project comes from a portion of student activity fees paid by all UMC students.

The mall originally was designed in the late 1950s when UMC had about 11,000 students, explained Bill Summers, UM system landscape architect. Now UMC has more than 23,000 students and new buildings have made the mall area the pedestrian center of the campus.

Final design plans are to be presented to the board in February and construction bids should be requested in March.

Energy lectures open to staff

Energy-conscious faculty and staff have been invited to sit in on any or all lectures for the course, "Perspectives of Energy," being offered this semester under the School of Forestry, Fisheries and Wildlife.

The two-credit-hour, team-taught course is designed to give an overview of major energy issues. Classes are held from 9:40-10:30 a.m. Tuesdays and Thursdays in Room 13 Tucker Hall.

Truman Storvick, professor of chemical engineering, will discuss usage of fossil fuels during the classes he conducts from Feb. 6 through Feb. 20.

Among the topics to be covered are the availability of fossil fuels, economic factors involved, the conversion of coal to other fuel forms, and the role of fossil fuels in the next four to five decades of energy consumption.

Bill Miller, assistant professor of nuclear engineering, plans to discuss aspects of nuclear energy during course lectures from Feb. 22 through March 6.

The Feb. 22 lecture will deal with nuclear systems. Safety and environmental perspectives of nuclear energy will be discussed on Feb. 27 and March 1. On March 6 Miller will give an analysis of risks versus benefits of nuclear energy, as compared to other energy resources.

For details of other topics to be covered in the course, call Jim Pastoret at 882-4227.

Financial aid booth

A booth in Brady Commons will offer several days of help to students interested in applying for financial aid for the 1979-80 school year. George Brooks, financial aids director, and other members of his staff will man the booth from 10:30 a.m. to 2 p.m. Feb. 13, 14 and 15.

Information also will be available on work-study eligibility for this semester and on general questions about financial aid and student employment.



EMPLOYEE ASSISTANCE PROGRAM

A program for faculty and staff

is a confidential referral service for all employees and their families who are seeking solutions to persistent personal or work-related problems.

TAKE ACTION . . . Call 882-6701
UMC Employee Assistance Program
215 Columbia Professional Building

Women's Center is sponsoring free skill development groups

There is still time to register for several skills development groups at the UMC Women's Center.

"The discussion groups give men and women a chance to get together for different perspectives, get some support and help each other explore issues of concern to them," Vicki Campbell, group coordinator says.

To pre-register for the following free programs, visit the center at 1 Gentry Hall or call 882-6621:

Men's Consciousness Raising — 7-9 p.m., Mondays, beginning Feb. 12. Sexist role expectations of the male will be discussed in a structured group setting. Particular reference will be made to issues covered

by Herb Goldberg in the book "The Hazards of Being Male: The Myth of Masculine Privilege."

Group Leaders: Andy Schauer, doctoral candidate, Counseling and Personnel Services; and Phillip W. Harris, Clinical Psychologist.

Best Wishes to the Graduate? — 4-6 p.m., 6 Wednesdays, beginning Feb. 7. A group of graduating women will talk about their future plans.

Group Leaders: Sandra Olson, doctoral candidate, Counseling and Personnel Services; and Suzanne Dunlap, research associate, Counseling and Personnel Services.

Rediscovering Women in the Bible and Viewing the Christian Faith Through Their

Stories. To sign up for this group, call the Rev. Gail Joralemon, program director, Ecumenical Ministry before noon at 442-8011. The group will offer an exploration of women in the Bible and of the persistent question, "Is it possible to be a feminist and a Christian?"

Women and Spirituality #4: Theologizing Toward Wholeness. To sign up for this group, call the Rev. Gail Joralemon before noon at 442-8011.

The group will individually and collectively investigate their theological affirmations, the sources of doubts and questions and the influences of their womanhood on their spirituality.

Radio program depicts black experience

The UMC Black Studies program, in conjunction with radio station KOPN-FM, is sponsoring a "Black Studies Hour" at 8 p.m. Tuesdays. Carolyn Dorsey, UMC program coordinator, characterized the programs as providing the listener with a view of the black experience in the U.S.

Educators and students from UMC, Stephens College and the Columbia School District will participate in the semester-long project with the assistance of William Wax, KOPN program director.

Dates, topics and participants are:

Feb. 6 — Blacks and Business — William McPhatter of the UMC School of Journalism.

Feb. 13 — Blacks and Politics — Loretta

Williams of the UMC department of sociology.

Feb. 20 — Protest Groups — UMC student Donna Holliday and Arvarh Strickland of the UMC history department.

Feb. 27 — Black Youth Unemployment — UMC sociologist Williams.

March 6 — Blacks in Films — George Fasel of the UMC history department.

March 13 — Discussion of Roots II — historian Strickland.

March 20 — Education: Public Schools — sociologist Williams, Muriel Battle of West Junior High School and Eliot Battle of the Columbia School District Pupil Personnel Services.

March 27 — Education: Higher — UMC

Paine Lectures in Religion planned

Three distinguished scholars are scheduled to present the third annual Rufus Monroe Paine and Sofie Hougard Paine Lectures in Religion series in February. Series theme is "Visions of the End."

Lectures begin at 7:30 p.m. in the Art and Archaeology Museum auditorium in Pickard Hall.

Paine lecturers are:

—Ernest Sandeen, McAlister College professor of history, who will discuss "End Games: Expectations of Cataclysms in 20th Century Popular Culture," Feb. 14.

—Christopher Mooney, assistant dean of the University of Pennsylvania School of Law, speaking on "Survival of Planet Earth: Thoughts in the Vein of Teilhard de

Chardin," Feb. 21.

—Paul D. Hanson of Harvard Divinity. He'll lecture on "At the Edge of the Abyss: The Vision of Biblical Apocalypticism," Feb. 28.

The lecture series was established in 1975 through the will of the late Catherine Paine Middlebush as a memorial to her parents. Mrs. Middlebush was the widow of Frederick A. Middlebush, University president from 1935-54.

Speakers were selected through a subcommittee of the College of Arts and Science Religious Studies Committee. Members are W. Whitney Hicks, professor of economics, chairman; Robert Barth S.J., professor of English; and Dale Patrick of the Missouri School of Religion.

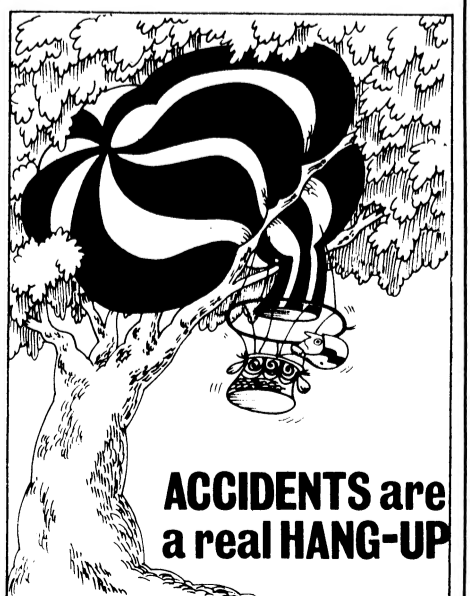
Vice Chancellor Walter Daniel.

April 3 — Issues of the Black Community — Gene Robertson of the UMC department of regional and community affairs.

April 10 — Black Cultural Expressions — Edward Mullen of the UMC department of Romance languages.

April 17 — Wrap Up: Where Is Black America Headed? — Journalist McPhatter will facilitate a discussion with prior participants.

Safety Views



Calendar of Events

ACADEMIC SCHEDULE

Mar. 30: Staff holiday.

ATHLETIC EVENTS

Feb. 14: Basketball: Colorado vs. Missouri. 7:35 p.m., Hearnes Multipurpose Building, \$3 & \$2 public; \$2 & \$1 students.

Feb. 24: Basketball: Iowa State vs. Missouri. 7:35 p.m., Hearnes Multipurpose Building, \$3 & \$2 public; \$2 & \$1 students.

CONCERTS, PLAYS

Feb. 2-10: Studio Theatre Production "The Lady's Not for Burning," 7:30 p.m., Gentry Hall Theatre. Tickets are 50 cents.

Feb. 9: University Chamber Music Series: Beaux Arts Trio, 8:15 p.m., Jesse Auditorium. Tickets \$3 students, \$5 public.

Feb. 11: University Collegium Musicum, Andrew Minor, conductor. 3:30 p.m. in the Fine Arts Recital Hall.

Feb. 14-17: Main Stage Production: The Mousetrap, 7:30 p.m., Fine Arts Theatre. Tickets are \$1.50 students, \$3 public. Available at the Fine Arts Theatre box office, 3-5 p.m. Mon.-Fri. of production week and one hour before performances.

Feb. 16: Faculty Recital Series: Richard Hills, clarinet, 8:15 p.m., Fine Arts Recital Hall. Free.

Feb. 17: Guest Artist Series: Jacqueline Ivanoff, soprano, 8:15 p.m., First Presbyterian Church.

Feb. 18: Main Stage Production: The Mousetrap, 2:30 p.m., Fine Arts Theatre. Tickets are \$1.50 students, \$3 public. Available at the Fine Arts Theatre box office, 3-5 p.m., Mon.-Fri. of production week and one hour before performances.

Feb. 18: Faculty Recital Series: Steven Geibel, flute, 3 p.m., Fine Arts Recital Hall. Free.

Feb. 18: Special Event: Joffrey II Ballet, 8:15 p.m., Jesse Auditorium. For information, call 882-3875.

Feb. 19: Faculty Recital Series: Virginia Pyle, mezzo-soprano, 8:15 p.m., Fine Arts Recital Hall. Free.

Feb. 22-24: Studio Theatre Production "The Comedy of Errors," 7:30 p.m., Gentry Hall Theatre. Tickets are 50 cents.

Feb. 23: Faculty Recital Series: Barbara Wood, bassoon, 8:15 p.m., Fine Arts Recital Hall. Free.

Feb. 25: UMC Philharmonic, Hugo Vianello, guest conductor with Eva Szekely, violin soloist, 3 p.m., Jesse Auditorium.

Mar. 1: University Chamber Music Series: Tokyo quartet, 8:15 p.m., Jesse Auditorium. Tickets \$3 students, \$5 public.

Mar. 2: Faculty Recital Series: Alexander Pickard, trumpet, 8:15 p.m., Fine Arts Recital Hall. Free.

Mar. 4: University Symphonic Band, Charles Emmons, conductor, 3 p.m., Jesse Auditorium.

Mar. 5: Student Composers Symposium, Thomas McKenney and John Cheetham, directors. 8:15 p.m., Fine Arts Recital Hall. Free.

Mar. 7-10: Studio Theatre Production "The Rimers of Eldrich," 7:30 p.m., Gentry Hall Theatre. Tickets are 50 cents.

Mar. 7: Phi Mu Alpha-Sigma Alpha Iota Concert, 8:15 p.m., Fine Arts Recital Hall. Free.

Mar. 9: Faculty Recital Series: Carolyn Kenneson, viola, 8:15 p.m., Fine Arts Recital Hall. Free.

DEADLINES, OTHER EVENTS

Feb. 11: Nutrition Emphasis Week.

Feb. 17: International Night II, 8 p.m., Jesse Auditorium. Free.

Mar. 16-18: Monte Carlo Circus, Hearnes Multipurpose Building.

FILMS, EXHIBITS

Feb. 9: MSA Movie: "Girl Friends" at 7 & 9:30 p.m. in Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Feb. 9: Astronomical Film of the Week: "The Flaming Sky," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Feb. 10: MSA Movie: "Close Encounters" at 7 & 9:30 p.m. in Jesse Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Feb. 11-Mar. 7: Annual Graduate Students' Art Exhibit Mon.-Fri.: 9 a.m.-3 p.m.; Sat.: 2:30-4:30 p.m., in the Fine Arts Gallery. Free.

Feb. 11: MSA Free Film: "Singing in the Rain" at 8 p.m. in Jesse Auditorium.

Feb. 11: University Film: "The Eternal Return," 8 p.m., Ellis Library Auditorium. Free.

Feb. 14: MSA Free Film: "From Here to Eternity" at 8 p.m. in Middlebush Auditorium. Free.

Feb. 15: Film: "Antonia: Portrait of the Woman," noon, 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Feb. 15: University Film: "The American Friend," 8 p.m., Ellis Library Auditorium. Free.

Feb. 16: MSA Movie: "American Graffiti" at 7 & 9:30 p.m. in Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.



The University Chamber Music Series will feature the Beaux Arts Trio at 8:15 p.m. Feb. 9 in Jesse Auditorium. Members of the trio are Menahem Pressler, piano; Isidore Cohen, violin and Bernard Greenhouse, cello. Tickets, \$3 for students and \$5 for adults available at the Jesse Auditorium ticket window from 10 a.m.-4 p.m., Feb. 8-9 and at 7:15 the evening of the performance.

Feb. 16: Astronomical Film of the Week: "The Active Sun," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Feb. 23: Astronomical Film of the Week: "The Star is Falling," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Feb. 17: MSA Movie: "The End" at 7 & 9:30 p.m. in Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Feb. 17: "Mash" at midnight.

Feb. 18: MSA Free Film: "Bingo Long . . ." at 8 p.m. in Middlebush Auditorium. Free.

Feb. 18: University Film: "Mother," 8 p.m., Ellis Library Auditorium. Free.

Feb. 21: MSA Free Film: "That's Entertainment" at 8 p.m. in Jesse Auditorium.

Feb. 22: University Film: "Shop on Main Street," 8 p.m., Ellis Library Auditorium. Free.

Feb. 23: MSA Movie: "Cabaret" at 7 & 9:30 p.m. at Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Feb. 24: MSA Movie: "Revenge of the Pink Panther" at 7 & 9:30 p.m. in Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Feb. 25: MSA Free Film: "Philadelphia Story" at 8 p.m. in Middlebush Auditorium.

Feb. 25: University Film: "Boudu Saved From Drowning," 8 p.m., Ellis Library Auditorium. Free.

Feb. 28: MSA Free Film: "Autobiography of Miss Jane Pittman" at 8 p.m. in Jesse Auditorium.

Mar. 1: University Film: "A Doll's House," 8 p.m., Ellis Library Auditorium. Free.

Mar. 2: MSA Movie: "Three Musketeers" at 7 & 9:30 p.m. in Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Mar. 2: Astronomical Film of the Week: "Solar Eclipse 1973," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Mar. 3: MSA Movie: "Four Musketeers" at 7 & 9:30 p.m. in Middlebush Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

Mar. 4: MSA Free Film: "From Russia With Love" at 8 p.m. in Jesse Auditorium. Free.

Mar. 4: University Film: "Teorema," 8 p.m., Ellis Library Auditorium. Free.

Mar. 7-30: Art Exhibit: Regional High School Senior Exhibition, Mon.-Fri. 9 a.m.-3 p.m.; Sat. 2:30-4:30 p.m. in the Fine Arts Gallery. Free.

Mar. 7: MSA Free Film: "Marie" & "39 Steps" at 8 p.m. in Jesse Auditorium. Free.

LECTURERS, SPEAKERS

Feb. 12: Professor Eleanor Guralnick of the University of California-Riverside, "Egypt and Greece during the 7th and 6th Centuries BC," 8 p.m., Pickard Hall Auditorium. Free.

Feb. 12: Feminist Humor, Kathleen Laughlin, standup commedienne, 7 p.m., 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Feb. 13: "Nuclear Waste Disposal Practices in the U.S." Walter Meyer, UMC chairman of nuclear engineering, 7:30 p.m., Room S-203 Memorial Union. Free. Coffee and refreshments will be served. For more information call 882-3610.

Feb. 14: Paine Lecture in Religion: Ernest Sandeen, McAlister College professor of history, "End Games: Expectation of Cataclysms in 20th Century Popular Culture," 7:30 p.m., Art & Archaeology Museum auditorium in Pickard Hall.

Feb. 14: Swedish Massage demonstration by Karen Kaupanger, Co-owner of Swedish Massage Center, 7 p.m. in 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Feb. 19: English Lecture Series: "Samuel Johnson and the Abominable Fancy," William Holtz, UMC professor of English, 8 p.m. in the Small Ballroom (N214-215), Memorial Union. Coffee at 7:30. Free. Supported by UMC Development Fund.

Feb. 19: "Women and Credit," Sandra Branson, consumer loan officer, First Bank of Commerce, noon, 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Feb. 21: Paine Lecture in Religion: Christopher Mooney, assistant dean of the University of Pennsylvania School of Law, "Survival of Planet Earth: Thoughts in the Vein of Teilhard de Chardin," 7:30 p.m., Art & Archaeology Museum auditorium in Pickard Hall.

Feb. 21: "Financial Planning for Two Career Families," Sandra Helmick, UMC associate professor of family economics, 7 p.m., 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Feb. 22: "Personal Financing for Poverty Stricken Students or How to Go to College on 50 Cents a Day," Alma J. Owen, graduate assistant, family economics, noon, 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Feb. 26: "I Feel Pretty and Witty and Gay," Lesbian women discuss their life choices, noon, 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Feb. 28: Paine Lecture in Religion: Paul D. Hanson, Harvard Divinity School, "At the Edge of the Abyss: The Vision of Biblical Apocalypticism," 7:30 p.m., Art & Archaeology Museum auditorium in Pickard Hall.

Feb. 28: "Making Responsible Sexual Decisions," "UMC Human Sexuality Education Panel, 7 p.m., 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Mar. 1: "Masturbation: Myths and Facts," Louise Pietrafesa, UMC Residence Hall Counselor, noon, 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Feb. 5: "Assertion in the Job Hunt," Bonnie Zelenak, UMC Learning Center, noon, 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Mar. 7: "Sexual Harrassment in the Classroom," Vicky Keith, coordinator, UMC Women's Center, 7 p.m., 1 Gentry Hall. Free. Sponsored by UMC Women's Center.

Mar. 8: ITT Key Issues Lecture Series, "The How and Why of the Business Story," Isadore Barmash, business and finance reporter, The New York Times, 3:30 p.m., Memorial Union Auditorium.



The attrition rate for first- and second-year undergraduates at UMC is 6 percent higher than the national average.

Better advising, counseling would cut student attrition

Greater emphasis on academic advising, better counseling and improved faculty relations are recommended changes that would cut the number of students leaving UMC in their first two years as undergraduates, according to a recent study.

Blake Danuser, assistant director of admissions at UMC, made the recommendations in his doctoral dissertation, which probed the high rate of attrition for students in their first two years at UMC. Danuser found that UMC's attrition rate for these undergraduates is 6 percent higher than the national average, although the figure drops considerably for students in their junior and senior years.

Of the 241 students who responded to the questionnaire, 79 left voluntarily and 59 were academically dismissed. They indicated academic advising as the area most in need of change. Other areas were, in order, faculty attitudes toward students, amount of teacher contact, cost, counseling/guidance and quality of teacher contact.

Faculty and staff need to be made aware of the attrition statistics, Danuser said. Most students need encouragement from a faculty or staff member, Danuser said. He suggested meetings to spread this awareness and aid in changing attitudes.

Students who left voluntarily were more often female (59 percent), married (60 percent), white (97 percent), Missouri residents (89 percent), graduates of large high schools (81 percent), enrolled in Arts and Science (59 percent), and had a grade point average of 1.80 to 2.99 on a 4.0 scale (77 percent).

Dissatisfaction with, or uncertainty of a major, and not having enough money to continue were reasons why these students left. A number also said they were dissatisfied with the intellectual quality of their peers and with enrollment size.

Students who were academically dismissed because they had a grade point average below 1.79 were typically male (69 percent), married (59 percent), white (96 percent), Missouri residents (94 percent), graduates of large high schools (81 percent), and enrolled in Arts and Science (38 percent).

Slightly more than one-quarter of these students had grade point averages below .99 (28 percent). They listed poor study habits, uncertainty of a major and not enough money to continue as reasons for leaving, in addition to poor grades.

Arts and Science enrolled almost half of the total respondents said Danuser. Education was next, then Agriculture and Home Economics. Minority students were 2.9 percent of the total respondents.

A total of 93 students said that they would continue their education. Seven students who were dismissed and nine who left voluntarily said that they would return to UMC.

Smaller classes, improved landscaping and parking, friendlier staff and an emphasis on how to think are suggestions the students added to the questionnaire.

Most of the students put the responsibility for their decision to leave on themselves or shared it equally with the University. Only three students blamed the University entirely.

Story and photograph
by OPI Intern Pat Russo.

Announcements

University Theatre

University Theatre will present the mystery melodrama, *The Mousetrap*, by Agatha Christie from Feb. 14 through Feb. 17 at 7:30 p.m. at the Fine Arts Centre. A matinee will be held 2:30 p.m. Feb. 18. All seats are reserved.

The University Theatre box office will open weekday afternoons from 3 to 5 p.m. beginning Feb. 12. Admission is \$3 for general public; \$1.50 for students.

The Mousetrap is the longest running play in the world. It has continually played to packed London audiences since 1952.

Further information is available from the Theatre box office, 882-2021.

About electric cars

Elton J. Cairns, who led General Motors' development work on electric car batteries from 1973 to 1978, will speak on "Electric Cars: Energy Aspects and Contributions to Energy Independence" at 3:45 p.m. Feb. 16 in the Electrical Engineering Auditorium. The lecture is part of the Croft Lecture in Engineering, an annual observance during National Engineers' Week, Feb. 18-24.

The lecture will cover the electric car's role in petroleum conservation and U.S. energy independence and design considerations for a practical battery, the key to future widespread use of electric cars.

Licking heart disease

"Help Lick Heart Disease" is the theme Alpha Phi sorority at UMC is using for its Heart Month lollipop sales to benefit the department of cardiology at the Medical Center.

Alpha Phi campus members and local alumnae are selling the lollipops through February. Proceeds will be divided between the cardiology department and the

American Heart Association, according to Co-Chairman Valerie Lawlor.

The red lollipops will be available from local retail outlets for a 20-cent minimum donation.

'Madame Butterfly'

"Madame Butterfly" will be broadcast live from the stage of the Metropolitan Opera House in New York City at 1 p.m. Saturday, Feb. 10 on KBIA radio and the Texaco-Metropolitan Opera Radio Network.

Singing principal roles will be soprano Teresa Zylis-Gara, mezzo-soprano Shirley Love, tenor John Alexander, and baritone Allan Monk. Richard Weitach will conduct.

Couples enrichment

A Couples Enrichment Group sponsored by the UMC Counseling Services will begin at 7 p.m., Feb. 19, in 302 Parker Hall. The group will meet each Monday for 6-8 weeks.

To register for the free course, call Counseling Services at 882-7078 by Feb. 9. A pre-group interview is required.

The purpose of the group is to enhance communication skills, broaden the emotional and sexual lives of couples and reinforce the existing strengths in the relationship.

Children's poets

Three of America's best known poets for young people will speak at the fifth annual Oral Tradition Workshop Feb. 23-24 at UMC's Hearnes Multi-Purpose Building.

Poets Arnold Adoff, Myra Cohn Livingston and Eve Merriam will hold large- and small-group sessions on using poetry with youngsters. Columbia school teacher Tom Prater will discuss poetry in the classroom.

The workshop is sponsored by the Missouri Library Association and the UMC College of Education and is partially funded through a grant from the Missouri Arts Council.

Workshop fee is \$21. Members of the Missouri Library Association will receive a \$1 discount.

Additional workshop information is available by contacting Dr. Sarah Hulett, 344 Hearnes Building.

Speed reading

The UMC Learning Center, 304 Watson Place, will sponsor short courses in speed reading this semester. The course covers rapid reading, efficient studying, skimming and comprehension strategies.

The free short courses, open to Uni-

versity faculty, staff and students, begin Tuesday, Feb. 27. For registration and scheduling information, call 882-2494.

Academic calendar

Faculty and staff may want to mark these dates to remember on their calendars.

Pre-registration for the fall 1979 semester is March 19-23. Spring recess begins at 12:30 p.m., March 24 and extends to April 2. March 30 will be a staff holiday.

Classes end at 5:30 p.m., May 2, with stop day May 3. Final examinations week extends from May 4-11. Annual commencement will be May 12.

Employees will observe Monday, May 28, Memorial Day, and Wednesday, July 4 as holidays.

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Staff council assigns members to sub-committees

Three members of the Employees' Staff Advisory Council have been named to help interview candidates for the position of vice chancellor for administrative services, following an invitation from Chancellor Barbara Uehling to participate in the selection process.

Serving in this role will be council president Steve Cox, Libby Miederhoff and Kee Groshong.

In other business at a Feb. 21 meeting, Cox appointed four sub-committees. The committees and members are as follows: **Organization** — Kee Groshong, chairman;

Richard Lewis, Cliff Manlove, Libby Miederhoff and Fannie McBride. **Recognition** — Fannie McBride, chairperson; Alan Jones, Jerry Nichols and Keener Tippin. **Compensation and Staff Benefits** — Libby Miederhoff, chairperson; Jerry Nichols, Joy Ingersoll and Kee Groshong. **Communications** — Charity Flack, chairperson; Cliff Manlove, Brenda Proctor, Mary Miller and Alan Jones.

Chancellor Uehling briefed the council on the University's appropriations request in the legislature and answered questions

about the various salary and wage guidelines being considered. She also responded to questions about a letter which circulated in the Medical Center which proposed changes in vacation and sick leave policies. She said the intent of the letter was to solicit ideas and that no decisions have been made.

The council also discussed with Ken Whitt, interim director of public information, how to handle future council communications with other staff. The council agreed to invite Campus Columns editor Cathy Kernen to all future meetings

so that she could assist the communications subcommittee in summarizing minutes and preparing news articles.

The council also heard reports from vice chairman Garf Thomas on discussions held by the Resource Management Council on next year's salary and wage guidelines, and from recorder Pat Ives on the recent UMC rap session with members of the Board of Curators and President James C. Olson.

The next meeting of the council is scheduled March 27.

Jackie McClain appointed to manage staff relations

Jackie McClain, UMC coordinator of affirmative action, was appointed manager of staff relations and affirmative action for the University of Missouri system March 1. McClain will be responsible for coordinating assistance in the two areas for all four UM campuses and central administration. She will report directly to R. Kenneth Hutchinson, UM assistant vice president for personnel services and staff relations.

McClain, who has been at UMC since April 1978, holds a juris doctorate from the University of Kansas School of Law. She is a graduate of UMKC, where she earned a bachelor's degree in zoology in 1967.

In her new position, along with coordinating responsibilities, McClain will research and recommend appropriate personnel, staff relations and affirmative action policies to the UM system central administration. In addition, she will assist with the processing of grievances and discrimination complaints.

Prior to coming to UMC, McClain served as a teaching assistant and a technical assistant in the area of labor relations at KU.

In 1978, she was selected as one of the Outstanding Young Women of America (Kansas). Currently, she is a nominee for Who's Who in American Law.

campus columns

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 10, No. 8

Wednesday, March 8, 1979

Medical plan to be modified

All employees enrolled in the University's medical benefits plan will now receive maternity benefits in compliance with an amendment to Title VII of the Civil Rights Act of 1964.

Effective April 29, pregnancy will be treated as an illness under the Act. Companies having a medical plan enrolling 15 or more employees are required to provide full medical coverage for pregnancy, and they must allow use of sick leave for maternity purposes.

Monthly deductions for the University plan have increased slightly to comply with the ruling.

Previously, the University plan paid \$300 in maternity benefits to those participating under the \$50 deductible option and enrolling as employee and spouse. Under the new plan, the first \$500 of inpatient hospital costs and 80 percent of further charges will be paid. All employees are now covered, regardless of whether they select the \$50 or \$200 deductible option. Single female employees are now covered for maternity benefits.

The plan also pays for abortions if the life of the mother is endangered.

The University's sick leave policy was already in compliance with the new ruling.

Volunteers needed

John Bauer, assistant professor of medicine in nephrology, is searching for 30 volunteers to participate in a clinical research project to study hypertension (high blood pressure). The study will compare hypertensives to normal subjects.

Volunteers should be male, over the age of 35 and in excellent health with normal blood pressure, and able to spend five days in the Clinical Research Center at the UMC Medical Center. Volunteers will be paid \$100.

Bauer is researching the relationship between renin, a hormone occurring naturally in human bodies, and body fluid to explain how hypertension develops. For more information, call Ms. Magliola at 443-2511, ext. 6631.

Chancellor's festival slated April 3-10

The Chancellor's Third Annual Festival of Music features a week of special events:

Issac Stern, 8:15 p.m. Tuesday, April 3, Jesse Auditorium. Students \$3, general admission \$5.

St. Louis Symphony Children's Concert, 2:30 p.m., Friday, April 6, Jesse Auditorium. Children 50 cents; adults accompanied by a child, \$1.

St. Louis Symphony Orchestra Concert, 8:15 p.m., Friday, April 6, Jesse Auditorium. Students \$3, general admission \$5.

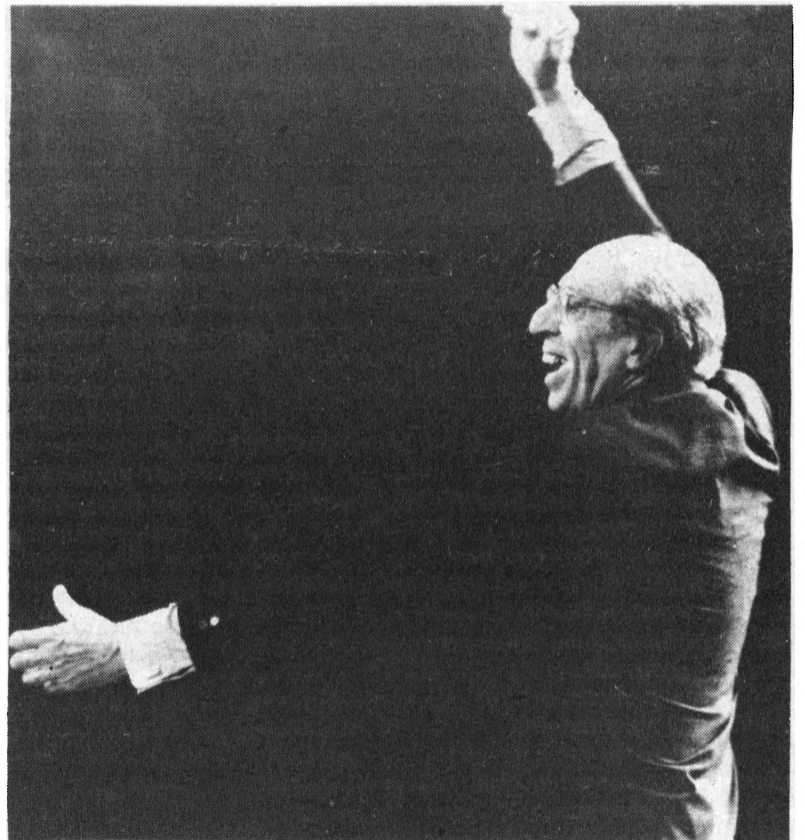
Beethoven's Symphony No. 9 in D minor with the St. Louis Symphony Orchestra, the University Choral Union and guest soloists, 3 p.m., Sunday, April 8, Jesse Auditorium. A scholarship benefit performance: students \$1.50, general admission, \$3.

UMC Philharmonic with Aaron Copland, guest conductor, 8:15 p.m., Tuesday, April 10, Jesse Auditorium. A scholarship benefit performance: students \$1.50, general public, \$3.

A conversation with Aaron Copland, 10 a.m., Wednesday, April 11, Fine Arts Recital Hall.

Missouri Contemporary Music Competition Concert, 8:15 p.m., Fine Arts Recital Hall, Wednesday, April 11. Admission is free.

The Jesse Auditorium ticket window will be open 10 a.m. to 4 p.m., Monday through Friday, March 19-23 and April 2-10. For further information on these events, call 882-3650.



Aaron Copland



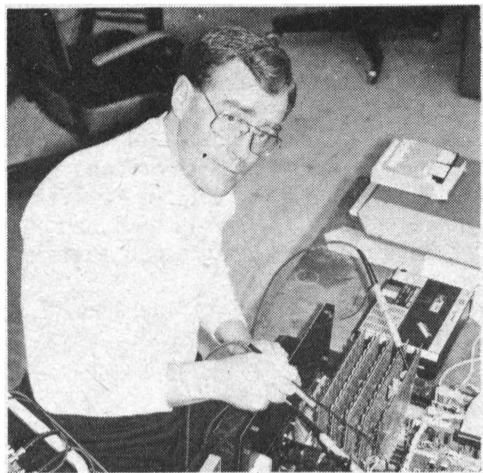
Isaac Stern



Beethoven

Campus Columns salutes

Mark Hulse and the Electronics Instruments Lab



Mark Hulse

If you ask Mark Hulse what attracted him to electronics, he's liable to tell you he liked the flashing lights and buzzers. And if you ask his crew to explain their work, one man will likely begin by telling you about sensitive calibration instruments—and then, with a straight face, hold up a monkey wrench as an example.

As a group, the employees in UMC's electronics instrument shop are a witty, zany bunch, who laugh easily and often. Getting them to pose for a serious picture is nearly impossible.

But the work they do is serious stuff, and the money they save the University is substantial.

The Electronics Instrument Lab with Mark Hulse, Bryan Fitzpatrick, Bill Bennett, Russ Ethington and Maryann Wiecek charges a whopping \$8 an hour to fix malfunctioning research equipment. The going commercial rate ranges from \$25 to \$60 an hour, with a possible \$250 for a service call.

Amazingly, with its parsimonious rates, the lab is able to largely support itself, and keeps costs low for the research departments it serves. An added bonus is that there is no travel time charged to campus researchers—a standard practice of commercial firms.

The lab, located in the basement of the Physics Building, offers the services of electronics experts for design, development and construction of electronic equipment and for the maintenance of the University machinery—both of recent origin and ancient vintage.

Supervisor Mark Hulse has worked for the University 17 years, except for one year's leave of absence to help start up a computer company. To say he is creative is an understatement.

Hulse designed and built fetal EKG equipment for the University before it was available on the market. Hulse's wife was pregnant at the time, and he used his own baby as a signal source to test the instruments. Some of the original equipment is still in use.

He delights in experimenting with Hal-the-computer-type machines. Some years ago, when the geology department used an old IBM computer to collect data from an X-ray apparatus, Hulse rigged up a telephone linkage to call the professor at home when the program had finished running. To keep things interesting, he recorded a secretary's sexy voice to deliver the message. One night the professor was out, and a startled babysitter picked up the phone to discover the insistent urging of a breathy voice telling her that she should come into work.

With the volume of research at UMC, Hulse has been asked to design some strange instruments. "We did the equipment for an aorta rupture experiment for Dr. Dale of the Vet School some years back," Hulse says, "where we mounted little back packs on turkeys with little radio antennas to record their EKGs. It was wild to see those turkeys rushing about, with what looked like CB radios on their backs."

In the early 60s, Dr. Premach, a professor of psychology, and Dr. Schwartz of the English department teamed to do a research project in communicating with animals. "Our shop and the Science Instruments Shop made a mechanical apparatus that produced various sounds," Hulse explains. "Schwartz invented a language and they tried to teach chimps to speak. Recently, an article in *National Geographic* told about an ape learning a language, and cited Dr. Premach's pioneering work as being instrumental in their effort."

Hulse is currently working for campus safety coordinator Louis Holroyd on a portable fire security alert system for buildings, using existing telephone equipment. If a sensor detects fire or smoke, a watchman will be notified.

Another of his projects is an automatic temperature control unit for an agronomy greenhouse, which is the first stage of a project to link the climate control functions to a computer. Eventually, the link-up will open and close windows, turn the steam on and off, print up messages, and even call the researcher at home if there is a catastrophe.

Much of the equipment Hulse has supervised in his 17 years is still going strong, like the growth chamber he built in 1963 for the agronomy department. It is still in use, despite the hot and damp environment in which it functions.

Many projects require a group effort, and Hulse praises his employees' efforts. "The work just wouldn't get done without the expertise of the people in the shop," Hulse says. "I'm extremely pleased and proud of them. We all work closely together — we call it a group



Human components of the lab, from left: Bill Bennett, Russ Ethington, Mark Hulse, Bryan Fitzpatrick and Maryann Wiecek.

grope."

Hulse has other talents too. Off the job, he specializes in 30s and 40s and ragtime music on the banjo and trombone, with his wife accompanying on piano. He has a commercial license to fly single-engine planes and last summer, he built his house.

"It's in metropolitan Millersburg," he kids, "It was actually a giant Lincoln log set I ordered from Maine on a big truck. My 7-year-old daughter and I and friends unloaded 38 tons of logs on the ground. The good people of Millersburg helped us site the house, and a friend did the concrete work. It heats with a wood-burning heater."

And what does a man who built his own

log cabin last summer do this summer in his spare time? "I'm going to raise bees," he says. "You buy them by the pound through the mail. You get a package of bees in a cage, and the queen in a queen cage, with one end of the cage blocked with candy. When you dump them into a hive, the worker bees eat in and the queen eats out, and you establish a colony."

The good people of Millersburg should probably be on the lookout for strange bees this summer — bees which may either try to communicate with them or else be wearing micro CB radios on their backs.

In any event, it wouldn't be Hulse's first electronic experiment, and it no doubt won't be his last.

Uehling pushes to exempt football from interpretation of Title IX

Chancellor Barbara S. Uehling is soliciting support from key congressional leaders in Washington, D.C. to change the current interpretation of Title IX of the 1972 Educational Amendments to exclude football from equal funding guidelines for college athletic programs.

In a letter to David S. Tatel, director of HEW's civil rights office in Washington, D.C., which was also sent to House and Senate leaders, the chancellor said, "We urge and insist that the proposed (HEW Dec. 6 policy) interpretation be changed to conform to a standard of equal opportunity and the mandate of the Javits Amendment."

Uehling stresses three basic points in the letter: (1) UMC has acted in good faith to provide equal opportunities for its women student athletes since the enactment of Title IX; (2) the immediate cost for UMC to comply with the proposed new interpretation is prohibitive; and (3) the proposed new compliance test is not warranted and is contrary to the Javits Amendment of 1974 which called for "reasonable provisions considering the nature of the particular sports."

Uehling points out the "grave concern" UMC has over the proposed new interpretation. "If not changed or modified," she said, "the impact on this campus will be devastating."

She said the new policy could lead to the discontinuance or reduction in scope of football at UMC, or the discontinuance of some or all of the non-revenue sports for men and women.

"This institution is committed to the

goal of providing equal opportunity for its women students in all of its educational programs," the chancellor said, "but it strenuously protests the unwarranted burden of equalizing expenditures for men and women in intercollegiate athletics on either a per capita or aggregate basis, a burden, which, we believe, is not in the best interest of either men or women."

Since the Title IX amendment went into effect in 1973-74, the UMC budget for women's athletics has grown from \$15,000 to approximately \$500,000.

Chancellor Uehling estimates that if UMC is required to comply with the proposed Title IX interpretation the minimum cost to comply at UMC would require an additional \$400,000 next year.

Currently at UMC, there are 281 men participating in intercollegiate athletic programs compared to 149 women. Of the 281 men, 120 are participants in football.

"Exclusive of football, there are 161 men and 149 women who are participants," Uehling said. "The participation level for women reflects the rapid progress at UMC toward providing equality of opportunity to women athletes since the enactment of Title IX."

Thomas Jefferson Award nominations due March 16

Nominations are due March 16 for the Thomas Jefferson Award, a citation and monetary award of four to five hundred dollars to a member of the University community. Persons nominated should, "through personal influence and performance of duty in teaching, writing and scholarship, character and influence, devotion and loyalty to the University best exemplify the principles and ideals of Thomas Jefferson."

Each department, school, college or division of the campus is urged to nominate one or more persons for the award. Individuals may also nominate candidates on their own. Nominations should be accompanied by a brief biographical sketch of the nominee (50 to 100 words) and a brief statement sup-

porting the nomination (100 to 200 words.) A vita is also helpful. Nominations should be signed and sent in five xerox copies to Susan Flader, department of history, 122 Arts and Science by March 16.

The award will be presented at the annual Jefferson Birthday observance in April.

The Earl McConnell Foundation, which created the award, suggests that the phrase "high ideals" of Mr. Jefferson be interpreted by each member of the Thomas Jefferson Award. The Foundation says that Jefferson himself gave expression to these ideals in the record on his tombstone: Author of the Declaration of Independence and State of Virginia for Religious Freedom, and Founder of the University of Virginia.

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.

Mozart's folk tale, 'The Magic Flute,' to premiere March 16

Mozart's opera, "The Magic Flute," will hold performances 7:30 p.m. March 16 and 3 p.m. March 18 in Jesse Auditorium.

An unusual translation by W.H. Auden and Chester Kallman, known for its addition of a poetic quality, will be used for the performances. "The Magic Flute," a folk tale delighting audiences of all ages, contrasts magical, spiritual and moral elements with simple folk qualities, and also reflects the ideals of the Masonic Order. Mozart was himself a Mason and in this last work for the stage, incorporates symbolism in the scenario and the music which identifies his beliefs.

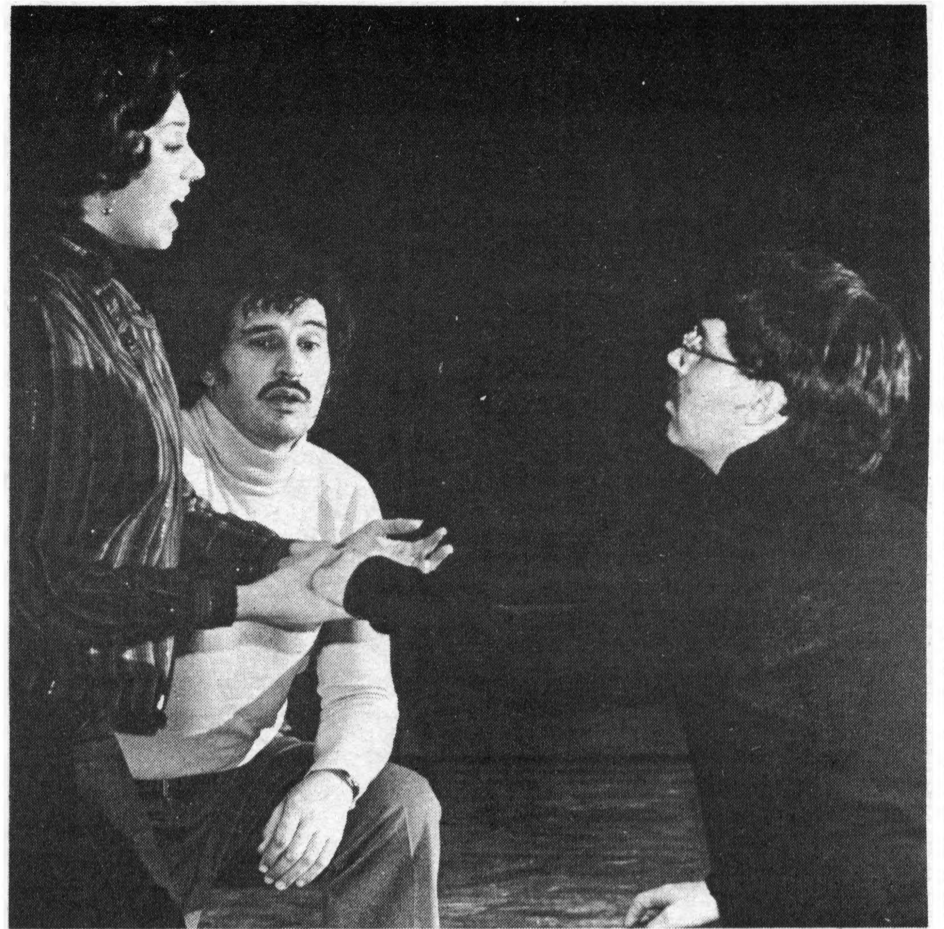
Artistic director is Roger Brunyate, coordinator of opera at the Cincinnati Conservatory. Brunyate, a native of the British Isles, has an international

reputation as opera director in both professional houses and major universities. Set design is by Gary Belshe, commercial artist and designer. Performances will be conducted by Hugo Vianello.

The March 16 performance will feature UMC faculty Harry Morrison and Virginia Pyle, and guest faculty from Stephens and Central Methodist Colleges, Judith Auer and Allison Odum, assisted by graduate students. March 18 will be a matinee with an all-student cast.

Tickets are \$3 public and \$1.50 students, and will be available from 10 a.m. to 4 p.m., Monday through Friday, March 12 to 16 at Jesse Auditorium ticket window.

For more information, call 882-3650 or 882-3670.



Left to right: Mary Alice Rosenboom, teaching assistant, UMC department of music as Pamina; Roger Brunyate, coordinator of the Cincinnati Conservatory of Music, artistic director; and Steven Oosting from Eastman School of Music, as Tamino.

UMC plans Missouri conference on work

'Studs' Terkel to be guest

A number of labor leaders, scholars and writers, including Louis "Studs" Terkel and Herbert Gutman, will come to UMC March 23-24 for the "Missouri Conference on Work: Its Past and Future."

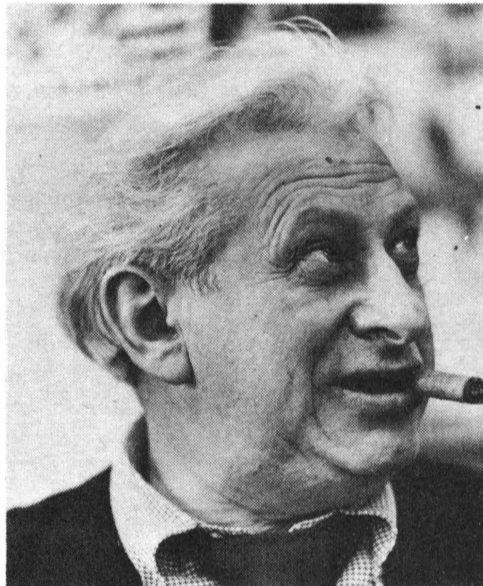
Free and open to the public, the conference is an effort to create a dialogue between scholars who have studied the evolution of work and labor leaders who make day-to-day decisions about work, according to David Thelen, UMC professor of history, and Richard Bienvu, UMC associate professor of history.

Discussion areas will include social choices and machine design, women and the work place, and the past and future of workers' control.

Terkel is the author of several books dealing with social issues and history. In addition to his last book, "Working," Terkel has written "Greats of Jazz," "Division Street: America," and "Hard Times."

Gutman is considered one of America's foremost contemporary labor historians. A professor of history at City University of New York, he is the author of the classic "Work, Culture and Society in Industrializing America."

The two-day conference is sponsored by the Missouri Committee for the Humanities (the state-based arm of the National Endowment for the Humanities), the Chancellor's Development Fund and the University Lectures Committee.



Studs Terkel

'Natural glow' aids archaeology research

The soft glow of a diamond in darkness 200 years ago sparked research that has proved valuable for anthropologists, physicists, geologists, museum curators, and even forest rangers.

The diamond's glow was caused by radiation absorbed by carbon in the stone.

The discovery led to development of thermoluminescence, a technique that allows archaeologists to date material from 30,000 to 1 million B.C.

One of four thermoluminescence laboratories in the world is operated by Ralph M. Rowlett, professor of anthropology at UMC.

Initiated in 1958, thermoluminescence was used only to date pottery until 1970. Rowlett began his research in 1971, and by 1974 established criteria to study archaeological stone.

It was then possible to date arrowheads and hearth stones which were heated by human cultural activity. This knowledge is helpful in piecing together man's past.

Stones heated in antiquity were reduced to a zero radiation level, Rowlett says. Any natural radiation found now was absorbed since they were last used by man.

Thermoluminescence indirectly measures the amount of environmental radiation damage to crystalline sub-

stances. A detector analyzes small particles by heating the material to temperatures of 200-400 degrees and measuring the natural radiation. As the object is heated, light electrons trapped in it escape, emitting a photon or flash of light. The equipment reads the trapped light. Rowlett then reheats the particle to negate all radiation readings.

Next an artificial source of radiation exposes the material to the amount of natural radiation in the earth strata where the object was located. If the new reading matches the amount of natural radiation, it is possible to date the material. If not, the researcher has a point of reference to continue the process.

The method has many practical applications. Rowlett's lab is geared for aging archaeological stones and tooth enamel. Teeth are merely rocks with organic formation according to Rowlett. Teeth and bones are crystalline substances that give off a glow which increases with age.

A typical test in Rowlett's lab was an arrowhead found in southwest Missouri. It was thought to be from a 10,000-year-old ice age Indian culture. Rowlett's testing determined that the projectile point was actually only 2,000 years old.

Also, thermoluminescence offers an excellent method for authenticating museum gifts and purchases.

"Some artifacts are fakes, but in my experience, most turn out to be genuine," says Rowlett. "However, the Metropolitan Museum seems to have paid \$3 million for an inauthentic vase. I'm glad I wasn't the one forced to tell them."

He recently completed a survey for National Park Service officials. Interested in the use of controlled burning for conservation measures, they wanted to know how much damage forest fires do to archaeological sites.

Rowlett tested Indian artifacts that were underground in a New Mexico park during a fire. He concluded that a fire burning at less than 350 degrees centigrade for less than 15 minutes will not harm buried artifacts. Fires over 400 degrees C. and lasting one-half hour can do irreparable damage.

Eventually the technique will be used as a routine check for all archaeological materials, Rowlett predicts. "At present, we can offer students who have a fair amount of physics and a great deal of archaeology a way to earn a living with a bachelor's degree," he says.

Employees vote on union matter

Full-time service and maintenance employees on the University's four campuses voted this month on whether to grant unions exclusive recognition.

The voting took place March 5 at St. Louis, March 6 at Rolla, March 7-8 at Columbia and March 9 at Kansas City.

In 1966, the UM Board of Curators recognized Labors' International Union, AFL-CIO, and in 1967, International Union of Operating Engineers, Local 2 to represent employees wanting to be members of a union.

If a majority of employees voted "yes" in the election, then the form of recognition would change from that covering members only to a form of recognition where the specified unions represent all employees in the unit.

If a majority voted "no," the University may relate directly to employees and their employment units.

The State Board of Mediation conducted the election and determined categories of employees eligible to vote. All ballots cast on all four campuses will be comingled before the votes are counted.

CAMPUS COLUMNS

(USPS 711-780)

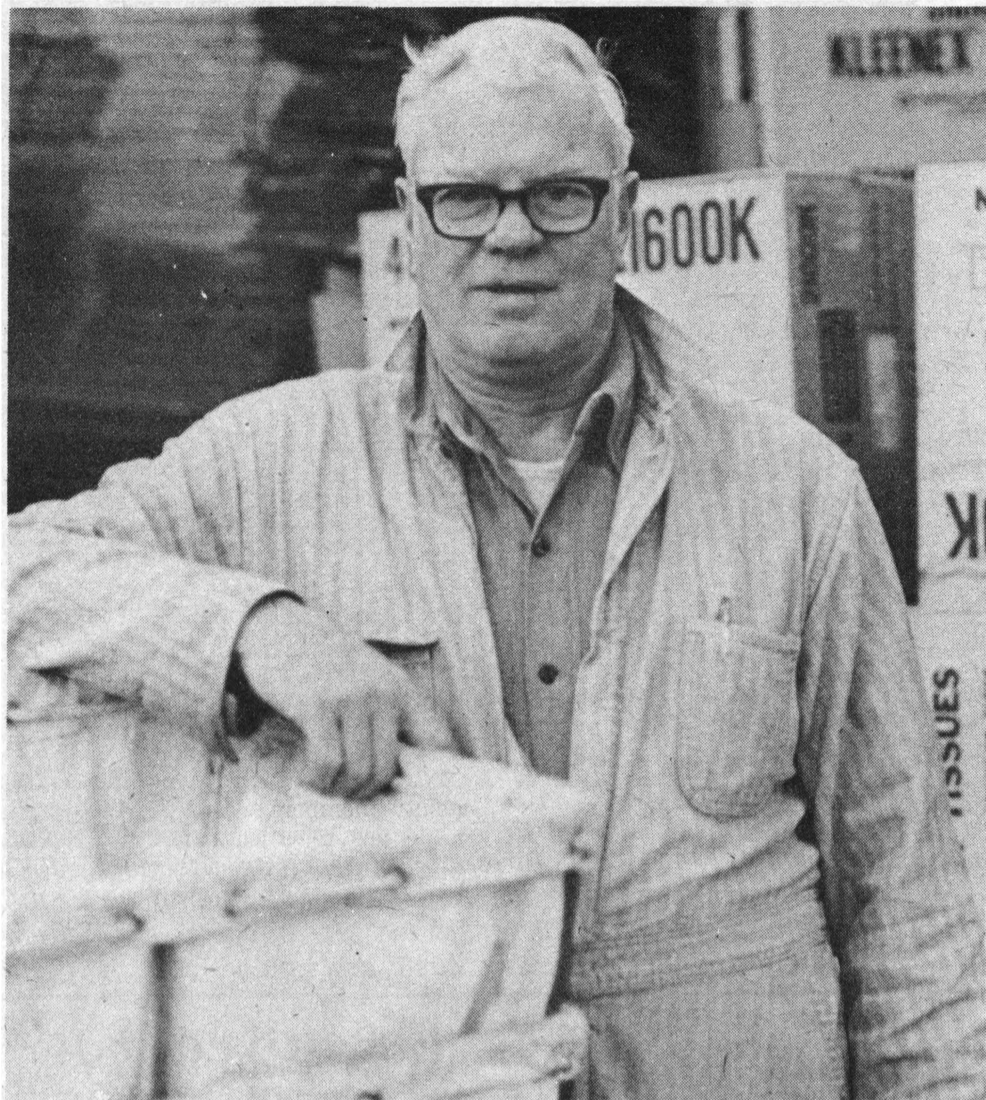
Campus Columns is published monthly except July and August, and is published twice in September for the information of all University of Missouri employees on the Columbia campus. It is edited under the supervision of the Office of Public Information in cooperation with the Personnel and Business Offices. Contributions and information for this paper should be sent to 329 Jesse Hall.

For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

Editor: Catherine Kernan

The University of Missouri
An Equal Opportunity Institution

Service Awards



Guy Sapp, a routeman for the purchasing department, has worked for the University 20 years.



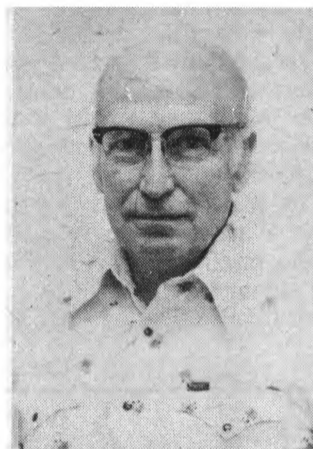
Donald Parks
health physics technician
office of research
10 years



Wanda Bell Jackson
senior cashier
prov. adm-fiscal oper. officer
15 years



James Lay
manager
current budget operations
prov. adm-fiscal oper. officer



Waldo Crane
binderyman
vice pres. for admin. affairs
10 years



Carol Marie Green
library clerk III
library
15 years



Earl Burry Jr.
police captain
University Police
15 years



Rosie Stevens
produce production worker
purchasing
10 years



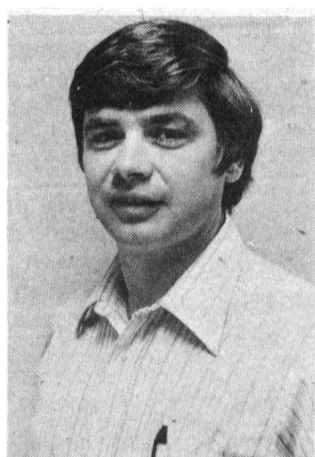
Ruby Teel
graphic layout specialist
vice pres. for admin. affairs
10 years



Erna Kelley
fiscal assistant
Dalton Research Center
10 years



Karen Riley
administrative associate II
vet medicine dean's office
10 years



Thomas Seeger
research electronic technician
office of research
10 years



Irene White
senior clerk typist
engineering experiment sta.
10 years

Psychology picks McKinney lecturer

The UMC department of psychology has selected Northwestern University psychologist Benton J. Underwood as the first Fred McKinney Psychology Lecturer. Underwood, who is Stanley G. Harris professor of social science at Northwestern, will discuss "Forgetting and Forgetting Theory" at a public lecture from 3:40 p.m. to 5:30 p.m. March 15 in the Memorial Union Auditorium.

The McKinney lectureship was established last year in recognition of McKinney's 47 years on the UMC faculty and for his contributions to the profession of psychology, the department and the University.

Underwood is internationally known for his work in learning and learning theory. He has written more than 170 articles, chapters and books. He was awarded the Warren Medal by the Society of Experimental Psychologists in 1964 and the American Psychological Association Distinguished Scientific Contribution Award in 1977.

Underwood received his B.A. from Cornell College in 1936, his M.A. from UMC in 1940, and the Ph.D. from the State University of Iowa in 1942. He has been a member of the Northwestern University faculty since 1946.

Professor tells how to read 'promising' ads

OPPORTUNITIES: \$50,000 a year net for industrious self-starter. Just two to three evenings a week and an occasional weekend. Get out from under that dead end job! Requires \$2,500 refundable investment.

The ad is hypothetical, but virtually every one of us at some time or other in our lives comes across an inviting offer and wonders... Gimmick? ... Opportunity?

What kind of advice do the experts give? "Try to read the ad from the viewpoint

Solar course to be offered soon

Homeowners, architects and builders interested in energy savings far above conventional housing will want to learn about earth-contact features combined with passive solar design. A practical, "how-to" course has been scheduled for the Columbia area on six Tuesday evenings, March 27-May 1 in Room 1047 Engineering Building.

The advantages of earth-contact and passive solar homes? Tiny fuel bills (about 60 percent savings), physical security, low maintenance, fire safety, tornado protection, permanence, appropriateness with the natural environment, and many other features. So says Gordon Moore,

of the people who wrote it," cautions Ben Enis, UMC internationally known expert in marketing. "It's rare that an ad is a flat-out lie. Usually ads aren't designed to deliberately deceive. But they do strive to put the best possible face on the product." Treat a business opportunity ad like any other advertisement, he says. The first intent of an ad is to get your attention.

Ad claims may not reflect the experience of the average entrepreneur, Enis explains. "Probably such claims are not typ-

ical. A few may net the \$50,000, but most will not.

ical. A few may net the \$50,000, but most will not.

"It's a common practice to hire a lot of people, knowing that not all will stay. A prevailing philosophy is to invest more in recruiting than training. It's an example of the 80/20 rule. Eighty percent of the people do 20 percent of the work. A number of firms recruit widely and retain only the 20 percent who do 80 percent of the work. Those are the ones who net \$50,000 a year." Before you invest, find others who have invested and learn the liabilities as well as the benefits.



EMPLOYEE ASSISTANCE PROGRAM

A program for faculty and staff

is a confidential referral service for all employees and their families who are seeking solutions to persistent personal or work-related problems.

TAKE ACTION... Call 882-6701
UMC Employee Assistance Program
215 Columbia Professional Building

Welcome

Columbia campus

Keith Picker, janitor, Lewis-Clark; Colette Wagner, senior research lab. tech, veterinary medicine; Debi Fartash, data entry operator, registration and admissions; Steven McCauley, library clerk II, library; Harry Ricketts, food service worker II, dormitories; Kim Denise Peters, clerk typist II, physical plant; Marlon Wells, accounting clerk, purchasing;

Donna Gay Crigler, clerk typist, registrar and admissions; Mike D. Head, farm worker II, agriculture; Walter Burnett, food service worker I, dormitories; Connie Sue Jesse, accounting clerk, accounting service; Marvella Louise Erickson, food service worker I, dormitories; Keith Jordan, food service worker II, dormitories; Laura Breitweiser, clerk, prov. adm-fiscal operations; Elsie A. Tevis, cashier, Student Health Service;

John W. Anderson, asst. director student life; Howard L. Guscar, research specialist, agriculture dean's office; Ellen D Tucker, sr. accounting clerk, engineering dean's office; Edward Reed, food service super. I, dormitories; Francesca Dutton, clerk typist II, University Extension; Brenda Rencher, sec-steno, student financial aids;

Kenneth Koelling, janitor, physical plant; Jennifer Lee Jones, food service worker II, dormitories; Christine E. Keith, janitor, physical plant; Jimmy D. Calvin, janitor, physical plant; Teresa Jane Mahan, janitor, physical plant; Lawrence C. Ross, sheetmetal worker, physical plant.

Mary Szywnelski, cashier, University Bookstore; Mary Edwards, library clerk II, library; Lyndell Tadlock, library clerk II, library; Frank Ireland, foreman, agriculture; Dorothy Greenlee, janitor, dormitories; Larry Ray Long, engineer, physical plant;

Rhonda Elaine Butler, stenographer, College of Public and Community Services; Michael Mihalik, registered medical technologist, Veterinary Medicine; Kenneth Roach, janitor, physical plant;

Oleta Hopkins, janitor, physical plant; Daisy M. Pipes, file clerk, purchasing; Donna Jo Hankins, senior stenographer, Women's Athletic Program; Sharon Taylor, janitor, physical plant; Ruth E. Price, coordinator, student financial aids; Kent Schneider, assistant director School Board Association-legal, Education;

Lorraine Isabell Edmondson, clerk-typist II, Education, Patricia Milkovich, senior clerk typist,

Education; Kathy Williams, secretary-stenographer, B&PA; Linda E. Duncan, secretary, Economics.

Medical Center

Sharon Lee Collier, nursing tech.; Cynthia Bezler, secretary; David Ronald Burgess, sr. resp. lab tech.; Connie S. Tenney, nursing tech.; Mark D. Jackson, reg. resp. therapy tech.; Frances Rippeto, secretary; Katherine S. Cole, receptionist; Donald Roberts, custodian; Bobby Joe Fletcher, food service attendant II; Marvin Malveaux, nursing attendant; Janiece Ann Lewis, food service attendant I; Alice M. White, custodian; Joan Bartels, staff nurse; Robin B. Garfield, animal tech.; James Roy Collins, custodian; Donald Batema, sr. resp.-lab tech.; Linda Williams, resp. therapy tech. tr.; Martha Cathey, secretary;

Ralph Rhodes, hospital unit clerk; Dena McDonald, resp. therapy tech.; Susan Raines, secretary; Sondra Goodman, hospital unit clerk; Larry Nixon, hospital unit clerk; Sandra Black, resp. med. tech.; Cynthia Lynn Fleisher, stenographer; Colleen A'Hearn, personnel assoc.; Rosemary Teel, reg. med. tech.; Nancy Ann Johnson, hospital unit clerk; Linda Neiff, staff nurse; Shirley Casterline, asst. direc. nursing service; Amanda Lothman, admissions clerk; Mary Ann Smith, nursing tech.; Ruth Nordmeyer, staff nurse, Linda Sue Eckert, staff nurse; Gwendolyn Strecker, training associate;

Brain K. Shobe, comp. operator; Linda Blueiff, data entry operator; Carolyn Dawson, nursing attendant; Norman E. Fisher, asst. clerk; Barbara Campbell, custodian; Julie Frala, phys. therapy asst.; Patrick Conklin, acct. clerk; Wilma Sue Ankrom, grad. practical nurse; Madeline Morgan, nursing tech.; Leonard Hess, sr. LPN; Barbara Vollmer, staff nurse; Wanda Lee Roulston, nursing tech.; Dan Level, food service attendant II; Cheryl Elaine Adams, food service attendant II; David Allen Nichols, food service attendant I; Pauline Enstley, sr. LPN; Marcia Huxol, sr. secretary; Lisa Ivy, sec-stenographer; Elizabeth Bailey, clerk II; Kathleen Menoza, nursing tech.; Virginia Ewens, custodian; Kenneth R. Prueff, pharmacy tech.; Marc Perez, nurse anesthetist; Doris June Elliott, nurse anesthetist; Brigitte Burch, EKG tech.; Jan Rybolt, research interviewer; Dan West, radiologic specialty tech.; Phillip Huthinson, food service attendant II; Gwendolyn Wilson, food service attendant II; Lisa Hartmann, radiologic tech.;

Jill Lucille Wood, food service attendant I; Lisa Marie Elias, food service attendant I; Barbara Bonner, staff nurse; Gina Montgomery, nursing tech.; Beverly Hodges, nursing tech.; Yvonne Lusk, grad. practical nurse; Mary Jo Basurto, staff nurse; Cherie Keys, histologic tech.; Deborah Ann Lee, nursing tech.; Ann Putt, secretary; Thomas Carter, custodian;

Linda Goucher, sec-stenographer; Gary Wunder, programmer-analyst I; Paula St. Clair, reg. cytotech.; Eliot Rieman, custodian; Curtis Stewart, custodian; Deborah Kay Bowden, secretary; John Lunsford, custodian; Linda Mann, account. clerk; Gerard Huttenen, custodian; Mary Moore, reg. med. tech.; Alva Jones, secretary; Cheree Smith, hospital unit clerk; Racheal Leonard, clerk-typist; Lisa Winters, staff nurse; Patricia Becker, sec-stenographer; Pamela Kite, staff nurse; Regina Perry, hospital unit clerk;

Audrey Hendrix, nursing tech.; Mary Jan Cottingham, staff nurse; Sharon Thrower, nursing tech.; Mary O'Donnell, nursing tech.; Nancy Ellen Farris, nursing tech.; Becky Joe Henry, sr. LPN; Charles Heidel, pat. acct. rep.; Sandra Love, lab. attendant; Gene Hubert, research spec.; Linda Sportsman, food service attendant I; Robert Armstrong, nursing tech.; Allen Davis, staff nurse; Julia Kridelbaugh, sr. LPN; Mark McGee, custodian; Della Mae Acton, acct. clerk; Kathy Betz, custodian; William Smith, custodian; Virginia Windes, staff nurse; Kathryn Williams, staff nurse; Jane Hutchinson, Rad. tech.;

William E. Hall, custodian; Marsha Leimkuehler, sec-stenographer; Richard McKeever, pharmacy tech.; Margaret Hayworth, staff nurse; Glenda Nickell, staff nurse; Lois Colvin, sr. food service attendant; John Andrade, food service attendant II; Rhon Williams, custodian; Dorothy Lyons, food service attendant I; Robin Wyss, food service attendant II; Joseph Burgess, custodian;

Charles Armstrong, hospital unit clerk; Donna Woodward-Schnitz, hospital unit clerk; Barbara Murch, pharmacy tech.; Anita Dreyer, food service attendant II; Sherry Seeger, asst. director nursing service; Debra Williams, food service attendant I; Gloria Dowdy,

academic advisor; Kevin Baker, food service attendant II; John Charles Ellerseick, food service attendant I; Mike Rombach, custodian;

John Scott Stevenson, occupational therapy asst.; Donald Starks, custodian; Marilyn Burns, sr. receptionist; Rhonda Davis, acct. clerk; Gary George Martin, nursing tech.; Donna Sue Lynn, clerk; Cherie LeBeau, sr. LPN; Steven Lee Bingham, nursing tech.; Carlen Harris, sr. LPN; JoAnn Spaur, staff nurse; Melissa Peterson, stenographer; Carol Faust, staff nurse; Darrell Acree, custodian; William Henderson, custodian;

Alfred Conrad Marks, resp. lab. tech.; James Franklin Dockins, resp. therapy tech.; Beverly McCarthy, clerk typist; Lloyd Jay Wright, nursing tech.; Judy Obermark, receptionist II; Michael J. Smith, clerk; James F. Ritzen, chief clerk; James Worley, custodian; Paula Garrett, acct. clerk; Joyce Johannessen, sec-stenographer; Ellen Slinkard, sr. clerk; Nancy Malin, sr. res.-lab tech.; Thomas Sullivan, res.-lab tech.; Patti Dougherty, staff nurse;

Regina Stotter, nursing tech.; Patricia Margaret Poore, nursing tech.; Jane Young, grad. nurse; Patricia McIntosh, grad. nurse; Cynthia Greer, hospital unit clerk; Cleo Smith, comp. project mgr.; Becky Ann Nelson, staff nurse; Alma Margarete Flett, custodian; Darlene Phythian, receptionist; Rita Harris, sr. stenographer; James Martini, nursing tech.;

Cheryl Forbus, food service supp. I; Hazel Grizzle, clerk; Marcella Sue Gray, clerk; A. Thomas Nathe, admin. asst.; Laura Waugh, receptionist; Joanne Burrell, custodian; Deborah Strong, custodian; Elizabeth Lang, housekeeping supp.; Sharon Bradshaw, sec-stenographer; Diane Frazier, nursing attendant;

Gary Taylor, custodian; Alfred Licata, food service attendant II; Susan Breier, reg. med. tech.; Beverly Smart, sr. clerk; Barbara McCurdy, sr. LPN; Sheila Holt, staff nurse; Dwight Clevenger, nsg. tech.; Sachiko Algieri, food service attendant I; Pamela Burton, hospital unit clerk; Patricia Kent, grad. nurse;

Dawn Sherrie Hargis, cashier; Leah Schneider, hospital unit clerk; Amy L. Abercrombie, grad. nurse; Belinda Fender, resp.-lab. tech.; James R. Collins, custodian; Mary Hibben, nursing tech.; Jane Roth, grad. nurse; Corene McDowell, nursing attendant; Sarah Anne Clark, grad. nurse; Donald Wood, perfusionist tr.;

Anne Jenkins, custodian; Anne Heine, staff nurse; Lori Kirkpatrick, sr. receptionist; Janet Sudholt, secretary; Paulette Ann Ford, sec-stenographer; Barry J. McEachern, occupational therapy asst.; Rhonda S. Abuckley, sr. stenographer; Stephen Scott, custodian; Anthony Burnham, custodian; Patricia Hogan, health care eval. anal; Megan Christian, hosp. unit clerk.

Five-year awards

The following employees are observing five-year anniversaries with the University this month.

Robert William Heying, agriculture foreman, agriculture director's office; Leo Grant Clevenger, meat processor, food science, Carl George Morris Jr., research specialist, agronomy; Betty Jean Wefenstette, senior clerk, office of personnel services; Emma B. George, janitor, dormitories.

Bonita Sue Lenger, secretary, vice president for administrative affairs; Natalia Nadruga, editor, University Press; Becky Jo Schlotzhauer, senior secretary, vice president for administrative affairs.

Correspondence

courses open to employees

Are you interested in taking college-level courses under the Educational Assistance Program but have put off signing up for that first course?

Why not get your feet wet by enrolling in a correspondence course offered by the Center for Independent Study?

Correspondence courses have two definite advantages for employees: they can be taken completely on the employee's own time after work hours, with final tests arranged after work, if necessary. Also, employees can enroll in correspondence courses without being formally accepted into a UMC school or division. Later, if an individual decides to enroll at UMC, the courses can be counted toward a degree.

The University will count up to 30 hours of correspondence courses toward an undergraduate degree and up to eight hours toward a master's degree.

Course content is written by University faculty members. Also, the course and grade are recorded and filed on transcripts in the UMC registrar's office, with no indication that the course was taken through correspondence.

"If staff decide to enroll in correspondence courses before they enroll in the University, they should not necessarily use the courses as an indication of how well they will do in college generally," cautions George Gustke, coordinator of publications for the center. "But the greatest advantage they can gain from the courses in addition to the content is to develop good study habits and self-discipline as they complete the courses."

Although correspondence students are encouraged to finish courses within each semester, they receive a maximum of nine months' time to finish a course. Most students complete courses in about four months.

Over 125 college-level courses are offered by correspondence, ranging from languages, classical studies, creative and technical writing, to history, agriculture and psychology. High school level courses are also available, but do not qualify under educational assistance.

Catalogs of course offerings and further information are available from the Center for Independent Study through Correspondence, 514 South Fifth Street, 882-2491.

Promotions

Wilma Ankrom, from grad. practical nurse to sr. lic. practical nurse; Lola Butcher, from clerk to medical records coder; Sarah Coffelt, from grad. practical nurse to sr. lic. practical nurse; Katherine Cole, from receptionist to stenographer; Naomi Dixon, from clerk to clerk II; Ronale Dougherty, from supv. nursing unit to mgr. unit management MC; James Garro, from animal caretaker to animal tech.; Danny Goe, from comp. programmer I to comp. programmer II;

Darwin Goucher, from grad. rad. tech. to radiolog. technologist; Paul Haggard from fireman to power plant operator; Michael Hyde, from food serv. attendant II to stores clerk; Barbara Kerney from stenographer to sec. steno; Jessie McKenzie, from power plant trainee I to power plant trainee II; Catherine McNeill, from grad. practical nurse to sr. lic. practical nurse; John Albert Parson, from grad. practical nurse to sr. lic. practical nurse; Brian Petrie, from grad. rad. tech. to radiolog. technologist;

Larry Pugh, from lead janitor to ast. supv. cust. svc.; Laurie Richardson, from stenographer to sec. steno; Ronetta Rowland from grad. practical nurse to sr. lic. practical nurse; Ann Spencer, from grad. practical nurse to sr. lic. practical nurse; Richard Delano Stull, from water treator to fireman; Lealure Tindall, from stenographer to secretary; Cheryl Weber, from admin. sec. to exec. staff asst. I; Robin Weckherlin, from grad. practical nurse to sr. lic. practical nurse; Millard Young, from housekeeping supv. to asst. exec. housekeeper MC; Herman Pruitt Harrison Jr., from systems analyst to sr. systems analyst; Vivian Chong Lee, from comp. prog. I to comp. prog. analyst I; Duane Perry, from comp. operator cen. fac. to sr. comp. operator cen. fac.

Cheerleading, pom pon squads will combine

A 14-year tradition will be amended this fall with the combination of the pom pon and cheerleader squads at UMC.

Increasing travel expenses and a static budget necessitated the change, according to John Wayne Anderson, assistant director of the Center for Student Life.

Bus transportation restrictions to away football games limit the squads to 12 spaces. Two partial squads with restricted capabilities attended the games last year.

"By cutting the two teams from 24 people to one squad of 16 with four alternates, we hope to avoid duplication of efforts and provide increased performance," Anderson says.

The reorganization calls for some members of the cheerleader squad to perform in the stands while a limited number are on the sideline.

"This is not a move to eliminate the pom pon squad but to integrate the two groups so that it is still possible to retain the activities of the pom pon girls as well as the level of gymnastics that we see in our present squad of cheerleaders," Anderson says. "We anticipate the same fine quality of performance that we have had in the past."



Left to right: Henry Smith, supervisor electric shop in hospital plant engineering, presents a certificate of completion to electrician Jim Coats. Coats recently finished his apprenticeship course and was certified as a journeyman electrician.

Parade of fashion at UMC's Stanley



Fashions from the "Glamour Look" of the 30s to the "Retro Look" of the 70s make up the new Stanley Gallery exhibit at UMC.

For its fourth annual exhibit, the clothing and textiles department of the College of Home Economics has spanned fashions of the past forty years. Garments, hats and accessories from the department's Historic Costume Collection have been selected and displayed by six students in the Advanced History of Costume class of chairperson Elinor Nugent.

The exhibit will be open through March 16. Hours are: Monday, Wednesday and Friday, 9:40-11:15 and 11:30-4 p.m.; Tuesday and Thursday, 8:40-11:40 a.m. and 12:40-4 p.m.

The Historic Costume Collection includes some 1,500 items — garments, gloves, shoes, hats, bags, jewelry and hose — going back to the 1800s. Nugent says the department welcomes gifts in good condition, with information about the wearer and situations in which they were worn.

Items are all indexed with sources, except for some older items. The collection has no curator, but is a spare-time project of faculty and students. Many of the items are gifts of current or former home economics faculty members.

Only a few things in the collection date before the 1880s. Nugent would particularly like to receive garments from the early 1800s, and of the 1940s by major designers.

Student Ann Kelly adjusts the belt of a dress from the 30s, with its glamour look borrowed from the dress of movie stars of the decade.

United Way says 'thanks' to UM

January 30, 1979

Dear Dr. Olson:

Once again on behalf of United Way of Columbia and its 25 member agencies, we wish to extend our sincere congratulations and appreciation to the University of Missouri for its outstanding support of our annual campaign. University of Missouri raised a record \$101,000 to exceed its goal for the second year in a row. I believe that with this achievement the University of Missouri will continue to maintain its #1 standing in the Big Eight cities in terms of United Way support.

We are also most grateful for the University's public relations efforts on our behalf at football half time, the appearances of Marching and Mini Mizzou at United Way functions, KOMU-TV public service support and the Columbia Missourian's efforts on our behalf. We have captured much of this on film and I am pleased to report that the University of Missouri's United Way success will be featured at the United Way of America's annual conference this year.

Sincerely,
Gloria Brown
Executive Director

Penney's Moore to speak here

Lee S. Moore, executive vice president and director of the J. C. Penney Co. Inc., will be this semester's executive-in-residence at UMC's College of Business and Public Administration.

Moore will be on the UMC campus March 14-16 to meet with students, faculty and administrators and instruct in marketing and management. In addition, Moore will be guest lecturer at the UMC Women's Center.

Students explore Ozark folk medicine secrets

Folk medicine is steeped in superstition and tradition. Consider mad stones believed to be a potent treatment for snake bite. According to legend, one must boil the stone in a pot of milk, and then place it on the wound until all the venom is absorbed. The stone finally falls off, and is returned to the milk, which turns green as the poison is released.

Mad stones, originally used for rabid dog bites, supposedly were found in the stomachs of white-tailed deer in Tennessee, Kentucky and southern Missouri. The ritual in using the stones is considered as important as the stones themselves, which are passed down from generation to generation.

The use of folk medicine in the Ozark plateau of Branson, Mo., is being investigated by two graduate students from UMC.

Interested in medical anthropology, Beth Domke is evaluating the attitudes of folk medicine practitioners and the way

lore is passed on.

Sissel Johannessen is researching ethnobotany, the study of interaction between plants and man. She is concerned with identifying medicinal herbs and learning of their preparation and creative properties. Their research is part of a topics seminar in anthropology.

"Lack of access to a physician contributed to the persistence of folk medicine for years," Domke says, "When you are dealing with people back in the Ozark hills, you have to remember that in many cases folk medicine was an issue of basic survival. Wood-cutting parties and the attitude, 'I'll help you, if you help me,' were essential ways of life."

Modern medicine has only been systematized in the last 200 years, says Domke. Before that folk remedies constituted 99 percent of available treatment.

"There is another medical system in practice with folk medicine," says Sam Stout, assistant professor of anthropology and instructor of the course, "and if people don't believe in germ theory, it is very hard to explain health matters to them."

The people interviewed are not economically deprived nor undereducated. Domke describes them as vibrant personalities living a chosen lifestyle which may include raising an organic garden, maintaining a root cellar and cooking on a wood stove.

People in the region are clannish, brought up with strong religious beliefs and a sense of neighborliness and practicality. They are typically conservative people who don't believe they "practice folk medicine" but simply have home remedies which work, based on personal



Coltsfoot was considered valuable in relieving coughs, asthma, whooping cough and other pulmonary afflictions.

experience. And they laugh at the myths associated with folk medicine like anyone else.

Stout says many folk remedies are herbal, and some do have real medicinal value. He cites anthropologists who have supported their field work by collecting and selling folk recipes to drug companies interested in researching new medicines. For instance, aspirin is a synthetic derivative of salicylic acid which is produced from digested willow bark. Garlic, known as "Russian penicillin," has been shown to kill TB bacilli. Eating garlic, while unpleasant, was often prescribed for hypertension because it can measurably lower blood pressure.

Not all cures are herbal. You can "tie off the chills," a respiratory problem, rather

simply. "Back up to a dogwood tree, take a string and tie around it, tie that in a knot and walk away from it and never look back," instructs a source. "The dogwood will die, but you can tie your chills off."

Poke root was used for the "seven-year itch" or impetigo. The root was boiled, the bark peeled and the root dropped in the child's bath water.

Asthma was treated by cutting a notch on a post at the height of the afflicted child. When the child grew a head taller than the notch, he was cured.

Stout contends that much of folk medicine is psychosomatic — that folk cures are excellent psychoanalysts. They assuage the feelings of their patients and help them feel better mentally.

"Today folk medicine is a practical approach to health care and cheaper than visiting a medical doctor for these people," Domke says. "They think modern medicine lacks some things, and like folk medicine, is largely mind over matter."

The women hope to publish their findings this spring, including an herb index.

Fact or fiction, they advise you take folk remedies with a grain of salt and a dose of common sense.



Yellow goldenrod was known to be useful to cause sweating in order to break up colds and fevers.



Crawl grass was valued as a mouth wash and for the gums. It was also said to be of benefit for diabetes, backache and leg pains.

Calendar of Events

Academic schedule

Mar. 24: Spring Recess begins 12:30 p.m.

Mar. 30: Staff holiday.

Apr. 2: Classwork resumes 7:40 a.m.

Concerts, plays

Mar. 9: Faculty Recital Series: Carolyn Kenneson, viola, 8:15 p.m., Fine Arts Recital Hall.

Mar. 11: Faculty Recital Series: Peter Kurau, french horn, 3 p.m., Fine Arts Recital Hall.

Mar. 14-17: Main Stage Production: The Real Inspector Hound, 7:30 p.m., Fine Arts Theatre. Tickets \$1.50 students, \$3 public. Available at the Fine Arts Theatre box office, 3-5 p.m., Monday-Friday of production week and one hour before performance.

Mar. 16: University Opera Theatre: Mozart: The Magic Flute, 7:30 p.m., Jesse Auditorium. For information, call 882-3650 or 882-3679.

Mar. 18: Main Stage Production: The Real Inspector Hound, 7:30 p.m., Fine Arts Theatre. Tickets \$1.50 students, \$3 public. Available at the Fine Arts Theatre box office, 3-5 p.m., Monday-Friday of production week and one hour before performance.

Mar. 18: University Opera Theatre: Mozart: The Magic Flute, 7:30 p.m., Jesse Auditorium. For information, call 882-3650 or 882-3679.

Mar. 18: Ad Hoc Singers, Cameline Consort of Early Instruments, 7:30 p.m., First Presbyterian Church, 16 Hitt Street. Madrigals by Weelkes, Wilbye, and Palestrina; instrumental music of the Renaissance and Baroque on period instruments; English folksong arrangements, more.

Mar. 19-23: Studio Theatre Production "Improvisational Show," 7:30 p.m., Gentry Hall Theatre. Tickets 50 cents.

Mar. 21: Faculty Recital Series: Esterhazy Quartet with Santiago Rodriguez, pianist, 8:15 p.m., Fine Arts Recital Hall.

Apr. 3: The Chancellor's Third Annual Festival of Music: Isaac Stern, violin and St. Louis Symphony Residency, 8:15 p.m., Jesse Auditorium. Tickets available at the Jesse Hall Ticket Window, 10 a.m.-4 p.m.

Apr. 6: Children's Concert, 2:30 p.m., Jesse Auditorium.

Apr. 6: Orchestra Concert, 8:15 p.m., Jesse Auditorium.

Apr. 7: Master Classes, Music Building.

Apr. 8: Orchestra-Choral Concert Beethoven's Ninth Symphony: St. Louis Symphony, University Choral Union, and Faculty soloists, and The Chancellor's Third Annual Festival of Music: Aaron Copland Residency, 8 p.m., Jesse Auditorium. Tickets available at the Jesse Hall Ticket Window, 10 a.m.-4 p.m.

Conferences, short courses

Mar. 29: A Media Galaxy for New Directions in Education, sponsored by Missouri Association for Education and Technology. For further information, call 882-3601.

Apr. 9: First Conference on the Educational Needs and Interest of Older Learners, sponsored by the Department of Higher and Adult Education. For further information call 882-6011.

Films, exhibits

Mar. 9: MSA Movie: "Eyes of Laura Mars," 7 & 9:30 p.m., Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Mar. 9: Astronomical Film of the Week: "The Universe — Flight of the Stars," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Mar. 10: MSA Movie: "Silver Streak," 7 & 9:30 p.m., Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Mar. 10: "Fantastic Animation Film Festival" at midnight.

Mar. 11: MSA Free Film: "Pretty Baby," 8 p.m., Middlebush Auditorium. Free.

Mar. 11: University Film: "Lies My Father Told Me," 8 p.m., Ellis Library Auditorium. Free.

Mar. 14: MSA Free Film: "Bullit," 8 p.m., Middlebush Auditorium. Free.

Mar. 15: University Film: "A Slave of Love," 8 p.m., Ellis Library Auditorium. Free.

Mar. 16: MSA Movie: "Coma," 7 & 9:30 p.m., Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Mar. 17: MSA Movie: "Murder on the Orient Express," 7 & 9:30 p.m., Middlebush Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.

Mar. 18: MSA Free Film: "1000 Clowns," 8 p.m., Middlebush Auditorium. Free.

Mar. 18: University Film: "Adrift," 8 p.m., Ellis Library Auditorium. Free.

Mar. 21: MSA Free Film: "Day of the Dolphin," 8 p.m., Jesse Auditorium. Free.

Mar. 22: University Film: "The Bitter Tears of Petra Von Kant: An Image of Sickness," 8 p.m., Ellis Library Auditorium. Free.



This engraving by Albrecht Durer, "St. Michael Fighting the Dragon" is part of the exhibit, "Five Centuries of Master Graphics," on display at the Art & Archaeology Museum through March 30.

Apr. 1: MSA Free Film: "Where Eagles Dare" at 8 p.m. in Jesse Auditorium. Free.

Apr. 1-27: Invitational Missouri Ceramics Exhibit, Monday-Friday: 9 a.m.-3 p.m.; Saturday: 2:30-4:30 p.m. in the Fine Arts Gallery. Free.

Apr. 4: MSA Free Film: "Big Wednesday" at 8 p.m. in Jesse Auditorium.

Apr. 5: University Film: "That Obscure Object of Desire," 8 p.m., Ellis Library Auditorium. Free.

Apr. 6: MSA Movie: "Blue Collar" at 7 & 9:30 p.m. in Middlebush Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

Apr. 6: Astronomical Film of the Week: "Measuring Long Distances," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Apr. 7: MSA Movie: "The Betsy" at 7 & 9:30 p.m. in Middlebush Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

Apr. 8: MSA Free Film: "THX-1138," 8 p.m., Middlebush Auditorium.

Apr. 8: University Film: "Portrait of an Artist," 8 p.m., Ellis Library Auditorium. Free.

Lecturers, speakers

Mar. 9: "The History of Folksong and Folklore Collecting in the United States," Joseph C. Hickerson, head of the Archive of Folksong, Library of Congress, 8 p.m., Memorial Union Auditorium.

Mar. 9: Fred Lafser, director of the Missouri Department of Natural Resources, will speak on the "Economic Analysis Needs of the Missouri Department of Natural Resources," 2:40 p.m., 320 Mumford Hall.

Mar. 11: Museum talk on the exhibition, "Five Centuries of Master Graphics from the St. Louis Art Museum," by Richard Baumann, curator of Renaissance and modern art, 3 p.m., Pickard Hall Auditorium, Museum of Art and Archaeology.

Mar. 12: "How Many Frogs Do You Have to Kiss Before You Meet Prince Charming?" Vicky Straub, psychologist, Center for Individual and Family Counseling, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Mar. 13: "Utilization of Livestock Waste," Dennis Sievers and Eugene Iannotti, agricultural engineering, 7:30 p.m., Room S-203, Memorial Union. Coffee and refreshments will be served. For more information call 882-3610.

Mar. 14: Colloquium series: The woman Abuse Syndrome. "Wife Abuse: Origins, Practices, Solutions" will be presented by Dell Martin, author of *Battered Wives*, 7:30 p.m., Room 309, Hearnes Multipurpose Building. Free.

Mar. 14: Colloquium series: The Woman Abuse Syndrome. Film: "Battered Spouses," followed by a discussion with Dell Martin, 3:30-5:30 p.m., Rooms A and B, Lewis Hall. Free.

Mar. 14: "Loving Through the U.S. Mail," 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center.

Mar. 15: "Writing Your Own Marriage Vows," Rev. Gail Joralemon and panel, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Mar. 15: Colloquium on the Woman Abuse Syndrome. Seminar with Dell Martin and local practitioners. 10 a.m.-noon, Room 318 Hearnes Multipurpose Building. Free. Sponsored by the School of Social Work and the Missouri Division of Family Services. For further information, call 882-3020.

Mar. 15: "Becoming Functionally Non-sexist: For Men," 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center.

Mar. 16: Part I, Implications of Recent Changes in Agricultural Research Funding: Vernon Ruttan, Department of Agriculture and Applied Economics, University of Minnesota, 1:40 p.m., S-8 Memorial Union, "Agricultural Research: Perspectives on Resource Allocation Management and Productivity." Reaction by Dean Elmer Kiehl, College of Agriculture, and general question and answer session to follow. Sponsored by the Department of Agricultural Economics.

Mar. 18: Informal lecture on "States of Modern Print-making" by Frank Stack, professor of art, 3 p.m., Pickard Hall Auditorium, Museum of Art and Archaeology.

Mar. 19: "Eighteenth-Century Attitudes Toward Adolescence," Patricia Meyer Spacks, professor of English, Wellesley College, 8 p.m. in the Small Ballroom (N214-215), Memorial Union. Coffee at 7:30. Supported by UMC Development Fund.

Mar. 19: "Psychological Effects of Birth Control," Dorothy Rodgers, gynecologist, UMC Student Health Services, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Mar. 21: "Coping with Breast Cancer," Reach to Recovery volunteers, American Cancer Society, 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center.

Mar. 22: "The Curse: A Cultural History of Menstruation," noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Mar. 22: Student-faculty-staff convocation of the College of Agriculture on the development of a whole farm simulation model. Led by Edward Smith and Otto Lewer of the agricultural engineering department at the University of Kentucky, 3 p.m., Room 126 Physics Building.

Mar. 22: Part II, Implications of Recent Changes in Agricultural Research Funding: William Pfander, associate director, Missouri Agricultural Experiment Station, "Missouri Agricultural Research Programs: Where Do We Go From Here?" 1:40 p.m., 208 Brady Commons. Sponsored by the Department of Agricultural Economics.

Mar. 23: Workshop on development and verification of the whole farm simulation model for faculty, staff and students interested in planning, developing or using models, 10 a.m., Room C210 Brady Commons. For more information, contact George Garner, UMC forage livestock coordinator, 882-7696.

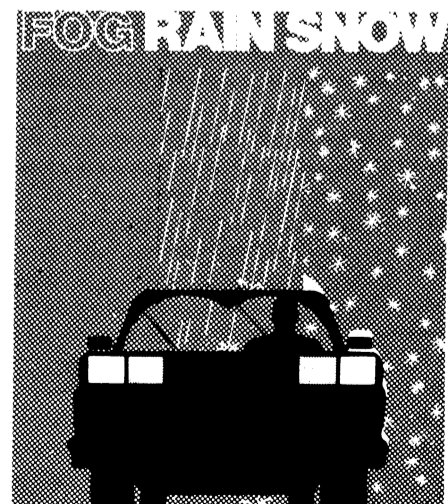
Apr. 2: "Vegetarianism," Project EAT — Educating Appetites for Tomorrow, 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 4: "Basics of Gardening," Val Andrew and Wally Palm, agronomy students, 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 5: "Kicking the Junk Food Habit," Project EAT — Educating Appetites for Tomorrow, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 9: "Androgyny: The Best of Both Worlds," Barbara Bank, assistant professor of sociology, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Safety Views



KEEP HEADLIGHTS ON LOW

Announcements

Social work colloquium

A colloquium on "The Woman Abuse Syndrome" will be held March 14 and 15 at UMC. Included are a film showing, lecture and seminar.

The colloquium is the second in a series by the School of Social Work in the UMC College of Public and Community Services and the Missouri Division of Family Services.

On March 14, the film, "Battered Wives," will be shown at 3:40 p.m. in Rooms A and B of Lewis Hall. The film features Maria Roy, a leader in the A.W.I.C. (Abused Women's Aid in Crisis) House movement.

At 7:30 p.m. March 14, Del Martin, author of the book, "Battered Wives," will speak on "Wife Abuse: Origins, Practices, Solutions" in 309 Hearnese.

On March 15, Martin and local practitioners will conduct a seminar on woman abuse from 10 a.m. to noon in Room 309 of Hearnese Multipurpose Building.

University Theatre

Tom Stoppard's satire, the **Real Inspector Hound** will be presented by the University Theatre at the Fine Arts Centre opening Wednesday, April 14. Performances will be held nightly at 7:30 p.m. through Saturday, March 17, with a matinee at 2:30 p.m. Sunday, March 18.

Directed by theatre professor Weldon

Durham, the hour-long comedy spoofs a murder-mystery melodrama on the surface, and confronts the relationship between theatre and life underneath.

Because the play is produced in an area formed by the audience seated on stage, only 180 reserved seats are available for each performance. The University Theatre box office opens weekday afternoons from 3 to 5 p.m. beginning March 12. Admission is \$3 general public; \$1.50 students.

For further information, call the Theatre office, 882-2021.

Monte Carlo Circus

The Monte Carlo Circus will appear at the Hearnese Multipurpose Building for five performances March 16 through March 18.

Tickets at \$4.50, \$5.50 and \$6.50 are available at the Hearnese Auditorium box office from 9 a.m.-5:30 p.m. Monday through Saturday.

Scheduled performances for the three days are:

Friday, March 16 — 7:30 p.m. (KOMU-TV night with all tickets \$2 off)

Saturday, March 17 — 2 p.m. (\$1 off tickets for children under 12) 7:30 p.m.

Sunday, March 18 — 1:30 p.m. 6 p.m. (\$1 off tickets for children under 12)

Under the auspices of Ringling Bros. and Barnum and Bailey Combined Shows, the circus is a one-ring, European style circus.

"Festival International du Crique

de Monte Carlo Spectacular" consists of aerialists, daredevils, acrobats, animal trainers and clowns from a host of foreign countries.

English lecture

Patricia Meyer Spacks, professor of English at Wellesley College, will present a guest lecture entitled "Eighteenth-Century Attitudes Toward Adolescence" as part of the English Lecture Series Monday, March 19 at 8 p.m. in the Small Ballroom of Memorial Union.

The lecture results from a year-long project of research in theory and practice of raising and educating youth, and is also part of a Folger Library Seminar Series.

Coffee will be at 7:30.

Spring break trips

Faculty and staff are invited to join students in three trips organized by MSA over spring break.

For \$146, individuals can stay six days and five nights at the Padre South Hotel on the beach at Padre Island, Texas, and for \$150 can vacation at the Beach Plaza Hotel in Ft. Lauderdale, Fla.

Departure for both trips, sponsored by the MSA Travel Committee, is from the Greyhound Bus Depot Saturday, March 24.

MSA Wilderness Adventures is also inviting faculty and staff to Big Bend National Park in southern Texas for six days of hiking and camping. Cost of the

trip is \$110 if you have your own equipment, \$120 if you don't, and includes transportation and a steak barbecue.

For more information on all three trips, contact the Memorial Union Ticket Window, or MSA offices in Read Hall.

Pre-registration

Pre-registration for the summer and fall sessions at UMC will be held March 19-23.

Summer registration packets will be prepared automatically for all students currently enrolled in the Graduate School. Undergraduates and new students planning to pre-register for summer must request a permit to enroll by March 2 from the admissions office, 130 Jesse Hall.

Fall registration packets will be prepared automatically for all undergraduate and graduate students currently enrolled.

Registration packets and schedules of courses will be available at the various academic deans' offices immediately before and during pre-registration. The individual deans will determine when to make the packets available for distribution.

Summer session fee statements will be mailed to local addresses with a payment due date of May 11. Fall semester fee statements will be mailed to students' permanent addresses. Fall semester fees are due in July. Due date will be printed on the statement.

Veterinarians help Sturgeon cope with crisis

When the disaster occurred in Sturgeon, Missouri, Jan. 10, several College of Veterinary Medicine faculty were able to provide fast, reliable advice and on-the-scene help for local authorities and residents.

Just before midnight, one of the trucks supporting a railroad tank car collapsed while a train was passing through Sturgeon. The tank car carried 20,000 gallons of orthochlorophenol, destined for Washington state to be used in treating wood.

When the truck gave way, the moving tank car sagged to the track bed and ruptured, spewing out the noxious chemical for 900 yards along the railroad's right-of-way.

Local officials quickly reacted to the spill by ordering all 800 residents of Sturgeon and nearby rural areas to evacuate because of the potential hazard. As the pungent fumes of orthochlorophenol wafted up in the cold night air, that air was also filling with unfounded rumors such as cattle near the spill dropping dead. Concern was growing into fear because no one knew the toxic nature of the tank car's contents.

One of the first faculty members to take an active role in coping with the disaster was Donald Blenden, professor of veterinary microbiology. Blenden is also a ham radio operator and currently serves as emergency coordinator for the Amateur Radio Emergency Service in central Missouri. He was alerted to the potential need of emergency messages in and out of Sturgeon and neighboring communities via radio.

While in the role of radio coordinator, Blenden met with several county and city officials at the Emergency Operations Center in Columbia. Aware of his background, officials at that meeting discussed with Blenden the health hazards of such a spill. Blenden answered questions to the best of his ability even though many of them were not in his area of expertise. As he said, "Community health is my business, not toxicology, but I certainly know where to find toxicologists."

Blenden gave the officials the names of Gary Osweiler, associate professor of veterinary anatomy-physiology and an expert

in chemical toxicology, and Arthur Case, extension veterinarian and toxicology expert at the Veterinary College.

One of the first tasks facing the three faculty members was to have someone properly identify the spilled chemical — some people were calling it "carbolic acid." After proper identification was made, Case and Osweiler were able to provide better help.

Osweiler was contacted by two area veterinarians who had been called by local farmers and pet owners concerned about animals left behind in the evacuation.

Osweiler was able to quickly answer questions about the toxic properties of orthochlorophenol because last summer he had prepared a report of the substance for the Environmental Protection Agency.

When word came to Blenden that the Missouri Department of Agriculture was sending a veterinarian to Sturgeon the day after the accident to inspect the spill, Blenden requested that someone from the Veterinary College accompany him. The veterinarian was Donald Mueller, who had just started work as a public health resi-

dent.

Arriving in Sturgeon, Mueller responded to questions with firm facts about the hazards presented and quelled needless fears. For example, a farmer whose cattle and baled hay were down-wind of the spill was very concerned about his animals' health and whether or not his hay had been contaminated by the chemical's evaporate. The farmer relaxed when Mueller told him some of the signs of orthochlorophenol poisoning (the cattle were not showing any), and that his hay was probably not ruined.

By the time Mueller arrived in Sturgeon, representatives from the Kansas City office of the Environmental Protection Agency were already there and had monitored the air from several localities. They stated that they found no hazard present in the atmosphere.

Assessing the crisis, Case, Mueller and Osweiler concluded that in spite of the foul odor in the air, the concentration of the chemical's evaporate was probably not enough to be toxic outside of the immediate area of the spill.

Within a week following the spill, a private firm was cleaning up the chemical.

Bodenhamer retires from extension

Schell H. Bodenhamer, College of Agriculture associate dean for extension, retired Feb. 28 after 32 years with the University. He has served as associate dean since 1965.

Bodenhamer's service to the university dates back to 1947, when he started with the extension programs as an assistant county agent, working his way to poultry specialist, administrative assistant,

district director and finally, associate dean in 1965. Throughout that time he displayed a capacity for wide-ranging interests, from poultry raising to interpersonal communication and adult education.

While Bodenhamer relinquished his associate dean position Feb. 28, he will remain on the University faculty through June.

Dean Kiehl will return to UMC

Elmer R. Kiehl, long-time dean of the College of Agriculture, is vacating the position April 16 for a one-year leave of absence to serve as chief of the research division for the Board of International Development in Washington, D.C. At the end of the leave, he will return to UMC as a faculty member in another capacity.

An interim dean will be named to serve

as head of the College of Agriculture until a permanent dean can be found.

Kiehl is regarded as a major figure in the development of the national and international agricultural food policy, and has served on national study groups and commissions by direct appointments from Presidents John Kennedy, Lyndon Johnson, and Gerald Ford.

CAMPUS COLUMNS

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National Secretaries Week April 22-28 at UMC

The University chapter of the National Secretaries Association will hold a banquet on Tuesday, April 24 at 6:30 p.m. in the Memorial Union Large Ballroom in observance of National Secretaries Week, April 22-28.

The speaker will be Ron Litherland,

former professor and director of counselor education at Moorhead State University, Minnesota, and the creator of Adventures in Attitudes seminars, which emphasize improvement of self-concept.

Tickets for the banquet are \$6.60. For reservations, call Eileen Baxter at 882-4021

before April 18.

The Singasons, a 16-piece music group from the University Music department directed by Ira Powell, will provide entertainment at the banquet.

On Sunday, April 22, the University chapter will hold a buffet brunch together with the Columbia chapter of the National Secretaries Association in the Hawthorn Room of Memorial Union at 9 a.m.

This is the 28th annual observance of National Secretaries Week, sponsored by the National Secretaries Association

(International), the leading secretaries association. Wednesday, April 25 has been recognized as Secretaries Day.

The week's objective is to call attention to the secretarial skills that "business and government depend" on and to "call attention through favorable publicity, to the tremendous potential of the secretarial career."

In 1972, President Richard M. Nixon gave official recognition to the secretarial profession as the result of a letter from International President Angeline Krout.

Cunningham honored April 17

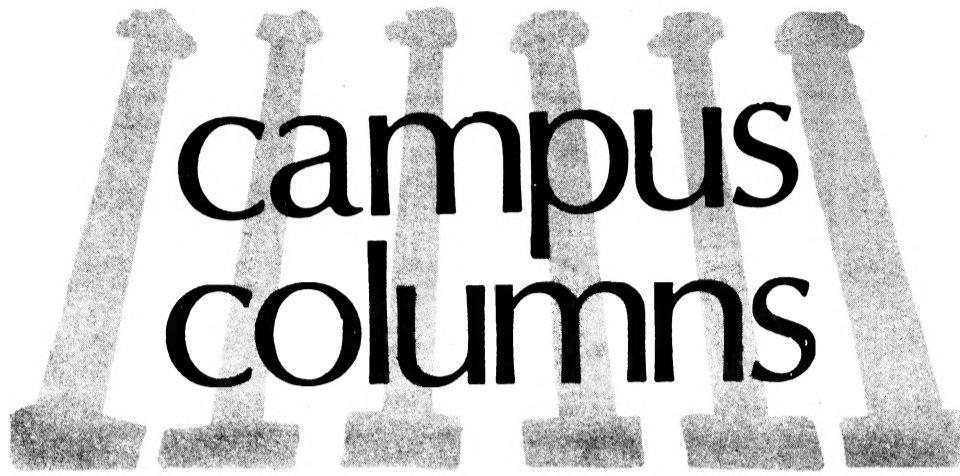
Chancellor Barbara S. Uehling will present the University system's Thomas Jefferson Award to UMC history professor Noble E. Cunningham Jr. in campus ceremonies April 17, Thomas Jefferson's birthday.

The award is given annually to a member of the UM community who "best exemplifies the principles and ideals" of Jefferson. Cunningham has been a lifelong investigator into the political life of Jefferson.

The ceremony is scheduled at 4 p.m. on the Francis Quadrangle at the original obelisk that marked Jefferson's grave. A

reception will follow at the Chancellor's Residence.

Cunningham's selection was made by a UM system committee from nominees submitted from throughout the four campuses. His selection comes shortly after publication of his sixth book, "The Process of Government Under Jefferson," which has been nominated for the Pulitzer Prize. Also, Cunningham's three-volume work, "Circular Letters of Congressmen to Their Constituents, 1789-1829," was published last year after nearly a decade of meticulous editorial scholarship.



UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 10, No. 9

Wednesday, April 4, 1979

Staff Council discusses representation, communication

At its March 21 meeting, the Employees' Staff Advisory Council discussed the recent union vote establishing exclusive recognition, and considered its responsibility to reflect the concerns of staff — both union and non-union — and its right to seek input from all staff, including union members.

The council determined it may want to invite union representatives to some meetings to obtain information, just as it would invite Faculty Council or other campus groups. Two council members, Richard Lewis and Jerry Nichols, are union members, and the council also felt it could receive union views through them. However, the council determined that as an advisory group, it was not appropriate to formally communicate with the University's unions.

In other business of the March meeting, Kee Groshong, chairperson of the Organization Subcommittee, reported that his committee is drafting bylaws and a

constitution for the staff council, based on the constitution of the staff council from the University of Colorado.

Groshong also said that the staff representatives for the Committee on Committees, Bill Riley and Doug Wolfersberger, felt there should be more staff representatives on campus committees. As a result, the council passed a resolution recommending to the chancellor that the Committee on Committees review staff slots on committees, with the goal of increasing staff participation. Riley and Wolfersberger will form a subcommittee to spearhead the effort.

Chairperson Charity Flack said that five issues had been identified for further study by the Communications Subcommittee. Discussed were:

- suggested ways of changing the publication, Campus Columns;
- the compilation of an accurate mailing list for staff;
- a plan for welcoming new staff and

making them aware of the Employees' Staff Advisory Council and its activities;

—adding more detail, such as location, to the weekly listing of employment opportunities from personnel; and

—giving staff the option of receiving entertainment and produce-availability notices now sent solely to faculty.

The council heard a report from Cathy Kernen, editor of Campus Columns, on the history of internal publications at UMC and changes that could be made.

Libby Miederhoff, head of the Compensation and Staff Benefits Subcommittee, reported that that committee has met twice and is now researching wage and salary guidelines. Miederhoff said at their next meeting they will concentrate on staff benefits.

Garf Thomas reported that the Resource Management Council has concluded its 1980-81 budget recommendations to the

chancellor. Thomas said discussion on the 1979-80 budget has been discontinued for now.

Council chairperson Steve Cox and Cliff Manlove were the staff representatives selected to interview the candidates for director of equal opportunity, while Miederhoff and Groshong interviewed a candidate for vice chancellor for administrative services. The chancellor's office also requested that the council submit three names for the Search Committee for Dean of the College of Agriculture.

Cox said he had been requested to speak on activities of the council to a number of staff groups at brownbag sessions and asked other staff council members to help at sessions.

The next council meeting is scheduled for April 20 at the Memorial Union.

Contemporary music competition to begin with Copland seminar

The Missouri Contemporary Music Competition Symposium will open Wednesday, April 11 at 10 a.m. in the Fine Arts Recital Hall with "A Conversation with Aaron Copland."

A Composition Seminar for young composers will be held in Rooms 146 and 148 of the Fine Arts Building at 1:30 p.m.

Performances of compositions written by the winners and judges of the competition will be presented at 7:30 p.m. in the Fine Arts Recital Hall.

The national winner and recipient of the \$1,000 Discwasher Prize, Karl Korte of Austin, Texas, will perform the Piano Trio. Missouri winner Christopher Hills will perform Quintet for Clarinet and

Strings and Erik Stenberg will perform Sonata for Unaccompanied Violin.

All of these events are free of charge and the public is cordially invited to attend.

Judges performances will be The Piano Sonata by Aaron Copland, Tangents IV for Piano and Tape by Hanley Jackson and a feature performance of Ecstasies of Janus by T. Scott Huston.

The competition is sponsored jointly by the UMC music department, the Missouri Public Radio Association, Discwasher Inc., and the Missouri Arts Council.

The 1978-79 chamber music competition grants were funded by the University Graduate Student Association and the Subcommittee on University Lectures.

Union locals gain exclusive recognition

Last month, staff on the four UM campuses voted to grant exclusive recognition to three local branches of the AFL-CIO. The locals will now represent all University public service and maintenance employees in negotiations for wages, hours and working conditions, whether or not the employees are dues-paying members of a union.

The voting was supervised by the Missouri Board of Mediations. There were 1,403 votes cast in favor of exclusive recognition, with 172 employees opposing it.

If the proposal had been voted down, the unions would have lost their previous representation of dues-paying members. Now they will represent all employees in a class, as defined by the Missouri Board of Mediation.

Unions have represented dues-paying members at the University since 1966. On the Columbia campus, Public Service Employees Local 45 represents all full-time service and maintenance employees.

The vote does not mean that employees will have to join the union.



More doggone snow — Most of us weren't exactly thrilled at the change in the weather last week, and neither was a friend waiting outside Jesse Hall.

UMC's glassblowing wizard Diana Denman

UMC staff member Diana Denman has mastered a skill many would envy: she has figured out how to do what she wants and get paid for it at the same time.

And although Denman has been burned a few times in pursuing careers she likes, it hasn't slowed her down. Because, as she says, it happened only twice last year and that's pretty good.

Denman is now the first woman to be a glassblower trainee with the UMC Glassblowing Service.

Twenty-five-year-old Denman started with the University five years ago as an accounting clerk at the Medical Center. "I could see I wouldn't get very far doing that," she says. "Women who had been there seven years were still getting low salaries. So I started looking. At the time, I was living on a farm that had goats and chickens. I loved working with animals, so I applied to be an animal technician at the vet clinic. I worked there three and one-half years, and enjoyed it, but found that after a certain point their system didn't allow for advancement. So I started looking around again.

"I had been making pottery for about four years by that time," Denman continued. "A friend of mine had blown glass, and I was interested in trying it."

One day at work she noticed a job opening for a glassblower trainee. Denman knew this was it. "I thought, if I get the job I'll get a salary increase — and they'll pay me to learn glassblowing!"

She got the job hands down, since with her artist's manual dexterity, she was a natural. She had no problem with learning the technical nature of glass, or learning to form it, but was taken aback at first by an unusual aspect of the position — dispensing liquid nitrogen.

"The man who had the job before me quit because he didn't think he should be asked to do that, but it was okay with me," Denman recalls. "The way the funds are situated, there is not enough money for two full-time glassblowers. So in the afternoons, I run the Cryogenics Shop."

In the Cryogenics Shop, room air is condensed and the resulting nitrogen cooled to -317.9 F, and then purified by distillation. The resulting liquefied nitrogen is used all over campus — at the reactor, to cool the beam port and detectors; in the hospital for surgery; in

agronomy to store fungal spores, and in experiments involving freeze drying.

"Some of the people who came to pick up the nitrogen were a little surprised at first to see a woman in that job," Denman relates, "but they got used to it after a while." Besides being the first woman in the job, Denman may also be one person on campus who deals daily with nature at its extremes: at its hottest in the mornings, when she blows glassware at 2930 C, to its lowest in the afternoons, when she dispenses liquid nitrogen. Denman grins. "I guess I'm an alchemist in my own right," she jests.

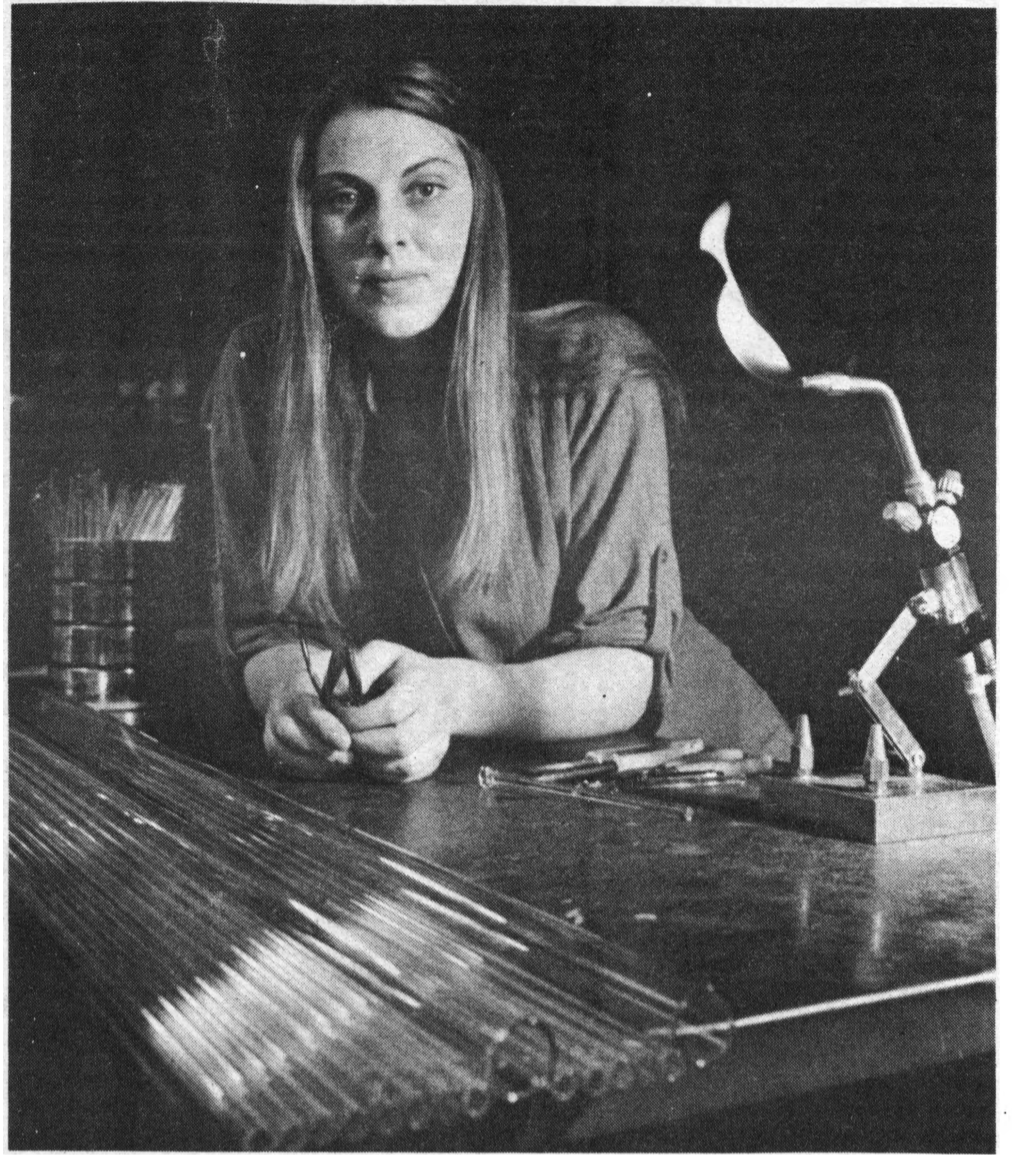
But glassblowing? Can it really be turned into a profitable career? "After five years' experience, I could be welcomed anywhere in the world with this skill," Denman explains. "Any country is happy to accept good scientific glassblowers — they are always in demand."

Denman blows small glassware by hand — or mouth — herself, but uses lathes and multiple burners for larger glass. After the glassware is formed, it is annealed — heated to high temperatures, then gradually cooled, to take out stress points.

"Mostly we make special apparatus for departments, or we modify stock equipment already purchased to departmental specifications," Denman says. "We can also make some equipment cheaper than manufacturers sell it, and once departments find out, they call us. We often repair equipment, too, to save departments from having to replace it."

The shop located in the basement of the Physics Building serves all UM campuses and other Missouri universities, and takes in orders from across the United States as well. Denman's supervisor is Don Murray, who started as a glassblower trainee himself at the University 17 years ago. Murray, who has no doubt been asked the question before, patiently explains that teaching Denman glassblowing is no different than teaching a man. A master of his craft, Murray says without reservation, "Diana can be as good as I am. She has the right moves, the right feel for it."

"It may look easy," Denman says, "but you have to be sensitive to blow glass, and it takes at least three to five years to perfect the skill. It will be a while until I'm as good as Don. You have to learn to



Diana Denman

control the heat of the flame by listening to its sound and watching its shape; and the glass has to be rotated fast enough so it won't slump, since it is flowing constantly; you have to know how hard to blow or not to blow, and the characteristics of the different types of glass — there is a balance going on all the time."

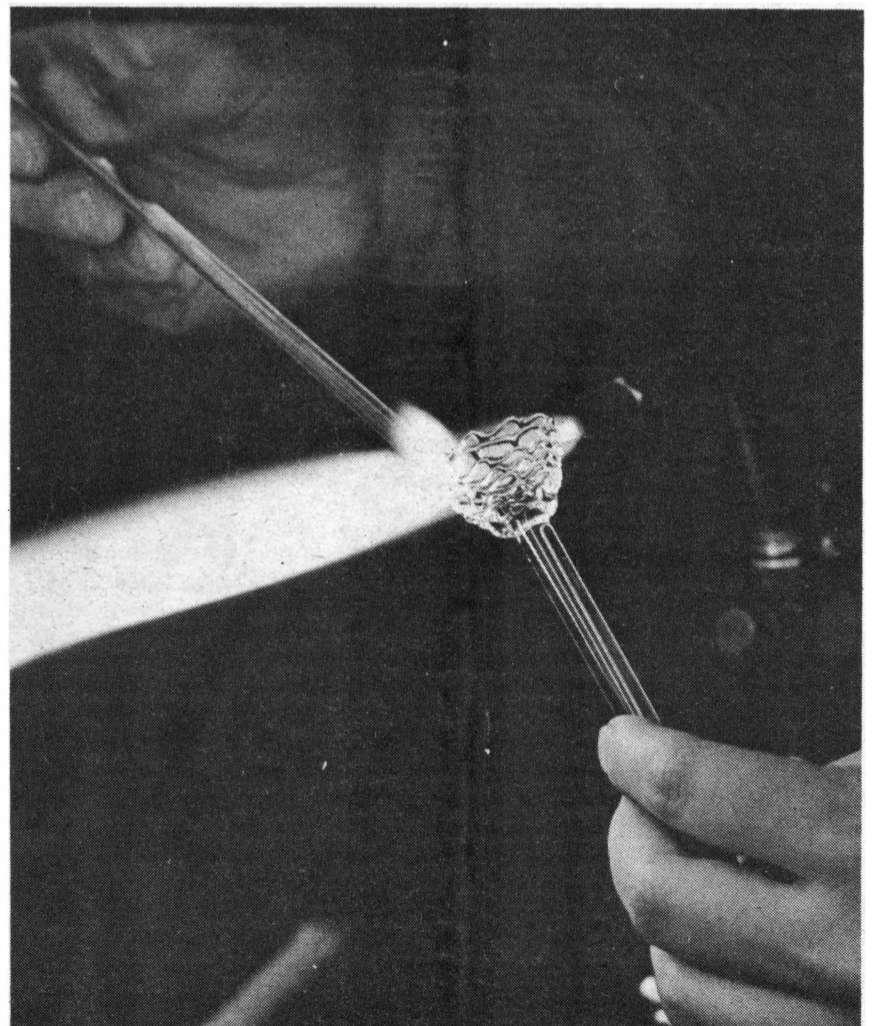
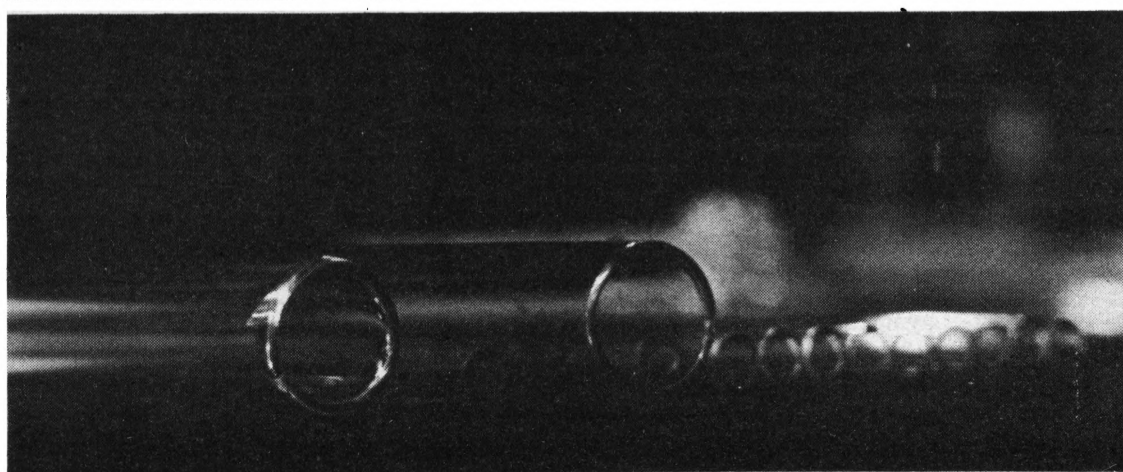
Of her job, Denman says, "I like it a lot — I'm very fortunate. Women don't realize that trainee programs like mine are available on the campus. But possibilities exist all over the University. If you take a trainee-level technical job, you start at a

salary as high as a secretary's and usually higher. After that, salaries for skilled trades simply escalate.

"I find the training enjoyable, and I believe trade jobs keep you in better physical condition — you're not sitting around all day. You have more self-esteem and confidence on-the-job because of the competitive thing."

The competitive thing?

"You know," Denman quips, "the fact that any woman can do a job as well if not better than a man."



UMC researchers working to eliminate rust

Workers in Texas dig for hours to unearth a natural gas pipeline for inspection. Just months before, co-workers were killed when a line ruptured and exploded.

While driving through rush-hour traffic, a woman is surprised by a metallic banging under her car. She stops and discovers that her muffler has fallen off.

There is one culprit behind both these events: rust. Researchers at UMC are studying this corrosive process to find a way to prevent the billions of dollars worth of damage it causes each year.

Thomas Wolfram, physics department chairman and theoretical physicist for the project, says the researchers want to be able to design corrosion inhibitors by studying what takes place in the surface of the metal.

Corrosion inhibitors developed in the past were the result of trial and error, he says. "A drop of this and a drop of that — black magic recipes. The knowledge of what really goes on is entirely lacking."

The goal, says Wolfram, is to understand how the inhibitors work and discover what causes corrosion. "We're looking for underlying principles so we can give intelligent applications."

Wolfram says that inhibitors are

chemically absorbed in the weak surface areas of the metal that are most susceptible to attack. In the past, scientists thought that an inhibitor altered the properties of the corrosion-causing fluid, but Wolfram says the molecules of the inhibitor are absorbed into the metal.

Wolfram is confining the study to a single atomic layer in order to observe the interaction of molecules of the metal, the inhibitor and the corroder. He says the researchers have chosen "some totally new approaches" in scrutinizing the microscopic area.

One "new approach" was inelastic electron tunneling spectroscopy, also being used by 10 other labs around the world which are studying molecular absorption. The 13-year-old method was discovered by scientists at Ford Motors Research Lab in 1966. Wolfram published a book on the method as the result of an international conference on electron tunneling held at UMC in May, 1977.

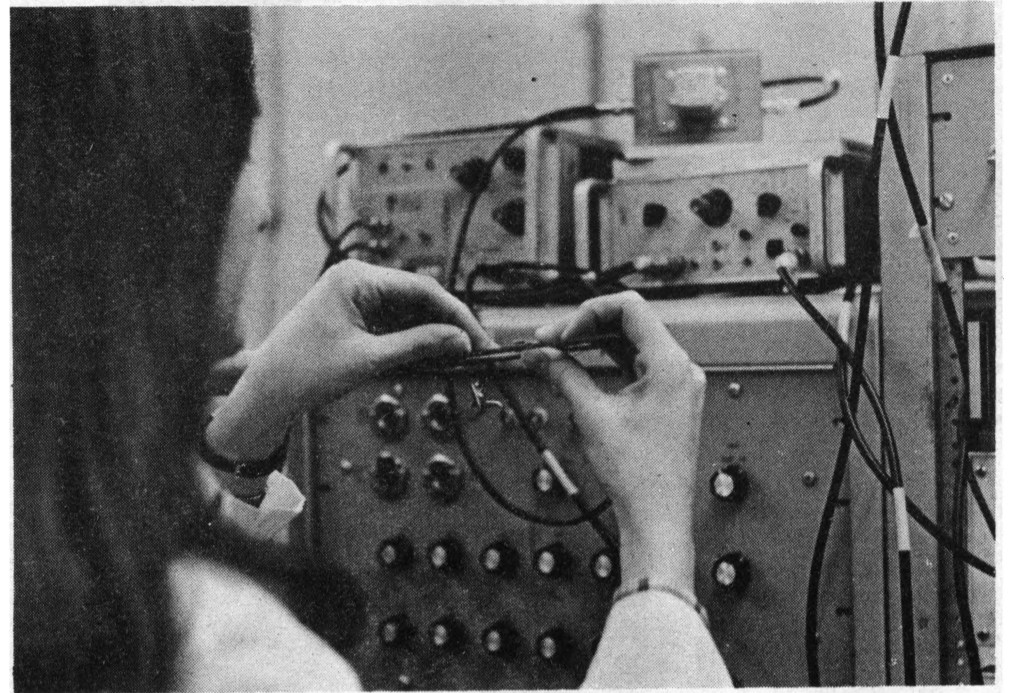
By a careful comparison and analysis with known patterns, Wolfram hopes to determine the system of interaction of the inhibitor and the surface oxide. From there, causes of weakness that permit corrosion can be discovered.

Once the principles are discovered for

preventing corrosion, they can be applied to other metals with weaker oxides.

"The impact will depend on what we will

come up with in the next year or two," he says. "One good idea in this area could be worth a billion dollars, literally."



Graduate research assistant Linda Godwin prepares aluminum for testing by the IETS method.

Third annual savings bond drive underway

UMC and UMca's third annual savings bond drive kicked off March 26 with a meeting of division canvassers and a drawing for six \$25 savings bonds. Gary Zwonitzer, assistant fiscal operations officer, is chairing the drive for Columbia campus; Bill Chancellor, manager UM budget reporting, is the chair for University system employees.

Bonds are available in \$50, \$75 and \$100 denominations at prices of \$37.50, \$56.25, and \$75 respectively. Other denominations which may be designated on enrollment cards are \$25 bonds for \$18.75; \$200 bonds for \$150 and \$500 bonds for \$375. When held to maturity savings bonds earn 6 percent interest.

Deputy State Director Kemble Tinsley and District Director Earl York of the Department of the Treasury gave a brief presentation on the value of savings bonds at the joint meeting.

Winners of the savings bonds at the meeting were: Betty Baysinger, senior administrative assistant, public and community services; Nan Begeman, senior secretary, education; Linda Smoot, secretary, nutrition; Mary Washington, personnel records supervisor, UM personnel services; Denise Matroni, fiscal assistant, B & PA; and Nancy Toalson,

senior secretary, Memorial Union.

Division canvassers for the Columbia campus are Billye Adams, Graduate School; Lela Agee, Provost for Administration; Walker Allen, hospital; Jackie Anderson, College of Home Economics; Betty Baysinger, College of Public and Community Services; Carol Baldwin, College of Engineering; Jim Beckett, physical plant; Nan Begeman, College of Education;

Ken Bittner, Provost for Administration; Ellen Blair, libraries; Barbara Breen, Graduate School; Binkie Brown, libraries; Norma Castleman, School of Law; Helen Chrisman, College of Arts and Science; Bill Dalzell, Alumni Center; Pat DeLong, College of B & PA; Debbie Dexter, Provost for Administration; Vicky Edwards, School of Law; Martha Fortney, housing; Gail Greene, Vice Chancellor for Student Affairs;

Phyllis Kaser, College of Engineering; Sue Lenzenhuber, School of Law; Evelyn Lindell, College of Agriculture; Fran Malloy, Graduate School; Denise Matroni, College of B & PA; Joan McGrath, business operations office; Delores Melloway, School of Vet Medicine; Ruthann Perkins, research reactor; Mary Frances Potter, School of Journalism; Annette Reinsch, OPI;

Ralph Rogers, College of Agriculture; Maydell Senn, library and informational science; Laverne Shelley, College of Home Economics; Virginia Shepard, hospital; Daryl Short, College of Education; Carol Slusher, extension; Linda Smoot, College of Home Economics; Bill Speer, hospital;

Judy Stock, College of Engineering; Nancy Toalson, Memorial Union; Wanda Wells, Dalton Research Center; Ann Williams, College of Education.

Persons who do not receive enrollment cards can contact Zwonitzer at 325 Jesse Hall.

Krauskopf is recommended for appeals court judgeship

Joan Krauskopf, professor of law, is one of five nominees recommended to President Carter March 12 for appointment to the federal Eighth Circuit Court of Appeals.

The nominees will be reviewed by the Justice Department, the FBI and a special committee of the American Bar Association and one or two names recommended to the White House. The President will forward his choice to the Senate for confirmation.

A fulltime faculty member at UMC since 1974, Krauskopf, if confirmed by the Senate, will become only the fifth woman in U.S. history to sit on the appellate court.

Under a presidential executive order issued last year, Circuit Court judges are recommended from lists submitted by

merit selection panels. Carter has instructed the panels to find well-qualified women and minorities.

The Eighth Circuit covers Arkansas, Iowa, Minnesota, Missouri, Nebraska, North Dakota and South Dakota. If Krauskopf receives the presidential nomination and Senate confirmation, she will be the first Law School faculty member to be selected for the high court. Several UMC law graduates have been appointed to the appellate bench over the years.

UMC Law School Dean Allen Smith said that if Krauskopf wins the appointment, he hopes she will continue her affiliation with the school as an adjunct professor of law.

Krauskopf's husband is a member of the UMC psychology department.

CAMPUS COLUMNS

(USPS 711-780)

Campus Columns is published monthly except July and August, and is published twice in September for the information of all University of Missouri employees on the Columbia campus. It is edited under the supervision of the Office of Public Information in cooperation with the Personnel and Business Offices. Contributions and information for this paper should be sent to 329 Jesse Hall.

For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

Editor: Catherine Kernen

The University of Missouri
An Equal Opportunity Institution

UMC-city will get trash-to-energy grant

The U.S. Department of Energy has approved \$41,500 for a feasibility study on a joint UMC-City of Columbia proposal to convert trash to energy.

One of only 20 projects across the country selected for funding out of the nearly 2,000 proposals, the feasibility study will enable the city to employ the consulting firm of Horner and Shifrin of St. Louis to:

—Update a 1974 city-funded research project on shredded solid waste as a supplementary fuel for the municipal power plant.

—Examine the feasibility of using unprocessed solid waste as a fuel.

—Consider the desirability of directly injecting gases created from the initial trash burning into a gas-fired boiler.

For several years, the University has had an interest in alternatives to landfill and incinerator methods of trash disposal.

Only recently, however, have the alternatives become technologically and economically feasible.

In 1977, UMC officials visited municipalities and universities that have conversion systems and last spring they formed the ad hoc committee that directed preparation of the Department of Energy grant proposal.

This past fall, Horner and Shifrin received a \$15,000 contract from the city and the University to begin preliminary investigations into the advantages of recovering energy from solid waste.

Committee members are Rex Dillow, assistant director of the UMC physical plant; Louis Holroyd, professor of physics and associate coordinator of safety and risk management; George Preckshot, professor and chairman of chemical engineering; Kee Groshong, assistant business operations officer; David

Wollersheim, associate professor of mechanical and aerospace engineering; and Ray Beck, director of the Columbia Department of Public Works, project manager.

EMPLOYEE ASSISTANCE PROGRAM

A program for faculty and staff is a confidential referral service for all employees and their families who are seeking solutions to persistent personal or work-related problems.

TAKE ACTION . . . Call 882-6701
UMC Employee Assistance Program
215 Columbia Professional Building

Employees recognized for long years of service at



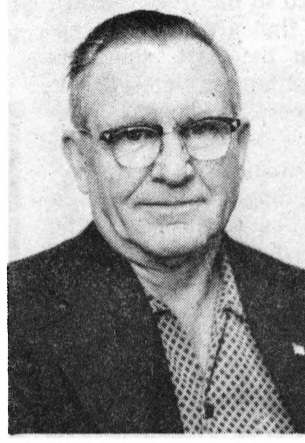
Anna Currence
outpatient dept.
25 years



Ruth McCown
surgery
25 years



Bessie Henson
Nutrition & dietetics
20 years



Joseph McClellan
plant engineering
20 years



Gertrude Redden
nutrition & dietetics
20 years



Ruth M. Sparks
housekeeping
20 years



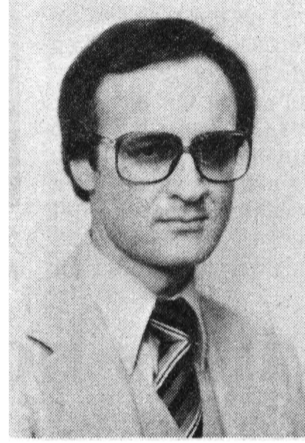
James K. Twitchell
plant engineering
15 years



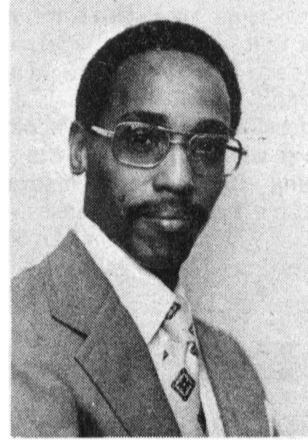
Marjorie Tolan
business office
15 years



Shirley F. McGee
outpatient clinics
15 years



Paul E. Tipton
business office
15 years



Millard L. Young
housekeeping
10 years



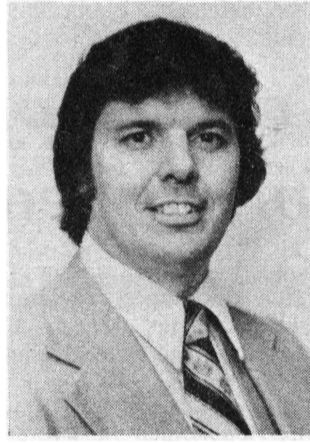
Juanita Mustain
unit management
10 years



Ruth M. Hall
central supply
10 years



Maxine Rosser
unit management
10 years



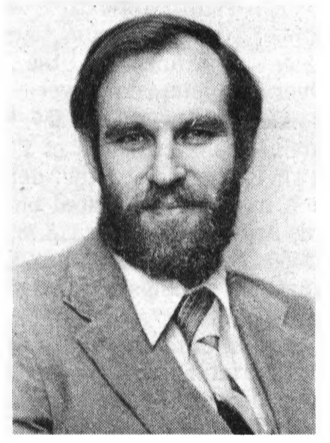
Lyle Stockton
management engineering
10 years



Ella M. Drewery
nursing
10 years



Lillie Mae Clyce
nursing
10 years



Douglas Stinson
admissions
10 years



Mary Roddy
nutrition & dietetics
10 years



Mary Ann Stogsdill
family medical practice
10 years



Muriel W. Leach
School of Nursing
10 years



Geraldine S. Bellamy
radiology
10 years



Janie Hayden
pathology
10 years



Margaret Reams
nutrition & dietetics
10 years

Medical Center 5-year service awards

Flora Naydean Ash, nursing; Cheryl Aufenkamp, pathology; James William Baskett, security; Donna Brown, nursing; Theresa Jane Burger, family practice; Mary Helen Cahill, nursing; Shirley Capps, nursing; Nancy Case, pathology; Nancy Chambers, medicine; Sirichai Chatametivong, pathology; James D. Coats, plant engineering; Roxie Adon Cockrell, housekeeping; William Coleman, housekeeping; Janette Dunlap, MPIP; Gloria June Ealey, nutrition & dietetics;

Alice Eigel, nursing; Nelda June Gentry, housekeeping; Mary Katherine German, radiology; Steven Lynn Graves, computer center; Terri Lynn Grimes, fiscal service; Mary Ann Hafer, dean's office; Michael R. Halliburton, central supply; Philip Lynn Harrison, respiratory therapy; Doris J. Harvey, nursing service; Ann Marie Heath, medical records; Francelle Hickman, radiology; Sixto B. Ilagan, nutrition; Avis H. Jackson, nursing; James Elijah Johnson, nursing; Joyce

Kays, dean's office; Susan Billiard Langer, nursing; Ida Lucille Lewis, surgery; Walter Emerson Licklider, nursing; Glenda Kay Martin, unit management; Ronnie Mattingly, pathology; Ann M. Mericle, health services management; Lucy Ann Meyer, nursing; Paula Miller, MPIP; Kathryn Ann Moberly, nursing; Patricia Perkins Moore, nursing; Larry Morgan, personnel; Mary Alice McCune, nursing; Dorothy McKee, outpatient.

Maxine Nelson, housekeeping; Leona Mae Nichols, nursing; Ina Mildred Nowlin, nutrition; Robert Odesky, computer center; Kathleen Olmstead, nursing; William Oser, plant engineering; Edna P. Ott, unit management; Marguerite Ann Palo, computer center; Ellis Ann Pool, nutrition; Patricia E. Preneger, anesthesiology; Patricia Prince, nursing; Annie Alice Reed, nutrition; Harold Reed, plant engineering; Leona Sanders, nutrition; Barbara J. Shaw, nursing; Marcia Mae

the Medical Center



Virginia King
nutrition & dietetics
20 years



Frances Welsh
nursing service
20 years



Elmer McQuitty
nutrition & dietetics
20 years



Minnie Calvert
housekeeping
20 years



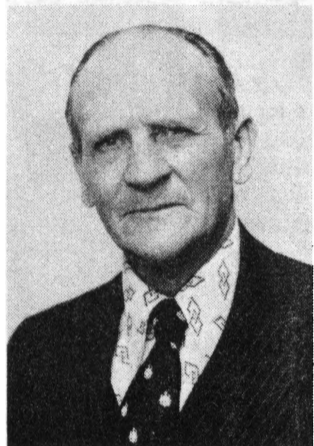
Betty L. Anthony
surgery
15 years



Myrna M. Bruning
nursing
15 years



Carol Ann Ritter
surgery
10 years



August Duffen
safety & security
10 years



Imogene Meyers
plant engineering
10 years



Don Murray
security
10 years



Agnes A. Hulén
accounting
10 years



Lucille Tucker
Ed Resource Group
10 years



Una Woodson
nursing
10 years



Joy Ingersoll
medical records
10 years



Martha Sue Dailey
unit management
10 years



Clara Strawn
nursing
10 years



Kay Frenzel
accounting
10 years



Sandra Sue Ballow
outpatient clinics
10 years



Harold Lynch
Ed Resource Group
10 years



Glenda Kay Pipes
Ed Resource Group
10 years

Promotions announced for campus, UM system

Columbia campus

Sondra Kay Bunton, from nursing tech. trainee to nursing tech.; Marjean Crane, from sr. receptionist to chief clerk; Jill A. Dodds, from secretary to sr. resp. lab tech; Monta Lee Duncan, from food service worker II to food service worker III; Tommye B. Goff, from collection clerk to supervisor Md Pr Inc Plan CMC; Michael W. Haldeman, from service station attendant to steamfitter appr.; Ellen C. Harbourt, from library clerk III to library assistant I; Ora Lynn Hatton, from clerk typist to senior clerk;

Janice V. Hayes, from food service worker II to food service worker III; Deena J. Hughes, from food service attendant I to food service attendant II; Deborah J. Jones, from stenographer to secretary steno; Vickie Jo Magley, from secretary steno to secretary; Rebecca Sue Moore, from clerk II to senior receptionist; Linda Faye Mosley, from senior stenographer to administrative secretary; Diane Marie Nestor, from stenographer to library assistant I; Jane E. Rigdon, from

animal technician to animal technician II;

Carla Ann Roberts, from senior clerk typist to secretary; Garry L. Schmitt, from glazier to supervisor building Sec. PP C; Susan Innes Shanklin, from library clerk II to library clerk III; Fonda Jean Smith, from nursing tech trainee to nursing tech; Junior Keith Summers, from janitor to lead janitor; William Joseph Vogel, from respiratory therapy tech to cert respiratory therapy tech; Emma J. Wells, from nursing tech tr to nursing tech; Luritta D. Williams, from nursing tech tr to nursing tech; Linda M. Williamson, from comp terminal operator to sr computer terminal operator.

University system

David Leroy Card, from lab mechanic to draftsman; Edward A. Eddings, from data controller II to computer programmer I; Betty June Gerzen, from secretary to legal secretary CA; Bonita Sue Lenger, from secretary to senior secretary; Linda Gale Noll, from secretary steno to secretary.

Campus 5-year awards

Sippel, outpatient; Doris Jean Speichinger, nursing; Edward H. Sullivan, unit management;

Susan Tipton, outpatient; Judith E. Turner, pathology; Ruth Marie Wallick, nutrition; Dari Ann White, medicine; Linda Loren Wyatte, radiology.

Bonita Sue Lenger, secretary, vice president for administrative affairs; Natalia Nadruga, editor, University Press; Becky Jo Schlotzhauer, senior secretary, vice president for administrative affairs; Robert William Heying, foreman agriculture;

Leo Grant Clevenger, meat processor, food science; Carl George Morris Jr., res. specialist, agronomy; Betty Jean Wefenstette, senior clerk, office of personnel services; Emma B. George, janitor, dormitories.

Retired

Barbara Arnsmeier, admissions; Helen M. Downing, housekeeping; Evelyn Harper, nursing.

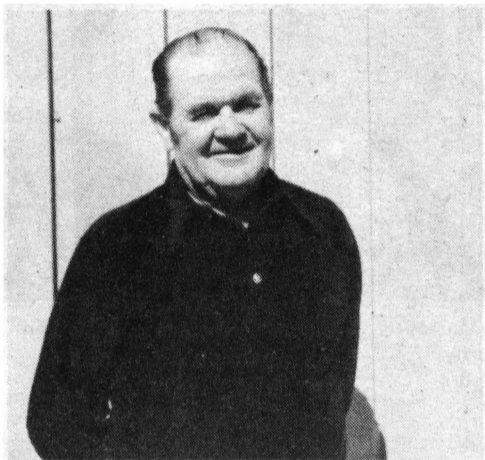
Columbia campus and UM system service awards



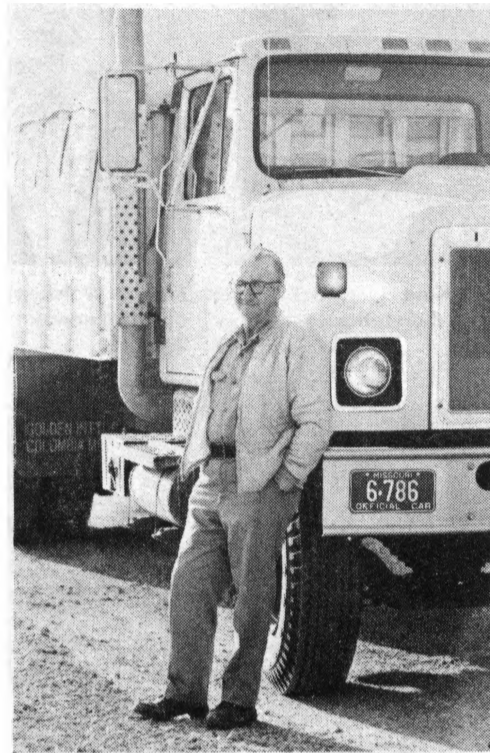
John A. Lister, assistant vice president for UM Business Management, has worked for the University 25 years.



Doris Thomas, administrative secretary in the agriculture office, has worked 40 years for the University.



Howard Doyle Brown, agriculture foreman with the North Missouri Center, has worked for the University 20 years.



Wayne A. Miller, agriculture foreman, Southwest Missouri Center, has worked for the University 20 years.



William Dennis
patrolman
University police
15 years



Franklin Brown
police sergeant
University police
15 years



Robert Lindsey
bldg. maint. cust.
dormitories
15 years



Wilbur Whitesides, mail service supply, business operations, has worked for the University 20 years.



Carl Milner, machinist welder, has retired after working for the University 16 years.

Welcome

Gary Wildebrandt, patrolman, University police; **Chris Clowe**, patrolman, University police; **Robert Young**, patrolman, University police; **Frances Lawson**, library clerk II, library; **Salvatore Dasta**, library clerk II, library; **Ellen Wyllie**, senior clerk, University extension; **Nancy Niebruegge**, cashier, fiscal operations; **Rachelle McAlexander**, library clerk II, library; **Terry Freelon**, food service worker I, dormitories; **Carl McLaughlin**, groundsman, physical plant; **George Edwards**, food service worker I, dormitories;

Mary J. Schaefer, research specialist, agriculture; **Barbara Timbrook**, sec. stenographer, College of Public and Community Services; **William Bentley**, janitor, physical plant; **Reed Jones**, janitor, physical plant; **Robert Edwards**, food service worker I, dormitories; **David Brown**, janitor, physical plant; **Connie Jean Groves**, janitor, physical plant; **Richard E. Williams**, janitor, physical plant; **Steve Wise**, janitor, physical plant; **Brian Archer**, janitor, physical plant;

Sherry P. Fuchs, sr. receptionist, vet. medicine; **Calvin Hoenshell**, research

specialist, agriculture; **Daniel Mowrey**, research specialist, agriculture; **Debra E. Cantwell**, sec. stenographer, registrar; **David Wayne Blake**, desk attendant, dormitories; **Leona Thornton**, library assistant I, education; **Lona Sharon Warner**, sr. clerk typist, engineering; **Denise Babcock**, stenographer, University extension; **Kymbria Wulz**, stenographer, agriculture; **Theresa Landgraf**, senior stenographer, band; **Carrie Hawk**, secretary, Co-op extension; **Joanne Brent**, library clerk II, library;

William Hainen, sr. research lab tech., agriculture; **Jill L. Mansfield**, secretary, University extension; **Cathy Huttunen**, receptionist, television station; **Vickie Wilson**, clerk typist II, purchasing; **Ruth C. Fuchs**, sec. stenographer, fiscal operations; **Billie Yvonne Newman**, janitor, dormitories; **Marvin L. Grant**, animal caretaker, vet. medicine;

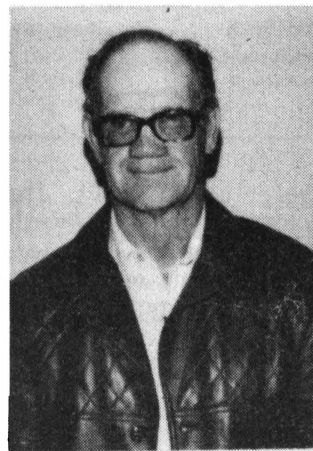
James W. Gadson, food service worker II, dormitories; **Garth A. Tyson**, animal caretaker, vet. medicine; **Candace Megahan**, library assistant I, library; **Lesfamibael Tewolde**, food service worker I, dormitories.



Russell Ethington
sr. electronic tech.
Graduate School
15 years



Jackson Wright
general counsel
UM system
15 years



Verner G. Nelson
agriculture supervisor
Southwest Center
15 years

Calendar of Events

Academic schedule

May 2: Classwork second semester ends 5:30 p.m.

May 3: Stop Day.

May 4: Final examinations begin.

Concerts, plays

Apr. 6: Children's Concert, 2:30 p.m., Jesse Auditorium.

Apr. 6: Orchestra Concert, 8:15 p.m., Jesse Auditorium.

Apr. 7: Master Classes, Music Building.

Apr. 8: Orchestra-Choral Concert Beethoven's Ninth Symphony: St. Louis Symphony, University Choral Union, and Faculty Soloists, and The Chancellor's Third Annual Festival of Music: Aaron Copland Residency, 3 p.m., Jesse Auditorium. Tickets available at the Jesse Hall ticket window, 10 a.m.-4 p.m.

Apr. 10: UMC Philharmonic, Aaron Copland, guest conductor, 8:15 p.m., Jesse Auditorium. Tickets \$1.50 students, \$3 reserved seats, public. Tickets can be purchased at the Jesse Hall ticket window.

Apr. 11-14: Studio Theatre Production "The Bald Soprano," 7:30 p.m., Gentry Hall Theatre. Tickets 50 cents.

Apr. 11: A Conversation with Aaron Copland, Fine Arts Recital Hall.

Apr. 11: Missouri Contemporary Music Competition Concert, 8:15 p.m., Fine Arts Recital Hall.

Apr. 12-15: Main State Production: Aesop's fables, Thursday 4:30 p.m., Friday 4:30 and 7:30 p.m., Saturday 10:30 a.m. and 2:30 p.m., and Sunday 2:30 p.m. at the Fine Arts Theatre. Tickets \$1.50 students, \$3 public, available at the Fine Arts Theatre box office.

Apr. 14: MSA Broadway Plays: "Romeo and Juliet," 8 p.m., Jesse Auditorium.

Apr. 15: Faculty Recital Series: Raymond Herbert, piano, 8:15 p.m., Fine Arts Recital Hall.

Apr. 17: Singers Concert, Ira Powell, director, 8:15 p.m., Memorial Union Auditorium.

Apr. 19: University Chamber Music Series: Rogeri Trio, 8:15 p.m., Jesse Auditorium. Tickets \$3 students, \$5 public.

Apr. 22: University Collegium Musicum, Andrew Minor, conductor, 8:15 p.m., First Presbyterian Church.

Apr. 23: Faculty Recital Series: Missouri Arts Quintet, 8:15 p.m., Fine Arts Recital Hall.

Apr. 24: University Stage Band and University Studio Band, Robert Henry, conductor, 8:15 p.m., Jesse Auditorium.

Apr. 25-28: Studio Theatre Production "Vanities," 7:30 p.m., Gentry Hall Theatre. Tickets 50 cents.

Apr. 27: MSA Classical Concerts Series: Kansas City Philharmonic, 8:15 p.m., Jesse Auditorium.

Apr. 29: University Concert Chorale: University Singers, Ira Powell, director, 3 p.m., First Presbyterian Church.

Apr. 30: University Symphonic Band and University Concert Band, Charles Emmons and Frank Krager, conductors, 8:15 p.m. in Jesse Auditorium.

Conferences, short courses

Apr. 7: Foreign Language Participation Day. Call 882-4349 for further information.

Apr. 9-10: Needs and Interests of the Older Learner. Call 882-4349 for further information.

Apr. 9-10: Nursing Management Pediatric Neurological Problems. Call 882-2256 for further information.

Apr. 10: Non-fee Conference — Economic Education Program. Call 882-4349 for further information.

Apr. 10-12: Non-fee Conference — Narcotics. Call 882-6021 for further information.

Apr. 11: Looking Inward: Caring for the Therapist. Call 882-2256 for further information.

Apr. 12-14: Sports for the Disabled. Call 882-4349 for further information.

Apr. 16-17: School Boards and Public Law. Call 882-4349 for further information.

Apr. 17-20: City Clerks and Finance Officers Spring Seminar. Call 882-4349 for further information.

Apr. 18-19: Missouri Community Arts Council Conference. Call 882-4349 for further information.

Apr. 18-19: Non-fee Conference — In-service Training Conference #9. Call 882-7420 for further information.

Apr. 20: Charlotte G. Wells Colloquium Communication Disorders. Call 882-2256 for further information.

Apr. 21: Radiological Technologist Student Seminar. Call 882-2256 for further information.

Apr. 27: Evidence Seminar. Call 882-4349 for further information.

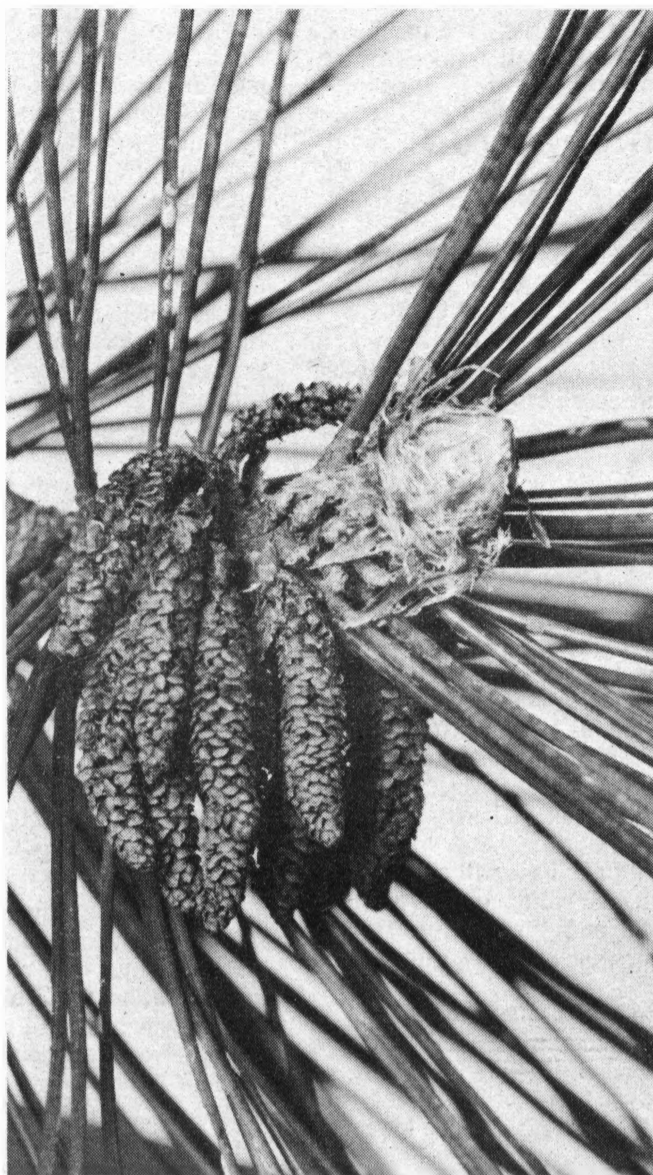
Apr. 27-28: Sigma Theta Tau Nursing Conference. Call 882-2256 for further information.

May 1-3: Non-fee Conference — Major Case and Scientific Investigation. Call 882-6021 for further information.

May 3-4: Missouri Land Title Institute. Call 882-4349 for further information.

May 4-6: Art Educators Conference. Call 882-4349 for further information.

May 6-7: Cosmetology Teachers' Workshop. Call 882-4349 for further information.



Signs of spring — buds are starting to appear all over campus, including on this pine tree at the side of Curtis Hall.

Deadlines, other events

Apr. 13-14: Friends of the Library Book Fair, Friday noon-9 p.m.; Saturday 9 a.m.-4 p.m., Hearnes Multipurpose Building, East Concourse.

Apr. 16-20: Home Economics Week.

Apr. 16-20: Journalism Week.

Apr. 18: Tap Day.

Apr. 23-27: B&PA Week.

Apr. 29: Ellis Library open 2 p.m.-midnight.

Apr. 30-May 4: Ellis Library open 7:30 a.m.-midnight.

May 5: Friends of the Library Annual Meeting, 12:30 p.m. luncheon, Large Ballroom Memorial Union.

May 5: Ellis Library open 8 a.m.-midnight.

May 5: Ellis Library open 2 p.m.-midnight.

Films, exhibits

Apr. 6: MSA Movie: "Blue Collar" at 7 and 9:30 p.m. in Middlebush Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

Apr. 6: Astronomical Film of the Week: "Measuring Long Distances," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Apr. 7: MSA Movie: "The Betsy," at 7 and 9:30 p.m. in Middlebush Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

Apr. 8: MSA Free Film: "THX-1138," 8 p.m., Middlebush Auditorium.

Apr. 8: University Film: "Portrait of an Artist," 8 p.m., Ellis Library Auditorium. Free.

Apr. 11: MSA Free Films: "Fahrenheit 451" and "4000 Blows," 8 p.m., Jesse Auditorium.

Apr. 12: MSA Films: "Take the Money and Run" and "Everything You Ever Wanted to Know . . .," 7 p.m., Jesse Auditorium. Advance tickets 75 cents at Memorial Union Ticket Office, \$1 at the door.

Apr. 12: University Film: "Young Aphrodites," 8 p.m., Ellis Library Auditorium. Free.

Apr. 13: Astronomical Film of the Week: "The Crab Nebula," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Apr. 13: MSA Films: "What's Up Tiger Lilly," and "Annie Hall," 7 p.m., Jesse Auditorium. Advance tickets 75 cents at Memorial Union Ticket Office, \$1 at the door.

Apr. 14: MSA Films: "Pete's Dragon" and "The Rescuers," 7 p.m., Memorial Union. Advance tickets 75 cents at Memorial Union Ticket Office, \$1 at the door.

Apr. 15: MSA Free Film: "The Hospital," 8 p.m., Middlebush Auditorium.

Apr. 15: University Film: "The Passenger," 8 p.m., Ellis Library Auditorium. Free.

Apr. 18: MSA Free Film: "Seven Brides for Seven

Brothers," 8 p.m., Jesse Auditorium.

Apr. 19: University Film: "Adieu Philippine," 8 p.m., Ellis Library Auditorium. Free.

Apr. 20: MSA Movie: "Saturday Night Fever" at 7 and 9:30 p.m. in Jesse Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

Apr. 20: Astronomical Film of the Week: "To the Edge of the Universe," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Apr. 21: MSA Movie: "Who'll Stop the Rain" at 7 and 9:30 p.m. in Middlebush Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

Apr. 22: MSA Free Film: "Five Easy Pieces," 8 p.m., Jesse Auditorium.

Apr. 22: University Film: "High Noon," 8 p.m., Ellis Library Auditorium. Free.

Apr. 25: MSA Free Film: "Battle of Britain," 8 p.m., Jesse Auditorium.

Apr. 26: Film: "Me and Dad's New Wife," noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 26: University Film: "You Only Live Once," 8 p.m., Ellis Library Auditorium. Free.

Apr. 27: MSA Movie: "The One & Only" at 7 and 9:30 p.m. in Middlebush Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

Apr. 27: Astronomical Film of the Week: "Radio View of the Universe," 7 p.m., Room 114 Physics. Telescope observing at 8 p.m. in Laws Observatory. Free.

Apr. 28: MSA Movie: "Foul Play" at 7 and 9:30 p.m. in Jesse Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

Apr. 29-May 4: MA candidates art exhibition, Monday-Friday: 9 a.m.-3 p.m.; Saturday: 2:30-4:30 p.m., in the Fine Arts Gallery.

Apr. 29: MSA Free Film: "The Man Who Shot Liberty Valance," 8 p.m., Jesse Auditorium.

Apr. 29: University Film: "Mr. Hulot's Holiday," 8 p.m., Ellis Library Auditorium. Free.

May 2: MSA Free Film: "King of Hearts," 8 p.m., Jesse Auditorium.

May 4: MSA Movie: "House Calls" at 7 and 9:30 p.m. in Jesse Auditorium. Advance tickets at Memorial Union ticket window, \$1 at the door.

May 6-12: Undergraduate UMC Exhibition Monday-Friday: 9 a.m.-3 p.m.; Saturday: 2:30-4:30 p.m., in the Fine Arts Building.

Lecturers, speakers

Apr. 9: "Androgyny: The Best of Both Worlds," Barbara Bank, assistant professor of sociology, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 9: Nelson Lecture: John Terbough, Princeton, 3:40 p.m., 18 Tucker Hall. Sponsored by Division of Biological Sciences.

Apr. 10: "Residues as Raw Materials: Recovering Nutrients from Agricultural Wastes" by Charles A. Dunlap, associate professor chemical engineering, 7:30 p.m., S-203 Memorial Union.

Apr. 10: "The Mother-Daughter Theme in Modern Thought." Comparative Literature Symposium, 3-5 p.m., S-203, Memorial Union.

Apr. 10: "Natural Aspects of Water Quantity and Quality in Missouri," Jerry D. Vineyard, assistant director, geology and land survey division, Missouri Division of Natural Resources, 3:40 p.m., S-8 Memorial Union.

Apr. 11: "Women and Anger," Linda Moore, associate director, UMKC Counseling Center, 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 12: "Developing Self-Esteem," noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 16: "Jean Rhys and the Feminine Consciousness," Thomas F. Staley, Trustees Professor of Modern Literature, University of Tulsa, 8 p.m., Small Ballroom Memorial Union. Coffee at 7:30. Supported by UMC Development Fund.

Apr. 16: Grass Roots Organizing Techniques, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 17: Gary van Gelder, chairman vet anatomy, 3:40 p.m., 115 Tucker Hall. Sponsored by Division of Biological Sciences.

Apr. 18: Consumer Feminism: the National Boycott, 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 19: ITT Key Issues Lecture Series, "Business in Sight and Sound," Dan Cortz, senior economics editor, ABC Television, 10:40 a.m., Memorial Union Auditorium.

Apr. 19: Protest Letter Writing, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 23: "An Ideal Childcare Plan for UMC: One View," Alberta Hahn, coordinator, UMC Parent-Student Center, noon, 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 25: "Children: To Have or Not to Have," 7 p.m., 1 Gentry Hall. Sponsored by UMC Women's Center.

Apr. 30: Nelson Lecture: William Rutter, University of California, San Francisco. Sponsored by Division of Biological Sciences.

May 1: Nelson Lecture: Dr. O. B. Phinney, University of California, Los Angeles. Sponsored by Division of Biological Sciences.

Campus People

Management society honors UMC's Hoehle

The Administrative Management Society, an international organization of professional administrative managers, has presented its highest award, the Diamond Merit Award, to Donald F. Hoehle, UMC fiscal operations officer.

The award, evidenced by a key and scroll, recognizes national, regional, area and other AMS activities, as well as services to the Mid-Missouri Chapter.

Hoehle serves as treasurer of the Mid-

Missouri Chapter of AMS and has been a member of the organization since 1959.

Scholarship fund set up for Purdy

A scholarship/loan fund has been created in honor of Allan W. Purdy at UMC.

Purdy is retiring Aug. 31 from his post as director of scholarships and student financial aid services, after 33 years of University service.

A native of Macon County, Mo., and a UMC alumnus, Purdy is a former state extension horticulturist. During nine years as assistant dean of the College of Agriculture, Purdy helped many students find part-time jobs, locate scholarships and secure loans.

He became the University's first director of aids and awards in 1958 and assumed his present four-campus directorship in 1971.

Purdy helped organize the National Association of Student Financial Aid Administrators, and the similar Midwest organization, becoming the first National

Association president and second president for the Midwest.

He helped draft the original College Work/Study legislation and the Educational Opportunity Grants and many federal funding amendments. He received a presidential appointment to the board which formed the National Student Loan Marketing Association, a billion-dollar private corporation to facilitate student loans.

The Allan W. Purdy Scholarship/Loan Fund was initiated at a 6:30 p.m. retirement dinner April 1 at the Columbia Ramada Inn.

Announcements

Staff benefits changes

If you have ever thought that the University should provide increased staff benefits or a different benefit package, now is your chance to be heard.

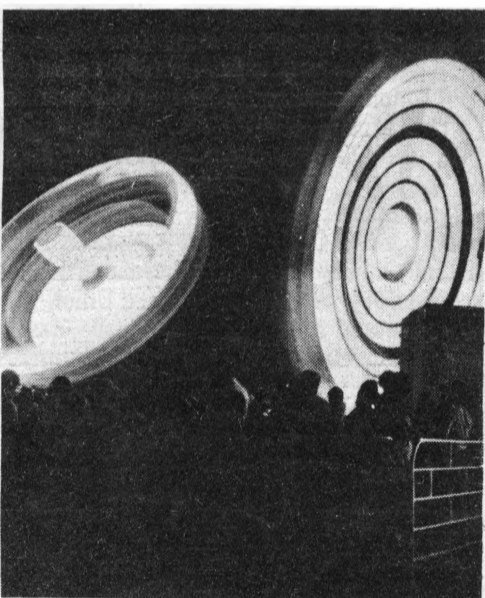
Campus members of the UM Committee on Retirement and Staff Benefits are inviting faculty and staff to submit suggestions and recommendations to them concerning the University's staff benefits program.

President Olson charged the committee to undertake a comprehensive review of the University's staff benefits plan, and to submit a long-range plan to him for the 1980s. The committee has until Dec. 31, 1979 to submit its recommendations.

Suggestions and recommendations concerning the plan are welcome from both individuals and groups. The committee requests that recommendations be sent in advance of its May 10 meeting.

Recommendations can be sent to Loretta Williams, assistant professor of sociology, 216-C Sociology; Julia Baker, administrative manager business operations, 311 Jesse Hall, or Willard L. Eckhardt, professor of law, 236 Tate Hall.

Mizzou Days



The Fourth Annual Mizzou Days Carnival will be held April 6, 7 and 8 in the Hearnese east parking lot at UMC.

Proceeds from the event provide scholarships for outstanding students who have shown a high level of campus leadership and participation in campus activities. The event is sponsored by the Inter-Fraternity Council, Panhellenic, Independent Residence Halls Association, Blair Students Organization and Black Panhellenic.

The largest college-based carnival in the Midwest, Mizzou Days has drawn over 5,000 people in the past three years. The carnival features game booths, rides and food concessions.

Hours for the carnival will be 3 p.m.-midnight, April 6; noon to midnight, April 7 and noon to 9 p.m., April 8.

Family Day will be April 8 with tickets regularly priced at 50 cents each discounted to three for \$1.

Library book fair

Each year, the Friends of the University of Missouri Library and the State Historical Society of Missouri hold a book fair to benefit Ellis Library. At this year's fair there will be books, magazines, paperback books and records for sale. The books are the result of book drives held throughout Missouri.

This year's Book Fair will be held from noon to 9 p.m. on Friday, April 13 and from 9 a.m. to 4 p.m. on Saturday, April 14 in the East Concourse of Hearnese Multipurpose Building.

An auction will be held at 11 a.m. on Saturday morning, with Jack Matthews auctioning specially selected material.

On May 5, the Friends will hold their annual luncheon meeting at the Memorial Union at 12:30 p.m. Robert J. Stuckey Essay Contest awards will be made by Judge Warren Welliver, president. Harry Golden, author and publisher, will be the speaker.

Retiree luncheon

The Retiree Luncheon, a complimentary reception for retired UMC employees, will be held Tuesday, April 10 in Room N201-202 in the Memorial Union. Serving will begin at noon, although rooms 214-215 will open at 11 a.m. for retired staff, spouses, widows and widowers to visit with friends.

Chancellor Barbara Uehling will be the speaker and there will be an opportunity to make suggestions to the Retiree Advisory Committee.

Parking will be available in the Visitor's Lot on Hitt Street at Conley Avenue, or in Lot WC 7, located west of Tiger Towers on University Avenue. Space cannot be reserved, so car pools are encouraged.

Letters have been mailed inviting retirees.

Anyone who knows of a retired staff member who has not received his or her letter should contact Mary DeLine at 882-3683.

Golf league

Members of the UMC Faculty-Staff Golf League are inviting interested faculty, staff and teaching assistants to join them to increase the competition for spring and summer matches.

The league welcomes new members of the University community to join them each season. They play several golf tournaments yearly at the University Golf Course in fall, spring and summer competitions.

This spring, play will be for nine holes, and will start at 4 p.m. on either Tuesday or Thursday afternoons. Most men and women of the league have 18-hole handicaps of 30 or less.

Prizes will be awarded weekly for best score and at the end of the competition for the league championship.

For more information, call Stan Wilensky, 882-2857.

Career assistance

Career planning assistance for persons 22 and older is available each Thursday from 7-9 p.m. at the UMC Career Planning and Placement Center. The center is located in Noyes Building on Sixth Street, across from the Electrical Engineering Building.

"During the Thursday evening adult program, community members who are not students can get the kind of help available during the day to UMC students," says Joe Johnston, chief of the CPCC.

Participants can receive occupational and educational information, practice job interviewing, bring a resume for critique and receive career counseling.

There is no fee for use of the center's services. For more information, call 882-6801.

University Club

The University Club will hold its luncheon meeting at noon Wednesday, April 18, in Rooms N214-215 Memorial Union. G.W. Viehle, professor of geology, will speak on "Geology Today."

Cost of the luncheon is \$3.50 payable at the door. Reservations should be made in advance by calling W.R. Miller's office, 882-8311.

The luncheons are open to all faculty and staff at the University and their guests, whether or not they are members of the University Club.

Underpass closed

The Stadium Boulevard underpass between Faurot Field and the Dobbs Group residence halls was closed March 19 and will remain closed through May 15.

The closing is to enable the State Highway Department to widen and construct right turn lanes for the Stadium

Boulevard-Providence Road intersection. In addition, stoplights will be installed at the Hearnese Multipurpose Building entrance/exits.

Safety views



Records seminar

A Records Management Seminar will be held April 26 at the Memorial Union Auditorium for UMC faculty and staff. Registration deadline is April 23.

A morning program, scheduled from 10 a.m. until noon, will be geared to secretaries and filing personnel. The program will cover records retention and disposal, records center storage and records skills update.

An afternoon program, from 1 to 2:30 p.m., is planned for administrative personnel, faculty, or their representatives. The session will target on computer output microfilm, microfiche as a publication option, microfilming University records, and using color microfiche as a teaching tool or reference form.

The seminar is free. For further information, call the UMca Training Office, 809 Lewis Hall, 882-4859.

CAMPUS COLUMNS

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Staff Council receives subcommittee reports

Subcommittees of the Employees' Staff Advisory Council produced a plethora of proposals and reports at a highly productive April meeting lasting two and one-half hours.

Chairperson Fannie McBride of the Recognition Subcommittee explained that Chancellor Barbara Uehling has set aside money for recognizing staff for outstanding ability and performance. There was considerable discussion of her commit-

tee's proposal for selection and number of staff to receive the awards each year. Council chairman Steve Cox determined that despite individual differences in the details of the recognition program, the majority of staff council members were interested in some form of cash award for staff, and pointed out that the most important aspect of the program was to guarantee the fairness of the selection process.

Libby Miederhoff, chairperson of the

Compensation and Staff Benefits Subcommittee, presented five recommendations of that committee:

1. Since the seven-step matrix begins below the minimum wage, those ranges below the minimum wage should be dropped. In addition, since several steps at the top of the matrix have no jobs assigned, those ranges should also be dropped.

2. The minimum wage usually increases in January, which means that staff papers

must be resubmitted for employees below the minimum wage. It is recommended that if the new minimum wage is known at budget building time, it be included in the annual increase.

3. Since employees now at the top of their ranges on the seven-step matrix receive little or no increase or small increases compared to the increases granted to

(Continued on page 2)

Committee of 12 to seek new dean of agriculture

A 12-member search committee to seek and screen applicants for the dean of the UMC College of Agriculture has been appointed by Chancellor Barbara S. Uehling.

The committee is chaired by R. A. Schroeder, professor of horticulture.

Committee members from UMC are Rex Campbell, chairman of the rural sociology department; Donald P. Duncan, director of the School of Forestry, Fisheries and Wildlife; Joseph C. Headley, professor of agricultural economics; Bea Litherland, dean of the College of Home Economics; Arlene Martin, professor of pathology; J. M. Poehlman, professor of agronomy; and Percy Sallee, senior research special-

ist in agronomy.

Non-university members are Alan King of Columbia and Harold Clark of Sumner, Mo.; students are Shirley Ann Jones of Mexico, Mo., and James M. Thompson of Osseo, Wis.

The agricultural dean's position became vacant this spring when Elmer R. Kiehl accepted a federal appointment as chief of the research division for the Board of International Food and Agriculture Development (BIFAD) in Washington, D.C.

Chancellor Uehling appointed George E. Smith, professor of agronomy and director of the Missouri Water Resources Research Center, acting dean until a successor is named.

U.S. education official, Boyer, to address grads

Ernest Boyer, U.S. Commissioner of Education, will address UMC graduates at this year's main commencement exercises scheduled at 10:30 a.m. May 12 in the Hearn Multipurpose Building.

All faculty and staff are invited to this year's exercises, when approximately 3,000 students receive degrees in UMC's 137th annual commencement.

Boyer is the former chancellor of the State University of New York who in 1977 was appointed national education commissioner in the U.S. Department of Health, Education and Welfare by President Carter. He was a visiting fellow at Cambridge University in 1976.

Boyer was director of the Center for Coordinated Education, University of California at Santa Barbara, from 1962 to 1965. He moved to New York in 1965 to serve as executive dean of SUNY's university-wide activities. From 1968 to 1970, he was vice chancellor for the statewide system, and served as chancellor from 1970 to 1977. SUNY is the largest university system in the U.S. with 64 campuses and more than 350,000 students.



Vol. 10, No. 10

Wednesday, May 2, 1979



This year's annual retiree luncheon at UMC April 10 was the largest ever, with 468 retired staff members and their spouses attending. Presiding at the event were Herbert Schooling, chancellor emeritus; Ray Schroeder, of the Faculty Council Task Force on staff benefits; and Don Holm, chairman of the retirement and staff benefits committee. Chancellor Barbara S. Uehling was the speaker at the luncheon.

Oklahoma native named vice chancellor

Norman F. Moore, vice president for student services at Oklahoma State University, was named vice chancellor of student services at UMC April 16 by Chancellor Barbara S. Uehling. The appointment is effective in late June.

Under Uehling's administrative reorganization, Moore will administer all areas of student services, including housing, financial aid and Memorial Union operations.

He succeeds James H. Banning who moved to Colorado State University. James A. Irvin has been serving as interim vice chancellor since last August.

Moore, 46, is a native of Pawnee, Okla., and a graduate of Oklahoma State where he received an associate of arts degree in 1953, a bachelor of fine arts in painting and graphics in 1955 and an M.S. degree in stu-

dent personnel and guidance in 1962. He also did graduate work at the University of Oklahoma in 1956 and at Ohio University in Athens in 1958.

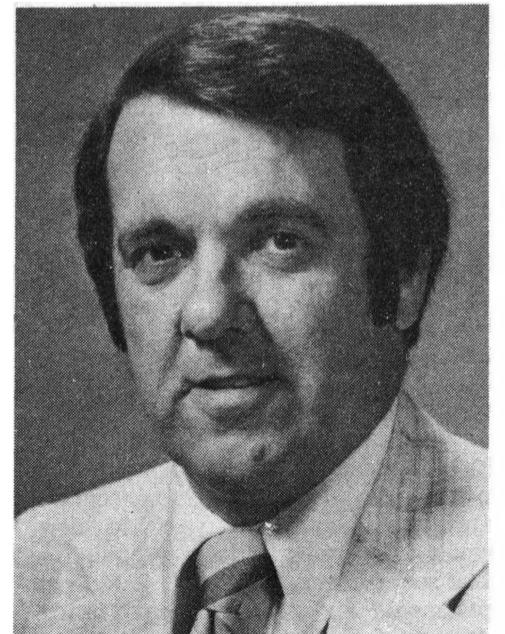
He has been vice president at OSU since 1971 and before that was director of the student union for a year. He joined the OSU staff in 1959 as a program director, then became assistant to the student union director and later associate director. During this period he also served as coordinator of conferences and short courses, from 1961 to 1965.

Moore left OSU for a year in 1966-67 to be associate director of the University of Houston's university center, and was director of the center and coordinator of food services at Wisconsin State University in Whitewater from 1967 to 1969.

He began his professional career in edu-

cation as an elementary art supervisor in Pawnee (Oklahoma) Public Schools in 1956, but a year later moved to Rio Grande College in Ohio as head of the art department. He later was named dean of men. At Rio Grande, he also served as drama coach and advisor to student publications and five other student organizations.

At OSU, Moore has responsibility for seven areas and an operating budget of some \$16 million. These areas include the student union, which is undergoing a \$2 million renovation; single and married student housing for around 8,000; the university hospital with a staff of seven doctors; the physical education center; all areas of student affairs; and shared responsibility for freshmen programs and services in the academic area.



Norman Moore

Staff Council from page 1

other employees, they should be allowed equal increases.

4. The seven-step matrix encompasses a broad spectrum of employees. While some employees may be comfortable with a combination of across-the-board and merit increases, those at the higher end of the matrix might prefer increases based on merit. A solution is to make the across-the-board adjustment smaller at the upper end of the matrix in order to increase merit dollars.

5. There has been a great deal of discussion at Staff Council meetings about lack of sufficient salary increase money to keep pace with inflation. The Faculty Council has gone on record as being concerned about this problem. Staff Council should also go on record to express its concern.

Miederhoff also said that her committee feels that staff need to understand how they get paid; that the University's budget process is very mysterious to many staff, and consequently, is suspect. Miederhoff suggested too that a program on planning for retirement be offered to staff earlier in advance of retirement than it is currently in the present program. If there is enough interest, Miederhoff said, perhaps a personal finance course offered by the College of Business and Public Administration could be opened to staff free of charge in the evenings in addition to the present program. Persons interested in attending

such a program can call Miederhoff at 882-3455.

Concerning staff input into the UM Staff Benefits Committee, Cox suggested that Miederhoff draft a letter to the chancellor requesting that staff be surveyed on their staff benefits preferences.

Charity Flack, chairperson of the Communications Subcommittee, then presented a report on effective internal communications. The following changes were recommended to be implemented immediately in **Campus Columns**:

1. Since almost one-fourth of the total annual cost of **Campus Columns** is from mailing to home addresses, the on-campus addresses of employees should be used for distribution.

2. A staff newsletter should be published at monthly intervals, midway between the publication of **Campus Columns**.

3. The communications subcommittee would like to see a **Campus Columns** advisory committee appointed by the staff council and consisting of one member of the communications subcommittee and two employees recommended by the communications subcommittee and approved by the staff council, plus the one representative from personnel to serve as an ex-officio member. The editorial advisement would then be parallel to **Faculty Bulletin's**.

4. Specific content of **Campus Columns**

should be determined by the editor and the advisory committee. Objectives of the publication should be to communicate timely news and announcements, clarify and present both sides of issues, recognize staff contributions, foster understanding of policies and generate a high level of morale on campus and pride in UMC.

Simultaneously with making the changes in **Campus Columns**, the Communications Subcommittee will also explore the idea of developing with the faculty a joint publication for faculty and staff. A proposal for submission to the chancellor will be discussed at the next council meeting.

The Organization Subcommittee, headed by Kee Groshong, presented a draft of the proposed staff council constitution and bylaws. The drafts were discussed, changes suggested, and will be further discussed at next month's meeting.

In other matters:

—The Executive Committee met with Chancellor Uehling and discussed procedures for determining terms of office and for replacing Cliff Manlove, an administrative/professional representative who is leaving the University. The chancellor advised the council to determine its own procedures.

—Garf Thomas moved that the person in the administrative/professional category who had received the next highest number of votes in the staff election be named to

the council in Manlove's place. The motion was seconded and passed.

—The Executive Committee and standing subcommittee chairpersons met with the two Futures Committees to provide staff views for the committees' position papers.

—Members of the council moved, seconded, and passed the motion that the terms of office of representatives be determined by the number of votes each received. Those receiving the highest number of votes in their category will have three-year terms; the second highest, two-year terms, and the lowest, a one-year term.

—The Executive Committee has hand-carried a resolution to the chancellor requesting that Bud Middleton, head of the Committee on Committees, review the number of staff assigned to campus committees. The chancellor has asked Middleton to respond to the request.

Vicky Keith, coordinator of the Women's Center, asked for staff input on center programming for the next year.

—Jane Drane of the American Red Cross asked for staff assistance for a faculty/staff blood drive. Persons who would like to serve as department or division representatives for future blood drives should contact Steve Cox at 106 Tucker Hall.

The next meeting of the council is scheduled May 24.

Top graduate assistants awarded for excellence

One hundred and four of the top UMC graduate teaching assistants were honored for excellence April 18 with a Graduate Teaching Award and a \$50 check, presented by Chancellor Barbara S. Uehling.

"The Graduate Teaching Award is

among the most meaningful honors that can be conferred upon a graduate student," said Graduate School Dean Richard Wallace. "It symbolizes teaching excellence and scholastic superiority.

"The award has encouraged academic departments to systematically evaluate

the performance of graduate teaching assistants and has contributed to the continued upgrading of the general level of instruction."

UMC Graduate Teaching Awards have been conferred since 1972. Funding is through unrestricted gifts received by the UMC Development Fund.

Honorees by department:

Accountancy: Daniel C. Kneer, Daniel M. Norris, Earl R. Wilson; **Agronomy:** Thomas H. Morgan; **Anatomy:** Michael B. Dixon; **Animal Husbandry:** David A. Lewis; **Anthropology:** James C. Chiarelli; **Art:** Susan Eigenbrodt; **Art and Archaeology:** Karen I. Henricks; **Biochemistry:** James W. Long Jr.; **Biological Sciences:** Philip S. Hartman, Bruce W. Jarvis, Richard W. McGuire Jr.;

Chemistry: Brian R. Bowman, Michael D. Johnson, Keh-Shin Kwan; **Child and Family Development:** Susan E. Faden; **Classical Studies:** Pamela A. Draper; **Computer Science:** Thomas J. Sears; **Counseling and Personnel Services:** Carolyn S. Magnuson; **Curriculum and Instruction:** Robert M. Frank; **Dairy Husbandry:** Marion F. Weiss; **Economics:** James E. Pfander, Suzanne M. Sattelmeyer, Albert L. Warneke;

Educational Administration: John D. Foster, William D. Klaus Jr.; **Agricultural Engineering:** Perry M. Brooks Jr.; **Civil Engineering:** Jeffrey B. Jewett; **Chemical Engineering:** Prat K. Ramchandar; **Electrical Engineering:** Robert M. Franke; **Industrial Engineering:** Michael A. Adkins;

Mechanical and Aerospace Engineering: Robert W. Ludwig Jr.; **Nuclear Engineering:** Robert J. Gastorf; **English:** Roger L. Brewer, Donald L. Francis, Sally M.

Gallion, John S. Hardt, Terry G. Harris, Earl D. Lomax, Janice L. Peavler, Susanne M. Winter; **Family Economics and Management:** Jerald W. Mason; **Finance:** Mark L. Cross; **Food Science and Nutrition:** Mary Beth Johnston; **Forestry, Fisheries and Wildlife:** Bruce E. Cutter, Robert O. Teskey;

Geography: Donald J. Cross-Schmalbeck; **Geology:** Edith D. Roper, John F. Taylor, Lawrence Tedesco; **Germanic and Slavic Studies:** Michael B. Smith; **Health and Physical Education:** Debra J. Moseley; **History:** Daniel C. Dussel, Philip V. Scarpino, Kenneth S. Plax; **Housing and Interior Design:** Jo Ann Thompson; **Journalism:** Deanna C. Farris, William W. Flanagan, Donald E. Hartley Jr., Mary K. McKinstry, Donita S. Thomasson;

Library and Informational Science: Cynthia A. Bender; **Management:** Alice J. Williams; **Marketing:** Jessica M. Bailey; **Mathematics:** Michael T. Becktell, Barbara J. Bestgen, Kevin A. Evens, Susan D. B. Gagnon, Mark R. Rudoff, Darwin D. Smith;

Microbiology: David W. Hecht; **Music:** (Continued on page 7)



Jessica M. Bailey, right, a UMC marketing student, is one of 104 master's and doctoral candidates honored with \$50 graduate teaching awards this spring by Chancellor Barbara S. Uehling. Here a student confers with Bailey during class.

UMC student to be presidential intern

David Feldman, a UMC doctoral candidate in political science, is one of 250 students selected nationwide for the Presidential Management Intern Program.

Established in 1977, the program makes two-year internships within the executive branch available each year to new recipients of graduate degrees having a public sector focus. This year, 49 federal departments and agencies are offering positions.

"I truthfully feel very honored," said Feldman, who successfully completed his

Ph.D. oral defense April 5. "I was impressed by the government's screening process and the fact that it is looking for people with a broad, liberal arts background."

A 1973 graduate of Kent State University where two of his political science professors (Richard Craig and Steven Brown) are UMC alumni, Feldman earned his M.A. at UMC in 1975. His specialty is political theory.

Feldman said he is interested in the Department of Transportation and HUD. "My major interest is in domestic policies

relating to transportation and urban problems," he said. "Most of our great urban social problems revolve around our choice of values. Implementing those choices requires a broad perspective that the social sciences and humanities provide."

Interns who successfully complete the program's two-year non-career appointment may be granted Civil Service career status without further competition. Nearly 800 students were nominated for the 250 internships.

CAMPUS COLUMNS

(USPS 711-780)

Campus Columns is published monthly except July and August, and is published twice in September for the information of all University of Missouri employees on the Columbia campus. It is edited under the supervision of the Office of Public Information in cooperation with the Personnel and Business Offices. Contributions and information for this paper should be sent to 329 Jesse Hall.

For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

Editor: Catherine Kernen

The University of Missouri
An Equal Opportunity Institution

Campus Columns salutes

Chancellor Uehling's six-member support staff

The chancellor's support staff is a gregarious six-member crew who have been together less than a year serving the campus' first woman chief administrator, Barbara Uehling. They kid one another a lot — the staff and boss — which helps ease the burdens of frequent heavy work loads and long work days.

"They're something else," says Shaila Aery, the chancellor's special assistant, nodding toward the outer office. "If they see something they think should be done differently, they don't hesitate to tell us."

The secretarial staff is headed by Jane Dier, a native of Nashville, Tenn., and 12-year employee of UMC. She started in Personnel Services, but moved to the Extension Division in 1969 as secretary to the dean. She was promoted to administrative assistant when she transferred from extension to the provost for administration office in 1972. She was promoted to executive staff assistant II in the chancellor's office last October.

"I guess the most demanding part of my job is keeping track of the chancellor and making sure her priorities are met. Sometimes the priorities are more numerous than the time allows," she says.

A single parent, Dier has a teenage son at home, a college-age daughter at Belmont College in Tennessee, and a married son in graduate school at the University of Texas at Austin. She has two grandchildren.

"We've had an extremely busy schedule and heavy workload in this office the past few months because of the many search committees and job candidates coming and going," Dier explains.

In terms of longevity, the senior member of the chancellor's staff is Jean Szoko who serves as Shaila Aery's secretary. Szoko is a 1972 UMC graduate with a degree in sociology. Her husband is doing his medical residency in radiology.

Before returning to Columbia last fall, she worked for three years in St. Louis as a secretary for a psychiatrist. "It was good experience for this job," she says jokingly.

Joining her in the chancellor's office in late August was Ron Fischli, the only male



The chancellor's support staff, from left: Jane Dier, Regina Wilson, Ron Fischli, Jackie Clary, Jean Szoko and Mary Morrison.

member of the staff. Fischli is working on a Ph.D. in theatre at UMC and hopes some day to teach at the college level. He has a B.A. in English from Fort Hays Kansas State University which he uses to advantage as a member of the versatile staff.

Fischli taught in Kansas high schools before coming to UMC to pursue his doctorate. Along the way he obtained a bachelor's degree in theatre at Marymont College and an M.A. in theatre at Fort Hays. He commutes from Fulton where his wife works for the Missouri Division of Family Services. They have a 7-year-old daughter.

Mary Morrison, a Ph.D. candidate in higher and adult education from Boston, began a two-semester internship in Octo-

ber in the chancellor's office. She researches various subjects — including speech materials — for the chancellor. Following graduation in May, she plans to move to California as a counselor and consultant.

Sandy Skinner, mother of four children, joined the staff in November after she and her husband moved from Lincoln, Neb. She was a supervisor for a word processing center in Nebraska state government, and just recently left UMC to take a job in Jefferson City.

Jackie Clary, formerly of Center, Mo., where she and her husband were in the country ham business for 32 years, joined the chancellor's staff in January to help

with the increased work load. She has two grown sons, one a UMC graduate and the other a graduate from KU.

Also arriving on the scene in January was Regina Wilson who serves as office receptionist, handling all incoming calls and mail, and greeting office visitors.

A native of Steele, Mo., in Pemiscot County, Wilson is a single parent with a 3-year-old daughter. Before becoming a full-time secretary, she was a UMC student two years and some day plans to resume coursework.

All in all, the chancellor's secretarial staff is a jovial group of talented people who obviously enjoy working where the action is this year.

Letters

Employee calls bonds a poor investment

Editor:

I reaffirm my decision not to buy or own U.S. Savings Bonds. Today the Treasury Department can't sell bonds because the National Debt has reached the limit set by Congress again. I urge you to tell the faculty and staff the whole truth so they may see for themselves that U.S. Bonds are a poor choice.

Bonds pay 6% if held 5 years (4% the first 6 months). The Credit Union and

banks pay 5% on passbook accounts and savings and loans pay 5¼%. (Here, my money is available from day one.) Longer term rates range from 6 to 6¾% for 1 year to 8% for 8 years.

Many of the claims made for Bonds are matched or exceeded by other savings/investment media. Credit Union deposits are deducted from my check each payday, just as "painless" as bonds could be. Most banks can arrange an automatic transfer to one's savings account. Retirement annuities not only defer income taxation of the interest but also up to 20% of one's salary income.

The government can only sustain deficit budgets as long as the American people will lend their savings to it by buying bonds. I doubt that loaning money to Uncle Sam helps this country as much as loaning it to families and businesses in our community. I refuse to loan the government money to buy more napalm, nerve gas, and neutron bombs.

Ron Renkoski
Research Specialist
Agronomy

✓ Campus Columns is pleased to publish letters expressing individual points of view, and it is hoped that there will be continued correspondence.

Anyone wishing to reply to Mr. Renkoski's letter or to express his or her own view can write to Editor, Campus Columns, 329 Jesse Hall.

Joint effort will initiate pre-nursing at UM-Rolla

The UMC School of Nursing plans to initiate a cooperative effort this fall to make a pre-nursing curriculum available at UM-Rolla. All but one course in the first two years will be courses already taught at UMR by the arts and science faculty. A sophomore nursing course will be taught by UMC faculty commuting to Rolla.

Students who take the first two years of the program at UMR may then transfer to Columbia to complete their studies. The cooperative curriculum grew from a need expressed by health care officials in south central Missouri for educational opportunities closer to the homes of potential nursing students.

The cooperative program was made possible by the anticipated move to a new building this summer that will allow the UMC School of Nursing to accommodate more students. As many as 50 additional students may be admitted this fall, depending on legislative funding. Undergraduate enrollment for the 1978-79 academic year is 325.

Applications for the fall entering class will be taken until July 2, according to nursing dean Gladys Courtney. To be considered, applicants must have completed college-level work in prescribed study areas. Admission to the school is competitive, and college and high school academic performance and test score results are considered. More information about re-

quirements may be obtained from Irma Fleeman, assistant dean of nursing, 139 TD-4 West, UMC.

Quadrangle tour

A brown bag lunch tour of Francis Quadrangle, open to the public without charge, is scheduled for noon, May 7.

Marian Ohman, UMC program coordinator for humanities extension, will give a slide-illustrated presentation on the history of the Quadrangle buildings, "Mortarboard and Bricks," in the Art History Auditorium of Pickard Hall on the Quadrangle. A walking tour of the Quadrangle will follow.

Safety views



For safety's sake, show you care — keep your mower in good repair!

EMPLOYEE ASSISTANCE PROGRAM

A program for faculty and staff

is a confidential referral service for all employees and their families who are seeking solutions to persistent personal or work-related problems.

TAKE ACTION . . . Call 882-6701
UMC Employee Assistance Program
215 Columbia Professional Building

Physical Plant service awards: employees honored



Minnie Washington
janitor
janitor shop
25 years



Rufus Leon Morris has been with the University 31 years. He is the assistant supervisor of steamfitters at the steam shop.

Editor's note: Several of the employees pictured above were honored at the physical plant service award ceremony last year.

Welcome

Kevin Braman, janitor, physical plant; David L. Hoerl, janitor, physical plant; Margaret M. Bands, clerk typist II, University extension; Barbara Lips, academic advisor, START program; Robert Martin, janitor, Memorial Union; Steven McGhee, janitor, physical plant; Gloria Bittle, janitor, physical plant; Joseph Burgess, janitor, physical plant; San Juan House, janitor, physical plant;

Leonard E. Johnson, assistant director financial aid, student financial aid; David C. Redding, coordinator athletic weights/filing, intercollegiate athletics; John Simon, research specialist, agriculture dean's office; Laurel M. Wilson, secretary, education; Rebecca S. Henley, clerk-typist, fiscal operations; Racheal R. Leonard, clerk II, University police; Dorothy Crane, senior accounting clerk, University extension; Jackie S. Johns, sec/stenographer, sociology; Timothy Pierron, food service worker IV, Memorial Union; Margaret L. Gibson, food service worker II, Memorial Union; Leigh Greer, secretary,

Engineering dean's office; Jon Schreffler, farm worker I, agriculture director's office; Elizabeth Flood, clerk typist II, fiscal operations; Elaine Algiere, janitor, physical plant; Colon See, janitor, physical plant; Terry Baker, janitor, physical plant; Sheryl Lynn Moreau, data entry operator, University extension; James Copeland Jr., manager public relations and promotion, intercollegiate athletics; Brent House, custodian, hospital housekeeping; Kenneth Hulén, custodian, hospital housekeeping;

Georganne Latham, clerk typist II, health care technology center; Debra Ann Ott, secretary, Development Fund; Danny Ray Todd, senior audio-visual tech., University extension; Douglas Stun, res. specialist, forestry, fisheries & wildlife; Michael James Reagan, archaeologist II, American archaeology; Carol Ann Bowling, receptionist, University extension; Susan McElroy, receptionist II, registrar & director of admissions office; Deborah (continued on page 5)



James Vaughn
janitor
janitor shop
15 years



Arthur Agler
filter maint. man
steam shop
10 years



Terry Benedict
insulator III
steam shop
15 years



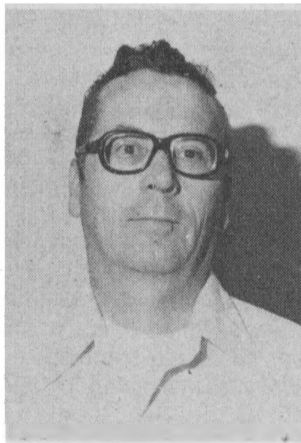
Leslie Hilgedick
supervisor
carpenter shop
15 years



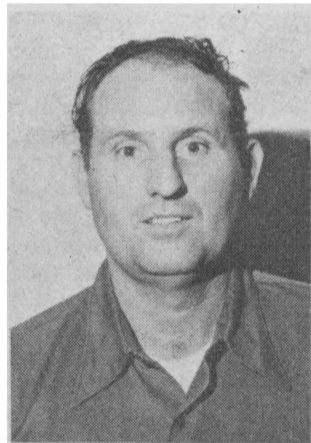
Charles Warren
janitor
janitor shop
15 years



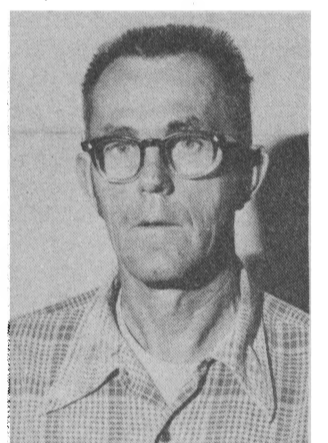
Harry Blakemore
watchman
watch services
10 years



Ernest Shields
supervisor
steam shop
20 years



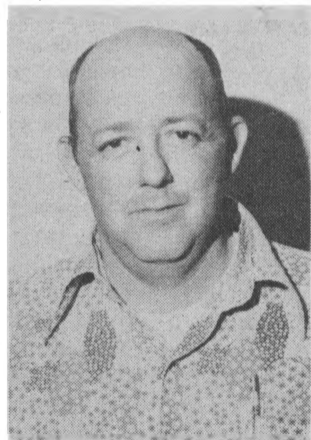
Tom Deornellis
driver
carpenter shop
10 years



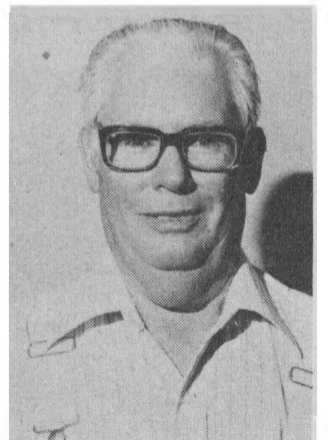
Robert Wise
lead water treater
refrigeration shop
15 years



Carl Dietzel
custodial supplyman
building services
10 years



Stanley Martin
locksmith III
carpenter shop
15 years



Grady Dollins
carpenter
carpenter shop
15 years

Employees receive five-year service pins

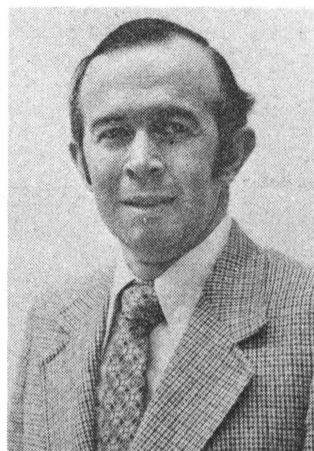
Laura Lee Allen, academic evaluator, College of Education; Jesse John Lyons, research specialist, poultry husbandry; Mary Ann Goss, administrative secretary, medicine; Judy Gieselmann, senior secretary, agriculture; Sixto Ilagan, food service attendant I, hospital; Rosanne Trefiletto, secretary, Missouri Institute of Psychiatry; William Edward Petty Jr., janitor;

Linda Nell Winfrey, secretary-steno, electrical engineering; Marton Harris Kanatzar, janitor; Michael Howard Thaller, production assistant, University extension; Gary Paul Tinsley, senior re-

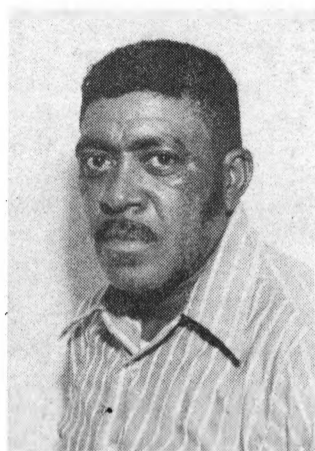
search lab tech., agriculture; Joyce Ann Denney, secretary-steno, University extension; Paula Jeanette Padgett, administrative secretary, medicine;

Roger Dennis Jett, personnel associate, personnel services; Patricia Burbridge, administrative secretary, library; Della Mae Cox, janitor, Memorial Union; Kenneth Lee Hunt, research specialist, agronomy; Kathryn Ann Moberly, staff nurse, hospital nursing service; Gretta Harper, buyer, business management; Melvin Perry Spease, shift supervisor, office of research; Donna Sue Jones, clerk typist, co-op extension service.

for long years of service



James Beckett
asst. director
personnel
11 years



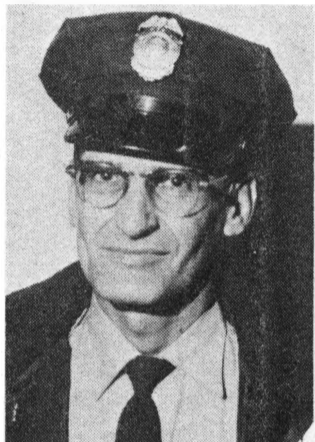
Elroy Stemmon
janitor
janitor shop
16 years



Enuel P. Taylor
chauffeur
garage
16 years



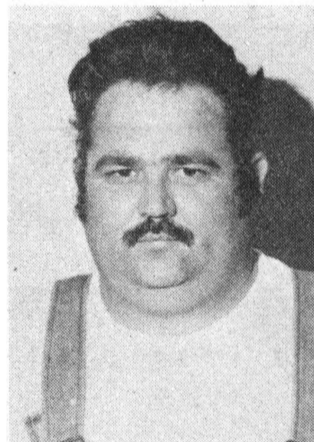
Sherman Abernathy
watchman
watch services
10 years



Albert Cole
watchman
watch services
20 years



Kay Stone
sr. acctg. clerk
office
10 years



William George
groundsman
campus shop
10 years



William Foley
driver
building services
10 years



Ray Statts
painter III
paint shop
15 years



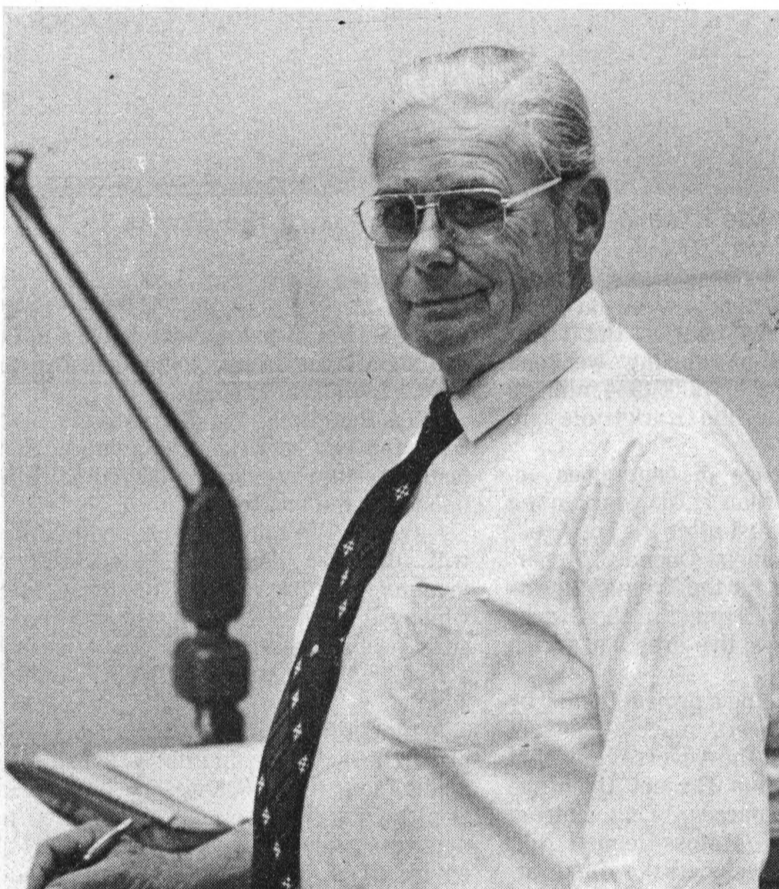
Olla Dell Trumbo, Jr.
equipment operator
campus shop
15 years



Vincent Twenter
leadman upholsterer
carpenter shop
20 years



Albert Flischel, assistant director fiscal office, has worked for the University 30 years.



Norman Ashlock
chief specifications writer (retired)
40 years

Welcome from page 4

Picart, clerk typist, registrar & director of admissions office; **Jean Smith**, stenographer, sociology; **Monica Gurney**, sec./stenographer, coop extension service; **Anita Fern Carter**, senior clerk, student financial aid;

Beatriz Tolama-Neri, receptionist, nursing; **Gwendolyn Smith**, custodian, hospital housekeeping; **Lonnie Ray Taylor**, glazier, building operations; **Gary W. Hickman**, personnel associate, personnel services; **Cynthia Yarnell**, clerk typist II, School of Nursing; **Linda Shipley**, clerk typist, purchasing; **David Aldridge**, custodian, hospital housekeeping; **Susan E. Minor**, sec./steno., fiscal operations; **John E. Hale**, senior research lab tech., agriculture; **Allen R. Sorey**, senior research lab tech., University extension;

Beverly Kribbs, sec./steno., Med Center surgery; **Mary H. Wallsenbach**, sales rep., TV station; **Karla Jean Johnson**, sec./steno., vet medicine dean's office; **Judith D. Manlove**, research/lab tech., vet medicine dean's office; **Sadie McFadin**, senior fiscal analyst, current budget operations; **Marvin E. Tracy**, senior research/lab tech., agriculture dean's office; **Gary J. Stangler**, senior stenographer, agriculture dean's office;

Sharon McGuire, secretary, Arts and Science dean's office; **Margaret A. Ridgwell**, janitor, physical plant; **Terry J. Gilltrap**, janitor, physical plant; **Verna Kay Roberts**, janitor, physical plant; **John Edward Barnes**, janitor, physical plant; **John B. Daggett**, supervisor/athletic equipment and grounds, intercollegiate athletics.

Kenneth Crowl, janitor, Memorial Union; **Leonard Burton**, janitor, Memorial Union; **Paul Smith**, janitor, physical plant; **Joe Jones**, janitor, physical plant; **Deborah Linder**, janitor, physical plant; **James Henry**, food service worker IV, Memorial Union; **Sherry Blakey**, research lab/tech, behavioral research;

Carmen L. Torres, clerk-typist II, University Extension Div; **Donna Gail McPherson**, clerk typist II, Student Life; **Newell Joseph Schmidt**, laboratory mechanic, Engineering Dean's Office;

Mary Ann Eubanks, stenographer, Missouri Institute of Psychiatry; **Anita Crigler**, stenographer, Missouri Institute of Psychiatry; **Judy Marie Belcher**, accounting clerk, Provost for Administration; **Martha A. Kahle**, secretary/steno, Family and Community medicine.

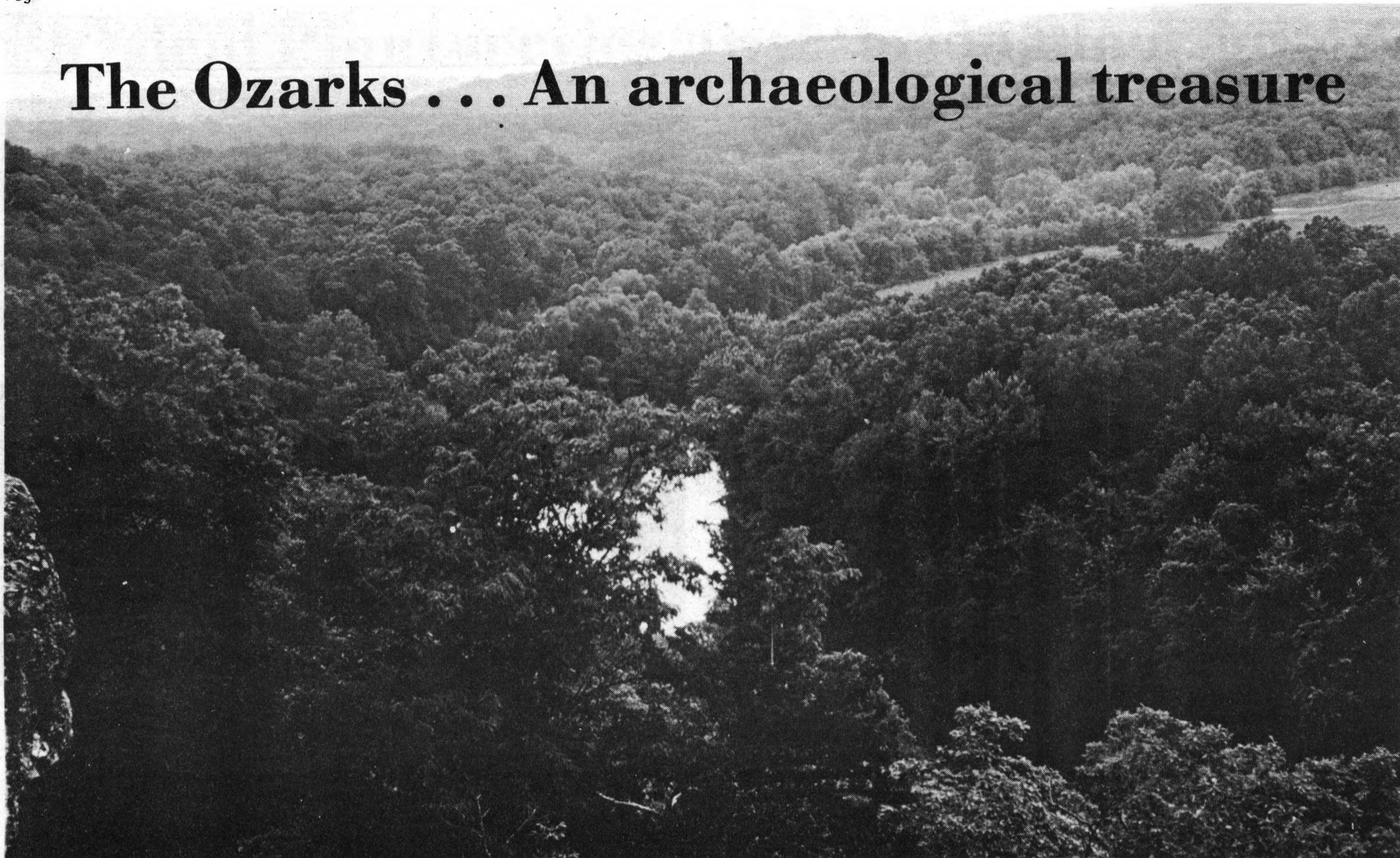
Physical Plant employee service awards

Persons not pictured above include **Paul Griggs**, lead watchman, 10 years; **William L. White**, janitor, 10 years; **Ned Crump**, tower water trtr., 15 years; **Earl P. Mills**, oiler, 15 years; and **Glenn D. York**, electrician, 20 years.

Persons receiving five-year pins this year are **Kenneth Mason**, driver; **Johnny B. Johnson**, mover; **Bradley A. Boggs**, janitor; **Joe Donald Foley**, janitor; **Mary**

M. Foley, janitor; **Donald L. Ford**, janitor; **James W. Terrell**, janitor; **Don L. Bezler**, assist. supv. custd. svcs.; **India V. Stemmons**, audit. attend.; **Veronica L. Chandler**, radio dispatcher; **Russell G. Ellison**, maint. work coord.; **Charles F. Rupard**, mech. tradesman; **Gary R. Fields**, refrig. mech.; **Eugene E. White**, refrig. mech.; **Dale Nelson Christian**, carpenter; and **Hubert F. Crane**, carpenter.

The Ozarks . . . An archaeological treasure



Funding has made excavation possible in areas of the Ozarks that are gradually being flooded under the Truman Dam project.

For thousands of Missourians, fishing, hunting, water sports or a weekend drive means a trip to the Ozarks. But vacationers intent on a relaxing weekend probably never stop to think that millions of people have walked the Ozark trails long before them.

"There is evidence of continuous occupation for more than 11,000 years in the Ozarks, beginning just after the Ice Age," says UMC archaeologist Donna C. Roper. As project director for the Truman Reservoir Archaeological Project in the Ozarks Region, Roper sees the area as a rich resource base.

Roper is researching a project funded by the Corps of Engineers under a contract titled, "Mitigation of the Adverse Impact of the Harry S Truman Project Upon the Archaeological Resources." That contract results from the 1974 Moss-Bennett Bill, which requires developers to fund archaeological excavations prior to inundation.

The University has conducted research in the Truman Dam reservoir area under the contract since 1975. W. Ray Wood, UMC professor of anthropology, has

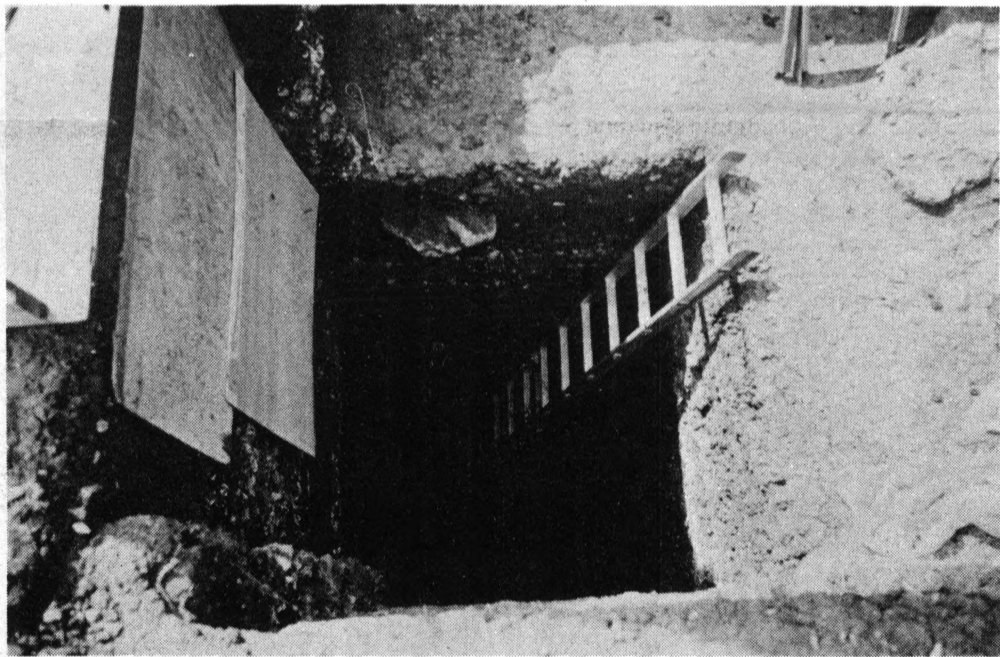
documented more than 1,500 prehistoric sites on 23 percent of the 166,000 acres of the reservoir. Wood determined the sites had significant archaeological, historical and architectural impact.

Since that time, Roper has done field work for two summers, excavating and testing certain sites that will eventually be flooded by the Truman Dam.

A recent \$460,220 contract modification will allow her team of 35-45 workers to inventory and continue excavation in sites which will soon be flooded. She will select sites to excavate based on the types of activities at the sites and historical time span.

Artifacts found in the area are mostly projectile points and stone tools. The acidic soil has not preserved wooden implements. The tools will be studied to determine how the populations used the environment and what stylistic and technologic adaptations were made.

The region is an excellent example of how people adapt to the natural environment, Roper says. Over the years subtle variations in physical properties and living patterns occurred.



Descending the ladder into this excavation, one can see the layers of rock and debris that mark the history of man's habitation in that area for 10,000 years.

According to Roper, originally a small mobile population of hunter-gatherers lived in the forests. Gradually the landscape began to change and make demands of the people. Rivers dried up and the inhabitants turned to prairie resources, such as the bison, for survival.

As the climate became cooler and the habitat took on its present characteristics, residents were able to live in a greater variety of places. They became dependent on water products — fish, mussels and turtles. Indians in the area were less mobile and developed agricultural techniques for growing squash and corn.

Eventually technological changes were made: bows and arrows replaced javelins for hunting and pottery was introduced. People began to live in small villages.

Then strangely enough, the Ozark inhabitants suddenly stopped their development. Civilizations around the Ozarks changed, but the Ozark folk did not.

Roper says that archaeologists have found a tremendous diversity of artifacts in the Truman reservoir area, which,

according to their knowledge, were not used by the residents. The artifacts suggest that transients visited the area only for specific purposes. The Osage, Omaha, Kickapoo and Shawnee Indians are thought to have used the Ozarks for hunting grounds but maintained their major habitation in other locations.

As Roper prepares to spend her last field season at this spot, she estimates there are approximately 5,000 archaeological sites in the reservoir, rich with information. While archaeologists are not sure at present if inundation preserves or destroys sites, Roper is certain that when the 55,600 acres are flooded later this year, they will be much less accessible. She has taken up scuba diving just in case.

"Archaeologists should be more concerned with the way of life in that area, how people adapted to the changes and why the changes occurred. It is important to learn how people used their environment," Roper says.

"The pre-history gives lessons of the past to help us avoid making mistakes in the future."



An archaeology student sifts through debris at a human habitation site, looking for clues to help him determine what life was like hundreds of years ago.

Researcher recreates arrowheads to study Ozark tool use, culture

As more than 400,000 pieces of material are brought back to the University by archaeologists, an interesting sideline is being carried on by graduate research assistant Jack Ray.

He "knaps" flint to reproduce arrowheads and other tools found in the Truman Reservoir. By reproducing the

artifacts, experiments can determine wear patterns and the tool's use. This helps establish the site's use — hunting, habitation or production.

Tool assemblages or kits occur in different sites, showing how the people divided their time and activities over the landscape.

Ray's duplications are used to cut bark, bones, scrape hides and whittle wood until a wear pattern is established that matches the original stone.

"In the previous generation, archaeologists looked at tool form," says Mike Reagan, UMC archaeologist. "Now we're looking at tool use to provide data about the culture." Reagan directs the lithics lab which sorts and catalogs the enormous amount of debris carried back to the University.

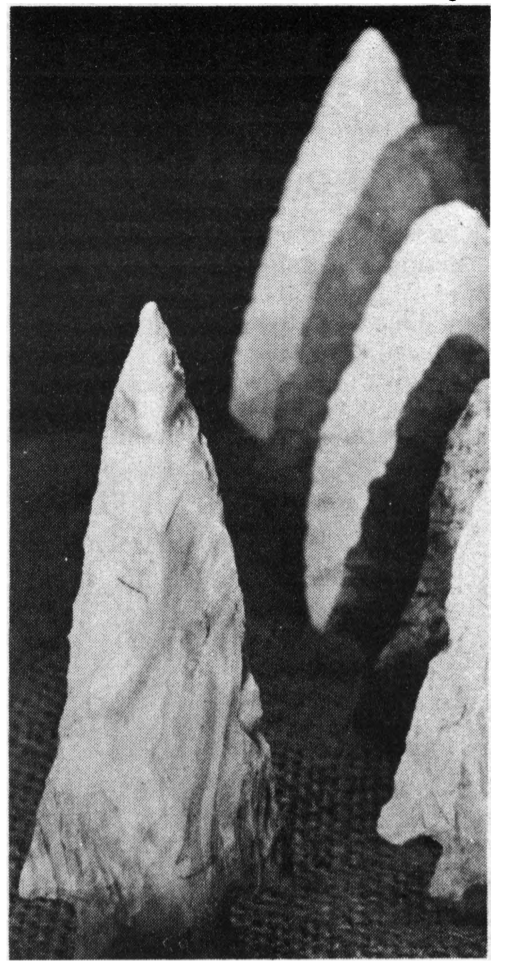
Ray uses three types of chert to create arrowheads: blue Jefferson City chert, white to buff Burlington and mottled Choteau chert.

He uses a quartzite hammerstone to hit flakes from a chert nodule. A deer or elk antler baton is employed to shape or knap the large flakes.

The final step is pressure flaking. Using hand pads, Ray applies even pressure to an antler tine, pressing in and down on the edge of the point to break off even smaller flakes.

Ray is self-taught and says the art is mainly trial and error. An arrowhead can be completed in 30-60 minutes but can disintegrate from the shock of the final blows.

There are only five or six formal knapping schools in the country, but Reagan says there are many more amateurs who make arrowheads for a



A "new" arrowhead reproduced from older models.

hobby.

Both men are interested in learning new techniques from amateur knappers. "It is insightful to know about the debris from tool manufacture, and we want to learn more about the technical process the Indians went through to make tools," Reagan says.



Graduate research assistant Jack Ray uses a quartzite hammerstone to shape the recreated arrowheads.

Calendar of Events

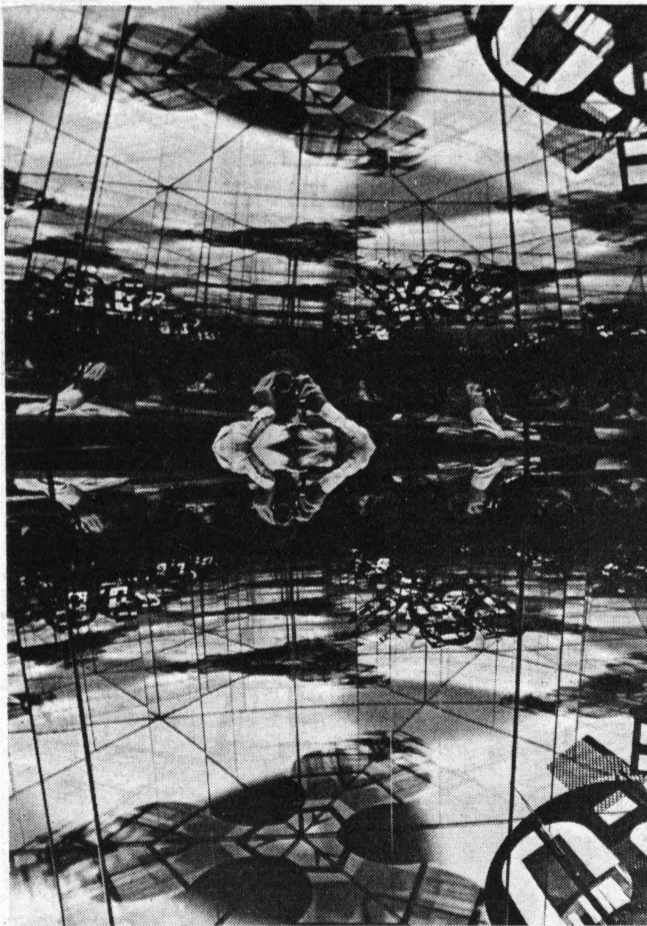
Academic schedule

- May 4: Final examinations begin.
- May 11: Second semester closes at 5:30 p.m.
- May 12: Annual commencement.
- May 14: School of Journalism first summer session registration; classwork begins 7:40 a.m.
- May 28: School of Journalism first summer session Memorial Day recess.

Conferences, short courses

- May 4-6: Art Educators' Conference. Call 882-4349 for further information.
- May 6-7: Cosmetology Teachers' Workshop. Call 882-4349 for further information.
- May 8-9: Health Professions — Heart Association Nursing Program, Memorial Union. Call 882-2256 for further information.
- May 10-11: Health Professions — Emergency Room Nursing Care, Memorial Union. Call 882-2256 for further information.
- May 11-12: Health Professions — Radiological Technologist Annual Conference. Call 882-2256 for further information.
- May 14-17: Swine Farrowing School for Women. Call 882-4349 for further information.
- May 15-17: Non-fee Conference — Criminal Law Seminar, Hearnes Multipurpose Building. Call 882-6021 for further information.
- May 17-18: Meat Processor Seminar. Call 882-4349 for further information.
- May 18-19: Health Professions — Radiological Technologist Education Seminar. Call 882-2256 for further information.

- May 19: Non-fee Conference: International Reading Association. Call 882-6021 for further information.
- May 22-24: Non-fee Conference — Hospital Security Offices Seminar, Hearnes Multipurpose Building. Call 882-6021 for further information.
- May 25-26: Care of the End-Stage Renal Disease Patient by the Non-Nephrologist Physician. Call 882-2256 for further information.
- May 30: Seminar: Notification of Next of Kin, Kay Ketchie, Chaplain, Truman Veterans Administration Hospital, 9 a.m. to 5 p.m., 309 Hearnes Multipurpose Building. Tickets \$15 at Institute of Public Safety Education, 307 Watson Place.
- May 30-June 1: Law Seminar. Call 882-4349 for further information.
- June 3-6: Supermarket Operators Management Conference. Call 882-4349 for further information.
- June 3-8: Writer's Workshop. Call 882-4349 for further in-



LUX 2, Kinetic Art, a serigraph by sculptor Nicholas Schoffer, is one of the screen prints on exhibition at the Museum of Art and Archaeology. The prints represent a decade of graphics from the pop and op art movements of the sixties to the photo-stenciling of the seventies. "Serigraphy: The Art of Screen Printing, 1966-76" will be on view until June 24. Museum hours are Tuesday through Sunday, noon to 5 p.m.

formation.

- June 4-8: 13th Annual Conference on Trace Substances in Environmental Health, Memorial Union. Sponsored by E.T.S. Research Center.
- June 4-22: Basic Law Enforcement Training. Call 882-6021 for further information.

June 5-7: Non-fee Conference—Surveillance School, Hearnes Multipurpose Building. Call 882-6021 for further information.

June 5-7: Missouri Federation of Garden Clubs. Call 882-4349 for further information.

June 5-8: State 4-H Week and State 4-H Leaders Forum. Call 882-4349 for further information.

Deadlines, other events

- May 5: Ellis Library open 8 a.m.-midnight.
- May 5: Annual Meeting & Luncheon of Friends of the University of Missouri Library & State Historical Society of Missouri Library. Call 882-4701 for further information.
- May 6: Ellis Library open 2 p.m.-midnight.
- May 7-10: Ellis Library open 7:30 a.m.-midnight.
- May 11: Ellis Library open 7:30 a.m.-5 p.m.
- May 12: Ellis Library open 8 a.m.-5 p.m.
- May 13: Ellis Library closed.
- May 14-27: Ellis Library schedule, Monday-Friday 8 a.m.-5 p.m., Saturday 8 a.m.-noon, closed Sunday.
- May 28: Ellis Library closed.
- May 29-June 11: Ellis Library schedule, Monday-Friday 8 a.m.-5 p.m., Saturday 8 a.m.-noon, closed Sunday.

Films, exhibits

- May 4: MSA Movie: "House Calls," 7 & 9:30 p.m. in Jesse Auditorium. Advance tickets 75 cents at Memorial Union ticket window, \$1 at the door.
- May 6-12: Undergraduate Student UMC Exhibition Monday-Friday: 9 a.m.-3 p.m.; Saturday: 2:30-4:30 p.m., in the Fine Arts Building. Free and open to the public.

Top graduates from page 2

Heather E. Roman, Mary A. Rosenboom; Nursing: Linda Sue Bickel; Pharmacology: William G. Keyes; Philosophy: Jonathan L. Kvanvig, Robert M. N. Palmer; Physics: Chris W. Baumgart, James L. Casteel; Physiology: John Francis Heidlage; Political Science: Malcolm L. Cross, James W. Riddlesperger Jr., Candy C. Young; Practical Arts and Vocational-Technical Education: Daisy L. Cunningham, Mary Y. Morgan; Psychology: Jerry N. Conover, Leonard A. Doerfler, Thomas Heffernan Jr., James D. Knight; Educational Psychology: William R. Koch; Recreation and Park Administration: John J. Hartman Jr.; Romance Languages: Cynthia P. Franklin, Martha A. Lane, Susan Lester, Patricia L. Peterson; Sociology: James D. Campbell; Special Education: Wayne K. Foster; Speech and Dramatic Art: Pamela J. Bongas, Scott C. Lehr, Kathryn A. Waner; Statistics: Kenneth B. Fairbanks, Ruth C. Sturdevant; Veterinary Medicine and Surgery: Conrad H. Boulton.

Campus People

'Woman of the Year' honor goes to Baker

Julia Baker, administrative manager of the Business Operations Office, has been named "Woman of the Year" by the Boone Belles' Chapter of the American Business Women's Association.

A member of the UMC staff since 1967, Baker aids in preparation of the business office's operating budget, legislative re-



Julia Baker

quests, coordinates campus liability insurance programs, and is responsible for facilities inventory and space utilization studies.

Baker is the campus representative on the University Retirement and Staff Benefits Committee and recently began a three-year term on the Central Association of College and University Business Officers St. Louis Professional Development Workshop Planning Committee.

She was elected chapter "Woman of the Year" by vote of the membership. She and two other candidates were recommended for the honor by a three-member external judging panel appointed by the chapter's executive committee.

A member of the chapter for two years, Baker has served as corresponding secretary and public relations chairman.

She is enrolled in the College of Arts and Science through the Employee Assistance Program and plans to enter the College of Business and Public Administration to earn a degree in business administration.

Baker will compete for the 1979-80 American Business Women's Association "Top Ten Business Women" award and "American Business Woman of the Year" honors to be presented in October at the organization's national convention in Minneapolis.

Groshong elected to professional post

Kee W. Groshong, UMC associate business operations officer, was elected to a one-year term April 8 as an assistant area director for Area 11 of the Ad-



Kee Groshong

ministrative Management Society.

The professional organization has 1,100 members in an area consisting of Missouri, Kansas, Colorado, Iowa and Nebraska.

A member of the UMC staff since 1965, Groshong was named manager of accounting services in 1970 and has been associate business officer since 1976. He has served as president of the Mid-Missouri chapter of the Administrative Management Society and chairman of the local board.

Associate Dean Larson is 'Boss of the Year'

Kenneth L. Larson, associate dean of the UMC College of Agriculture was named "Boss of the Year" at the annual Boss Night Dinner at the Mizzou Charter Chapter of the American Business Women Association.

Sue Troutner, his administrative secretary and one of the 22 chapter members, wrote Larson's winning nomination. The award was presented March 19 at Haden House.

Tippin is reappointed to national committee

Keener Tippin, assistant director of admissions at UMC, has been reappointed to the 1979 selection committee of the National Achievement Scholarship Program for Outstanding Negro Students.

The National Merit Scholarship Corporation sponsors the program.

Each year the 12-member committee, composed of admissions officers and counselors from throughout the country, select the National Achievement Scholarship winners.

A native of Texas, Tippin received his bachelor's and master's degrees from Lincoln University in Jefferson City and his doctorate from UMC. He is serving his third year on the national committee.

Announcements

Running course

Joggers and runners are invited to use the newly marked running course at the A. L. Gustin, Jr. Golf Course. Permission to use the course should be requested in writing to the UMC Business Office, 311 Jesse Hall.

Running hours are noon to dark each day until Aug. 31 except for times when special events are scheduled. The course will be posted at these times.

Golf course manager Earl Stone reports that the running path is marked by white squares painted on trees. The path is counter clockwise, generally around the perimeter of the golf course. Stone urges runners to follow the marked path at all times to avoid conflict with golfers and their shots.

Kiehl reception

A public reception for Elmer R. Kiehl is scheduled for 2 to 4 p.m. Sunday, June 3, at the UMC Alumni Center.

Kiehl, a UMC faculty member since 1946 and dean of the College of Agriculture from 1960 until March 16, is currently on leave of absence with the U.S. Department of Agriculture in Washington, D.C. Kiehl will not return as dean at the end of his leave.

Writers Workshop

A workshop for writers — published and unpublished — will be held June 3-8 at UMC.

Sponsor is the School of Library and Informational Science, with partial support through a grant from the Missouri Arts Council and in cooperation with the Extension Division.

The five-day workshop, for anyone who would like to see his or her works in print, will deal with style, technique and character/plot development. It will cover market survey, preparation of manuscripts and submission procedures.

Participants may choose two special interest areas from fiction, non-fiction,

poetry or writing for children. Evening sessions will feature informal discussion with several published Missouri authors who write as a hobby.

More information is available from Sarah Hulett, UMC Office of Conferences and Short Courses, 882-4660.

Women's studies

Persons interested in women's studies are invited to attend the first national convention of the National Women's Studies Association at the University of Kansas May 30-June 3.

More than 1,500 feminist educators are expected to attend the conference.

More information is available from Anne Carman, coordinator of women's studies, at 882-6068.

Exercise course

Feel like doing something about that "new figure" you accumulated over the winter months?

The department of physical education is offering a non-credit short course this summer called "Exercise for Fitness and Figure." The course meets at McKee Gym from 12-1 p.m. Mondays, Wednesdays and Fridays from June 11 to August 3. Cost is \$35.

For further information, call Conferences and Short Courses at 882-6394, or Jane Bennett, assistant professor of health and physical education, 449-2152.

Award to KBIA

For the second consecutive year, KBIA-FM, UMC's public broadcasting station, has won the Media Award of the Missouri Pilots Association. The award is given annually to the Missouri newspaper, magazine, or television or radio station judged to have given outstanding publicity to aviation.

KBIA-FM received the award both last year and in 1979 for its inclusion of aviation weather in regularly scheduled weathercasts.

Tap Day ceremonies induct 11 UMC faculty and staff

Nearly 70 UMC students and 11 faculty and staff were inducted into senior honor societies during Tap Day ceremonies April 18 on the Francis Quadrangle.

Groups revealing new members were Mortar Board, QEBH, Mystical Seven and Omicron Delta Kappa. Also announced were members of LSV who have served anonymously for a year.

Not tapped but given special recognition were UMC Police Maj. Mick Deaver by Mortar Board for his efforts on behalf of women students and Dorothy Rodgers, UMC Student Health Service gynecologist, who was honored by LSV for her contributions to women on campus.

Faculty and staff initiates were Chancellor Barbara S. Uehling, who was inducted

into Mystical Seven and Mortar Board; Vice Chancellor Walter Daniel and Tiger football Coach Warren Powers, tapped by Mystical Seven; Theodore Tarkow, associate professor of classical studies, tapped by Omicron Delta Kappa and QEBH; Hans Mauksch, professor of family and community medicine; Guy Conway, student activities adviser, and Robert Arkin, assistant professor of psychology, tapped by Omicron Delta Kappa; Mabel Grimes, assistant professor of speech and specialist in youth extension, and Sandy Nickel, assistant professor of speech and drama, who were tapped by LSV; and Joseph Silvano, professor of accountancy and director of the School of Accountancy, and Joann Rutherford, women's basketball coach, who were tapped by QEBH.

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Baxter to be vice chancellor for administrative services

C. Thomas Baxter Jr., vice chancellor for administration and finance at the University of Massachusetts-Boston, has been appointed the new vice chancellor for administrative services at UMC in the reorganized administration of Chancellor

Barbara Uehling.

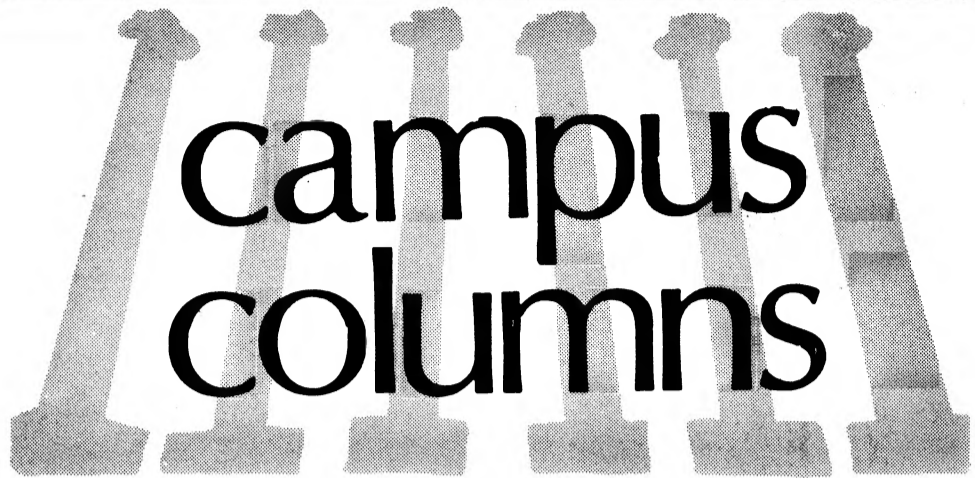
The appointment is effective late July. Baxter, 40, will serve as the chancellor's principal deputy in such areas as personnel, payroll, purchasing, and physical plant maintenance and operation.

He has been at UM-Boston since 1971. He was budget director and assistant director of administration and finance until 1974 when his title was changed to director of the Office of Budget and Control.

As budget director he was responsible for overall preparation for a new campus serving more than 8,000 students. He represented the institution before both the executive and legislative branches of the Massachusetts legislature to defend and justify budget requests. He also was

responsible for developing a long-range financial plan and financial reporting system for UMB.

Baxter was named vice chancellor for administration and finance in December, 1976. In this capacity he has been responsible for supervision of accounting and financial management, purchasing, personnel, bursar, auxiliary services, administrative data processing, grant and contract administration, security and physical plant operations.



campus columns

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 10, No. 11

Wednesday, June 6, 1979

'After Bakke' series begins June 18

The UMC department of sociology distinguished scholars lecture series will offer three public programs during the first four-week session of summer school.

Part of a broader course offering on "After Bakke: Affirmative Action Reassessed," the lecture series is funded through a special grant by the UMC chancellor's office.

Public lectures are free and begin at 7:30 p.m. in the Women's Center, 1 Gentry Hall. The schedule is:

—June 18 — Joseph A. Harris, labor economist and journalist. Harris is a

member of the Labor Research Association and edits "Economic Notes," a journal of economic analysis for trade unionists.

—June 21 — Ernest McKinney, celebrated historian — associated with the A. Philip Randolph Foundation. (Tentative plans include a debate with Missouri Human Rights Commissioner Alvin Brooks.)

—July 5 — Dalmas Taylor, University of Maryland psychologist. A public lecture with a speaker from the National Center on Law and the Handicapped is planned.

Council discusses employee awards, elections

The Employees' Staff Advisory Council determined criteria for a staff awards program and procedures for electing council representatives at its May 24 meeting.

The council will recommend to the chancellor that a new program to recognize the work of outstanding staff be implemented this November. Fannie McBride, chairperson of the Recognition Subcommittee, proposed that twelve cash awards and plaques be given annually to three employees in each of the four categories: administrative/professional; secretarial/clerical; technical/paraprofessional; and craft/service/maintenance categories.

Nominations would be submitted to staff council; criteria for the award would be outstanding character, demonstrated ability and performance in a particular area, dedication to the concepts of the Universi-

ty, relationship with associates, and ability to relate the work with the missions of the University.

The amount of money awarded each outstanding staff member would depend on the money available. The council voted that the awards be presented at a reception in the Alumni Center, and that the top 10 persons nominated in each category also receive letters of commendation.

Since the awards program would be off to a late start in 1979, the council recommended that the first awards be presented in November, 1979, but during the spring in 1980 and in following years.

To replace council members next year, staff council will appoint a nominating committee composed of three members not up for re-election. That committee will informally solicit a slate of nominees for next year's council. The nominating

committee would insure that the slate was racially and sexually balanced; however, the election itself would function as an open election, with the persons receiving the highest number of votes taking seats on the council, regardless of race and sex.

Other news from the May meeting:

—Chancellor Uehling approved the idea of combining *Campus Columns* and *Faculty Bulletin* into a monthly publication for all faculty and staff, supplemented by weekly newsletters. Charity Flack, chairperson of the Communications Subcommittee, will submit a joint proposal with the Faculty Council representative to the chancellor and to Provost Owen Koeppel.

—Regarding the council's proposed bylaws and constitution, the chancellor said she preferred the council draft operating guidelines initially, since most

new groups find it easier to operate with guidelines at first.

—Next year's council will have 16 members instead of 12, to help with the committee workload. The current council has 15 members, with three from the disbanded Campus Management Advisory Committee whose appointments were only for one year.

—The council welcomed Vicky Keith, who replaced Cliff Manlove as a representative of the administrative/professional staff. Keith is coordinator of the Women's Center, located at 1 Gentry Hall.

—Libby Miederhoff, chairperson of the Compensation and Staff Benefits Committee, has contacted David West, chairman of the finance department, about offering a free personal finance course for staff. If there is enough interest, a course will be offered this fall consisting of three two-hour sessions, and covering personal budgeting, personal investment and personal insurance.

—The council will meet on the third Thursday of each month at 1 p.m. for the rest of the year. Secretary Pat Ives will try to reserve a room at the Memorial Union.

—Kee Groshong, chairman of the Operations Committee, has submitted recommendations to increase staff representation on University committees to Bud Middleton of the Committee on Committees. This year, Groshong plans to send a listing of the committees and charges to each staff member so persons can designate the committees on which they wish to serve, similar to Faculty Council's procedure.

—Libby Miederhoff proposed that staff council sponsor open sessions on the wage and salary system so that staff understand how it affects them. The personnel and fiscal offices have been contacted and are willing to teach the sessions. September was suggested as a good time to hold the sessions, and release time for the sessions was discussed.

—Miederhoff also mentioned that the Boomerang Program, an affirmative action and equal opportunity consciousness-raising program, would be worthwhile for staff. Miederhoff will look into the feasibility of offering it to all staff.

—Fannie McBride, chairperson of the Recognition Subcommittee, is leaving the University, and it was proposed that Garf Thomas take her place as chairperson.



Fighting with fire

UMC's Fire Training Office, which has been instructing the state's firefighters for over 30 years, demonstrates a liquified petroleum gas emergency May 31 at the Columbia Fire Training Center. The unit, donated by the Missouri LP Gas Association and built by the UMC fire training staff, simulates a propane truck with a ruptured tank. Firemen are taught to reduce the tank's internal pressure and close the relief valve within five to eight minutes.

Dear Mr. President:

UMC energy savings show 'the buck stops here'

Editor's note: Senior Information Specialist Art Schneider decided to find out what UMC has done to save energy — and he was impressed with the progress we've made. He thought you'd like to know about the little-publicized but highly efficient program on campus, and that President Carter would, too.

Attention President Carter:

You can be proud of the University of Missouri-Columbia.

Well, yes, the Tigers are a great team, and we're committed to affirmative action, but there's still another reason.

You see, we're doing a very good job of energy conservation. In fact, we're doing a great job.

With apologies to our campus energy coordinator, Rex Dillow, assistant director of the physical plant, and his energy lieutenant, Larry Edwards, supervisor of engineering services, pull up a chair and listen while we Missourians brief you — and brag a little.

Back at the time of the 1973 Arab oil embargo, we were just as energy wasteful as our neighbors. In just one year, we used about 1.3 billion pounds of steam and 110 million kilowatt hours of electricity.

And since 1972-73, we've increased the square footage we heat by 2.55 percent. That's an increase of 165,472 square feet — nearly twice the square footage of the main section of the White House. We've increased the area we service with electricity by 5.27 percent — 326,953 square feet.

Rest easy, Mr. President. No need to risk apoplexy just because we've boosted the square footage. The University needed it to meet enrollment and research demands and to meet some of the regulations your people hung on us.

Steadied, Mr. President?

Good. Now here's an earful. Over the past 12 months — that's April '78 through March '79 — UMC used 24.79 percent LESS steam than in 1972-73.

We used 8.41 percent less electricity than back in 1972-73.

No, our people don't have ambitions to run for your office, Mr. President, and we haven't passed our "secrets" along to Teddy. But we think you and other Americans should know some of the things we've done.

Like adjusting building temperatures to 78 degrees in the summer and 69 degrees in the winter. This summer, we'll challenge you. We're adjusting most of our thermostats to 80 degrees. That's tough on people in this part of the country, but we Missourians will handle it.

We'd adjust all our thermostats to 80 degrees, except it would mean using more energy. You see, when we still thought and acted like our energy sources were never

ending, a few of our older buildings were constructed with little or no regard for energy efficiency.

Some of our air conditioning units pump out air that's cooled to 55 degrees and then is reheated to 68, 70, 75 or whatever temperature we set. If we put all our thermostats up to 80 degrees, that'd mean in some places we'd have to heat air 25 degrees. So, in those areas we'll keep it cooler and save energy.

Some other facts. . .

We cut domestic hot water temperatures from 140 degrees to 110 degrees and reduced heat and cooling demands when buildings are not in use. It causes some of us to do our weekend work at home and our evening work in sweaters or light clothing, but we've found we can do it.

The key ingredient to our success is the enthusiastic cooperation of staff, students and faculty. And here are a couple of examples of the kinds of support we've received.

Just recently, biochemistry requested several individual air conditioning units for summer research labs. After reviewing the request, people from biochemistry and the physical plant got together and discussed ways to more efficiently use the labs, such as scheduling and consolidating. The result: An agreement to see if air conditioning only two rooms instead of the five originally requested will work.

Another thing we've done is that our physical plant has reduced lighting levels to Department of Energy recommendations, and we've gotten into the habit of turning off lights and other power equipment when they're not being used.

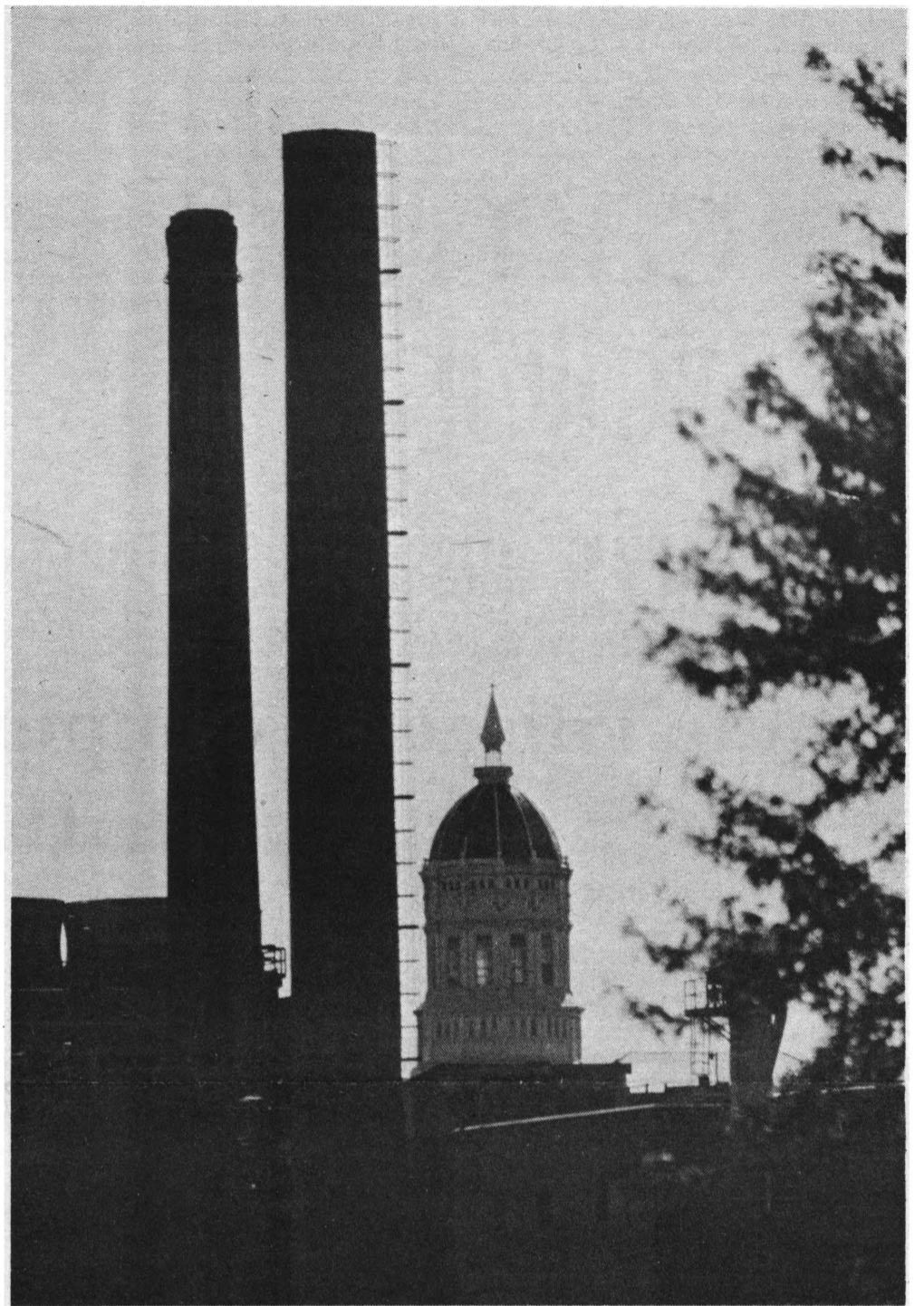
Some programs you might consider which we've found to be cost effective are replacing heavily-used interior incandescent lights with fluorescent ones. Outside, we've installed high pressure sodium lights that use only a fraction of the energy previously required.

The campus has reduced ventilation rates, vented exhausted air to pre-condition incoming fresh air, and made air-handling equipment adjustments to fit particular needs and time requirements.

But we're going to do even more, Mr. President.

We've gone about as far as we can without a major financial commitment. Now we're preparing to do that.

Last February, we hired Larry Long, a professional engineer, to work solely on energy conservation projects. Building on the firm foundation already established, Larry has developed a comprehensive computer program to audit energy consumption for each building on campus. That will provide historical and comparative data that we can use for future planning.



The physical plant has hired three bright young engineering seniors this summer for a room-by-room inventory of campus facilities and equipment. While making the inventory, the students will gather information that can be used in developing a more comprehensive energy control program.

And we're planning a lot more. Our engineers did some research on energy lost through windows. In eight buildings we were losing heat at an annual expense of about \$1 per square foot of window area. Energy lost because of deteriorated window frames added another \$1 loss per square foot of glass. Installing storm windows will cost about \$3.50 per square foot, so we're going to do it — if the legislature will help us. As a businessman, Mr. President, you can appreciate a three-and-a-half year payback.

We have other plans in the hopper, too. With the City of Columbia and some federal assistance, we're looking at the feasibility of converting our trash into energy.

A centralized building control system is another avenue we're actively exploring. You may be familiar with the system, Mr. President: it's been advertised on television. A single computer is given responsibility for monitoring the energy requirements, turning lights on and off, controlling just about every conceivable electronic gizmo you could want hooked up to the system, including a fire alarm or even a tape recorder.

It's expensive, yes. The basic system would cost about \$100,000. Then we'd have to put in quite a few more dollars for each building and piece of equipment we'd want to add to the system. Right now, we're looking at the long-range prospect of in-

cluding as many as 25 buildings on such a system.

With energy prices soaring, we know we'll make up the cost in just a few years — maybe even before daughter Amy is old enough to enroll here.

On your desk, sir, you keep a motto that one of our many famous Missouri heroes made popular, "The Buck Stops Here." We want you to know, Mr. President, that at the University of Missouri-Columbia, we're not passing the buck. We're going to continue to improve on our efforts.

Professional engineer works to expand UMC conservation

A professional engineer has been hired by UMC to work full time on energy conservation projects.

Larry Long of Boonville, a 1971 graduate of UMR, holds a bachelor's degree in mechanical engineering. He has held engineering jobs for firms in St. Louis and Boonville and has been an engineering consultant in private practice for one year.

"I'm really continuing what the University already has started," says Long. "Since February I've been busy developing an historical energy audit on the campus's buildings, learning about what other universities have been doing in energy conservation and backgrounding myself on available technologies.

"Ten years ago," he notes, "buildings were designed for comfort with little regard for energy efficiency. Now we're at a point that we have to find ways to maximize energy efficiency with what is economically and physically possible."

Brought up in Chillicothe, Long says engineering for energy efficiency is a new and challenging role he's anxious to exploit.

"I've been tinkering with things all my life," admits Long. "My basement is full of old motors. When I was a youngster, I overloaded our house circuits so much that my father had to buy fuses by the box. I still occasionally overload circuits, but I don't worry about fuses — I've got circuit breakers."

CAMPUS COLUMNS

(USPS 711-780)

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For change of address, obtain a W-4 form from your department office, fill it out entirely, and send it to the Payroll Office, 16 Jesse Hall.

Editor: Catherine Kernen

The University of Missouri
An Equal Opportunity Institution

'Coach' Archer predicts a good theater season

At first glance, the UMC Summer Repertory Theatre players don't seem to have much in common with the University's athletes.

The development of a quality repertory company and a sports team does have its parallel, however. As one of the directors for UMC's Summer Repertory Theatre for six seasons, Stephen Archer, professor of speech and dramatic art, has observed some of those similarities first-hand.

"I had a football coach for a roommate before I was married, and we agreed that we were in almost exactly the same business," Archer says.

Although the jargon of the sports and dramatic art fields differs, both involve many of the same steps in putting together a successful play — or a winning team. Scouting for talent, analysis of the plays and teamwork preoccupy theater directors' as well as football coaches' time.

Although the repertory season this year only lasts about a month, preparation begins the December or January before, when the theater faculty huddle on who will direct, who will be a guest director, and what will be performed. The plays chosen this year are "The Amorous Flea," a musical by Jerry Devine and Bruce

Montgomery; "Private Lives," by Noel Coward; and Thornton Wilder's American drama "Our Town."

The directors then begin analyzing their respective plays. In Archer's case, this meant reading several scripts of Moliere's "School for Wives" in English and French. The classic is the basis for "The Amorous Flea," which Archer is directing. Meanwhile, the stage crew is tackling the set design and costuming.

The talent search begins in earnest by March. The directors observe between 300 and 400 actors in auditions before selecting the 40 who will make up the repertory company. Archer's scouting took him to St. Louis and Atlanta this year.

The large pool of talent plays a key role in the success of the repertory theater, Archer says.

"Summer Repertory Theater is our major league operation of the year. We open our auditions to everyone in the world, then we skim off the top 10 percent for our company," he explains.

Roughly 50 to 60 percent of the company is made up of UMC faculty and students.

A lot of trading occurs before the company members are finally selected, however.

"Casting repertory theater is much different than casting a regular show," Archer says. "The members of the company have to be right for all three directors."

"It's fascinating to watch all the trading that goes on — there's a lot of 'I'll take him if you take this one.'"

This year, professional actor Mike Mauldin will be in the company. Besides appearing in repertory, he will perform two one-man shows. He will be impersonating Mark Twain a la Hal Holbrook, and also doing Edgar Allen Poe from a script written especially for him.

Working with semi-professional and professional actors in repertory gives the UMC students in the company some experience and knowledge not gained during the regular season, Archer says.

"The students have to learn how to compete during auditions, so it's more like the real business. The repertory experience is also different for them because it's nothing but theater," Archer says.

Beginning a month in advance, the grueling practice begins.

"Nobody looks up the entire month of June," he comments.

Practices last nine hours a day, six days

a week, plus a six-hour practice on Sundays for both the actors and technical crew.

"Repertory tests an actor's talent, versatility and endurance," he says.

"We develop a sense of ensemble — we're all in this together. It's not like the regular season because the company isn't divided up by different shows."

The scrambling eases up with the first performance but the schedule still demands a lot of the company and technicians. They perform six days a week, with an afternoon rehearsal of the evening offering.

"We're like an athletic team, we have our up and down years. We don't have a win-loss record, but we do have a box office record," Archer notes.

Most sports teams would be thrilled with a track record similar to UMC's Summer Repertory Theatre, though. In 1977, the repertory played to sell-out crowds every performance.

And Archer sounds like a coach eager to meet this season's challenges head-on.

"We have a talented, industrious company and crew this year," he says. "I think this will be one of the most exciting summers we've ever had."

Theatre schedule

The 11th UMC Summer Repertory Theatre season will offer a musical, an American drama and a comedy of wit.

The season, which runs from July 5 through Aug. 2, opens with "The Amorous Flea," a musical comedy based on Moliere's "School for Wives." Written by Jerry Devine, with words and music by Bruce Montgomery, the classic farce features witty servants, a lecherous old guardian out to marry his beautiful ward and young lovers who eventually are united.

The second play is "Private Lives," Noel Coward's comedy of wit. The dialogue focuses on the basic human dilemma of Amanda and Elyot, two strongly individualistic characters who can live neither with nor without one another.

The third show is Thornton Wilder's American drama "Our Town." Set in a small New England town, the play examines the perplexities and joys of life through the eyes of the residents of Grover's Corners, and reminds us all that living is a beautiful, fragile experience often appreciated too late.

"The Amorous Flea" will be performed July 5, 10, 13, 18, 21, 23, 26 and Aug. 1 and 2. "Private Lives" will show July 6, 11, 14, 16, 19, 24, 27 and 31. "Our Town" will be presented July 7, 9, 12, 17, 20, 25, 28 and 30.

All performances will begin at 8:15 p.m. at the University Theatre, in the Fine Arts Building on Hitt Street.

Faculty and staff can order season tickets for \$8, or \$3 each for individual performances of "Private Lives" and "Our Town" and \$3.50 for "The Amorous Flea." Tickets can be ordered now by mail, or purchased at the University Theatre Box Office after June 25.

For further information, call the University Theatre at 882-2021.



Students perform in "Two Gentlemen of Verona," a musical presented last year by the Summer Repertory Theater. This year's musical, "The Amorous Flea," will open July 5.

Voice symposium will feature soprano

Eleanor Steber, a faculty member at Juilliard School of Music, will perform in concert at 8:15 p.m. Sunday, June 17, in the Fine Arts Recital Hall. She will be assisted by Robert Evans, a faculty member of the College Conservatory of Music, University

of Cincinnati.

Miss Steber has been leading diva for the Metropolitan Opera for 26 seasons and has performed as guest artist at 56 major music festivals internationally.

Her performance is part of the First

Symposium in Vocal Performance and Literature at UMC June 17-20, sponsored by Mid-Missouri Associated Colleges and Universities. She and Evans will also be holding master classes for the symposium's participants.

The MMACU Vocal Symposium is designed for students and teachers of singing and pianists interested in the techniques of vocal accompaniment. Classes in diction, interpretation and training the young voice will be offered.

Former graduates of MMACU schools — consisting of UMC, Central Methodist College, Stephens College and William Woods College — will perform in concert at 7:30 p.m. Monday, June 18 in the Fine Arts Recital Hall. They will be assisted by professional coach accompanist Levering Rothfuss. Faculty from MMACU schools will perform "An Evening of Opera Ensembles" at 7:30 p.m. Tuesday, June 19. Both concerts are free and open to the public.

Tickets for Miss Steber's concert cost \$2 and may be bought at the door beginning at 7:15 p.m. June 17.

Faculty musicians will perform during Chamber Music Seminar

The Esterhazy Quartet and the Missouri Arts Quintet will perform as part of a series of four concerts offered June 11-17 as part of the second annual UMC summer Chamber Music Seminar for young string and wind musicians.

Both groups will perform at 7:30 p.m. Monday, June 11, in the Fine Arts Recital Hall at UMC.

The second faculty recital will be held at 7:30 p.m. Tuesday, June 12 in the Fine Arts Recital Hall.

Eugene Levinson, string bass, and Gina Levinson, piano, will perform at 7:30 p.m.

Wednesday, June 13, in the Fine Arts Recital Hall.

The last concert, which will be performed by student quartets and quintets participating in the seminar, will begin at 1 p.m. Sunday, June 17 in the Fine Arts Recital Hall.

The participants range in age from 16 to 25 and represent a number of states. They will form four string quartets and five woodwind quintets which will devote one week to intensive study and performance of chamber music at UMC. Members of the Esterhazy Quartet and the Missouri Arts Quintet will serve as faculty.



EMPLOYEE ASSISTANCE PROGRAM

A program for faculty and staff. A confidential referral service for all employees and their families who are seeking solutions to persistent personal or work-related problems.

TAKE ACTION ... Call 882-6701
UMC Employee Assistant Program
215 Columbia Professional Bldg.

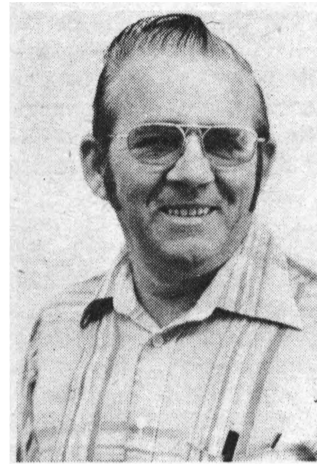
Columbia Campus Service Awards



Edward C. Cunningham, audio visual supervisor for University extension, has worked for the University 20 years.



Allan James Davies
agr. maint. worker II
vet. med. dean's office
10 years



Hollis Neal Hulen
sr. machinist
Graduate School
10 years



Clara Louise Carter
clerk typist
alum. & devel. fund
10 years



Cleo Fay Rybolt
fiscal assistant
Prov. Adm-Fiscal Oper. Office
15 years



Edward Dunham King
director
University Press
10 years



Jerry Sells
supervisor
Central Stores
10 years



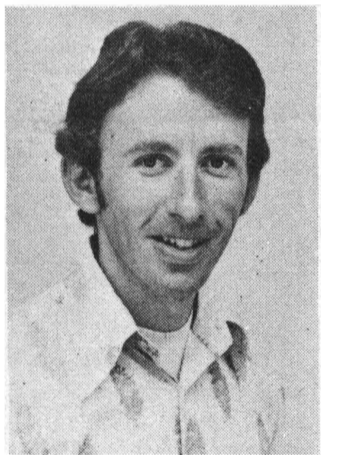
C.F. Cromwell Jr., superintendent, UMC Delta Center; Buss Johnson, ag. equip. oper mech II; Joe Elrod, farm worker III; Wayne Brooks, farm worker II and Merrill Bush, watchman, at a recent "pinning" at the Delta Center at Portageville. Johnson received his 10 year service award pin.



Betsy Ann Rule
chief clerk
University extension
15 years



Mary Evelyn Davies
sr. accounting clerk
vet. medicine dean's office
10 years



Russell Thomas French
shift supv.
tech. ed.
10 years



William Allen Ballard
sr. laboratory mech.
civil engineering
15 years



Brenda Kay Wilson
sr. secretary
UM financial planning
10 years



Ronald Ernest Mason
director
University Police
15 years



Willard S. Summers
landscape architect
vp for admin. affairs
20 years



Ann D. A. Cho
library assistant II
Ellis Library
10 years

Five year awards

Mary Amanda Wilson, secretary, Memorial Union; Ruby Stone, senior accounting clerk, intercollegiate athletics; James T. Ehler, janitor, Memorial Union; Kenneth N. Bassett, routeman, purchasing; Alexander Korelsky, janitor, janitors; Brenda Kay Crum, secretary steno, civil engineering; Melodee Elaine Schmidlein, admin. secretary, Missouri Kidney Program.

Dianne Larkin, TV producer, KOMU; Carol Ann Johnson, secretary, child health; Jill Cunningham, sr. res/lab tech,

biological science; Teresa Diane Newman, res/lab tech, agronomy; Geraldine H. Burke, secretary, sociology; Michael Boyd King, bowling machine tech., Memorial Union; Thomas L. Breen, patrolman, University police; Marcella L. Scruggs, sales clerk II, University bookstore;

Rosie Mae Stone, food service worker I, dormitories; George Wesley Walker, Jr., counselor, intercollegiate athletics; Ruth D. Leake, sales clerk II, University bookstore; Mildred M. Hollon, cashier,

University bookstore; Nancy Nims Mullins, library assistant II, library; Lenore T. Hizer, senior secretary, psychology;

Charles William Deming, electrician, electric shop; Martha Elizabeth Whitfield, food service worker I, dormitories; Janet W. Hartman, fiscal assistant, University extension; Guy Patrick Conway, student services advisor, Student Life; Frances Jennelle Fisher, senior clerk, purchasing; Daisy Marie Wilson, food service supervisor, dormitories; Barbara Lou Martin,

senior secretary, medicine; Joseph Robert Mazuranic, library assistant II, Ellis library;

Nancy Louise Ankeney, exec. staff assistant I, dean's office; Kathy Rene Stiers, secretary, coop extension service state; Mary Cynthia Williams, senior secretary, industrial engineering; Vickye D. Callison, library clerk I, Ellis Library; Mary Frances Klein, production supervisor, KOMU; Jo Ann Richardson, janitor, dormitories; Rebecca B. Manford, secretary, coop extension service state.



Julia Grace Baker
admin. manager
business operations
10 years



Ralph S. Havener
director
UM archives
10 years



Deborah Fisher
sr. secretary
experiment station chem. lab
10 years



James H.E. Lowe Jr.
greens superintendent
Golf Course
10 years



Barbara Rae Long
secretary/steno.
coop extension
15 years



Eva Jane Reid
platemaker
tech. ed.
10 years



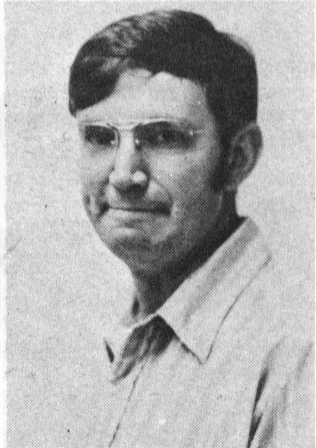
Marjorie Faye Reid
senior secretary
music
10 years



Terry Wayne Bashor
asst. dir. admissions
registrar and admissions
10 years



Glen Marvin Miller, assistant supervisor of the scientific instruments shop, has worked for the University 20 years.



Phillip Edward Moritz
pressman
tech. ed.
15 years



Sharon Stoebe Kile
library assistant I
Ellis Library
20 years



Dorothy McGowan
stores checker
purchasing
20 years



Linda Faye Peacher
supv. compos. print
tech. ed.
15 years



Yvonne Joland Ball
copy preparation spec.
tech. ed.
10 years



Doris Ann Lyons
clerk typist II
prov. adm-fiscal oper.
10 years



Roy Hiram Rice, spectrometrist, director's office agriculture, 10 years; **Rose Sweeney**, supr. agr. fert. lab, director's office agriculture, 10 years; **Klaus Gerhardt**, sr. res chemist, medicine dean's office, 10 years.

Promotions

Lisa Anthony, from clerk to clerk typist; **James Dollins**, from janitor to refrigeration mech. apprentice; **William George**, from groundsman to driver; **Denise Green**, from clerk II to senior receptionist; **Debra Hanrahan**, from senior clerk to secretary; **Karen Kay**, from stenographer to secretary steno.; **Daniel Mayfield**, from sr. EKG tech to cardiov. tech.; **Jackie McClain**, from coor. affir. action to mgr. staff rel. & aff. action; **Teresa Newman**, from res. lab tech. to sr. res. lab tech.; **Ken**

Reeves, from nursing attendant to lab storekeeper; **Gayle E. Marshall**, from clerk typist II to senior clerk; **Rebecca Ava Meyer**, from medical records supervisor to asst. manager medical records; **Mary L. Viveros**, from secretary steno. to secretary; **Marsha Branson**, from secretary steno. to secretary; **Mary Seewoster**, from secretary steno. to senior secretary; **Stephanie Staats**, from clerk to offset operator; **Wanda Joan Thurmon**, from senior clerk typist to secretary.

Welcome

Linda Joanne Eskew, senior stenographer, Vice Chancellor for Alumni Relations & Development; **Dale Lee Wilcox**, academic advisor, Arts and Science Dean's Office; **Brenda Gale Teppert**, clerk/typist, Development Fund; **Theodora Elaine Gorden**, food service worker II; dormitories; **Patricia D. Brandt**, secretary/steno, Veterinary Medicine Dean's Office; **Kim Kyung Soon**, clerk typist, Alum/Dev Fund Mgmt Systems; **James P. Stemmons**, food service worker I, dormitories; **Dan R. Prewitt**, groundsman, physical plant; **Clarence L. Cooper**, broadcast engineer I, television station; **Kathleen E. Doisy**, res/lab technician, entomology; **Joyce Whitehurse**, janitor, physical plant; **David Keller**, janitor, physical plant; **Joan McGrath**, senior secretary, Provost for Administration; **Twilla Denice Day**,

research/lab technician, Dalton Research Center; **Mary Teresa Weiler**, senior stenographer, English; **Nancy Langworthy**, stenographer, School of Nursing; **Julia Pitt**, laboratory assistant, biochemistry; **Karen W. Taylor**, sec. stenographer, co-op extension; **Charles R. Chase**, janitor, physical plant; **Albert Eugene Brock**, janitor, physical plant; **Ralph S. Reddick**, janitor, physical plant; **Robert E. Marriott**, food service worker II, Memorial Union; **Kim B. Rush**, sec/stenographer, Co-op extension; **David Ehrhardt**, asst. foreman agriculture, agriculture dean's office; **James D. Frahm**, farm worker III, agronomy; **Shannon Simpson**, senior secretary, veterinary medicine dean's office; **Neil Chappell Sanders**, watchman, physical plant; **Kathryn Brown**, clerk typist, registrar and admissions.



A "Missouri Lifesavers" award for 1979 was presented recently to three workers in the Whitten Hall Quick Copy Center — from left, Dorothy Jefferson and Ruth Crowder, offset operators; and Becky Benedict, Quick Copy Center operator. Robert P. Knight, director of Journalism Continuing Education for the School of Journalism and the Extension Division, honored the women for "excellence of service, cheerfulness of spirit and helping 'pull us out of the fire' many times in our programs by quick, efficient work in duplicating materials."

'Future' committees reviewing survey to guide them in planning for UMC

UMC's institutional and academic future committees are now analyzing approximately 1,250 questionnaires returned last month by students, faculty and staff to determine what values these groups regard as having primary importance for planning for the future of UMC. The survey also seeks information which will assist the committees in identifying key issues or problem areas to be addressed.

"We hope these responses provide some choice points on which to base our direction papers," says Sam C. Brown, chairman of the Institutional Future Committee.

The two committees will submit a set of direction papers to Chancellor Barbara Uehling by Sept. 1.

Although the committees have gone

their separate ways in search of key issues, both groups have conducted joint meetings with city, state and University leaders as well as developing and distributing a common survey questionnaire to a representative sample of the UMC community.

Part of the survey was structured, asking respondents to rate the importance of several values in relation to four broadly defined campus activities or functions: teaching, research, extension/service, and administrative support activities. The rest of the questionnaire was open-ended. "About 80 percent of the respondents took time to write in what they felt were key issues and we are in the process of trying to syn-

thesize the responses," Brown said.

Brown's committee is subdivided into four subcommittees: fiscal and institutional priorities; facilities planning; access and retention of students; and institutional image, decision making and governance.

The Institutional Future Committee and the Academic Future Committee, headed by John W. Rouse Jr., have jointly interviewed a number of individuals and groups this spring. These include the Council of Deans; Carolyn Ashford, the governor's chief of staff; UM system vice president Melvin D. George; members of the Columbia City Council; members of the Employees' Staff Advisory Council; representatives of the Alumni Association and members of the Board of Curators.

Women's Center offers group study

UMC's Women's Center will begin registration for its summer groups June 11. Interested faculty, staff and students may call 882-6621 or stop by 1 Gentry Hall between 9 a.m. and 9 p.m. The sessions are free and open to the public.

The summer study offerings are:

Assertion Training for Women (two groups) — First group, Thursdays beginning June 14, six sessions. Second group to be announced. Facilitators are Vicky Keith, Women's Center coordinator, and David Patterson, veterans benefits counselor. Through assertion training, individuals learn how to stand up for their rights without standing on the rights of others.

The Art of You — 7 to 9 p.m. Tuesdays beginning June 19, three sessions. An exploration through film art media, and discussion of how to enrich and express yourself through art. Facilitators will be Anita Salazar, MSA Craft Studio staff member and Cynthia McCord, art teacher, Rock Bridge High School.

Feminist Theory Group — 7 to 9 p.m. Wednesdays beginning June 20. A chance for those with an interest in feminist theory to share their knowledge and exploration with others. Materials and approach will be decided by group members.

Men in Transition — 7 to 9 p.m. Wednesdays beginning June 20, six sessions. Male friendships, self-disclosures, assertiveness, sexuality and the aging process will be issues covered. Facilitators will be Andy Schauer, doctoral candidate, counseling and personnel services, and Phillip Harris, clinical psychologist.

Relating to a Partner's Child — 9 a.m. to 4 p.m. Saturday June 23. Vicki Campbell, UMC Women's Center staff member and Pam Mauch, doctoral candidate, counseling and personnel services, will be facilitators. A workshop for people having involvement with a partner's children, whether full time, part time or step parenting. This will be a time to share experiences and explore your role in

relationships to the children, your partner and yourself.

Communication Between Women — 9 a.m. to 5 p.m. Saturday, July 7 and 9 a.m. to noon Sunday, July 8. Facilitators will be Ann Strack and Pam Mauch, both doctoral candidates in counseling and personnel services. An experimental workshop dealing with the processes of honesty and trust in relationships between women.

Women and Anger — 9 a.m. to 4 p.m. Saturday, July 21. A workshop to help each woman identify her own anger, explore how socialization affects ways of dealing with anger and discuss constructive ways of coping. Women with assertion training experience preferred.

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.

Craft Studio has summer offerings

Staff, faculty and their families may take advantage of ten workshops offered this summer at the MSA Craft Studio, 203 Brady Commons.

Enrollment is limited to craft studio members. Membership fees are \$2.75 for faculty and staff, \$1 for students and \$2 for students with families.

Memberships must be purchased each semester and are available at the MSA ticket window in the Memorial Union from 10 a.m.-10 p.m. Monday-Friday, 10 a.m.-5 p.m. Saturday and 2-10 p.m. Sunday.

The workshop schedule and fees are:

Ceramics — Six sessions beginning Tuesday, June 19 from 7-9 p.m. \$14.

Pot Throwing Lessons — Schedule available at ticket window. Three lessons, \$9.

Basic Woodworking — Six sessions beginning Saturday, June 24, 10 a.m.-12 p.m. \$14.

Woodcarving — Six sessions beginning Thursday, June 21, 3-5 p.m. \$14.

IQ Course (I Qualify to use power equipment) — Monday, June 18, 6:30-9:30 p.m.; Wednesday, June 20, 6:30-9:30 p.m.; Monday, July 9, 3-6 p.m.; Monday, July 16, 3-6 p.m. One session, \$5.

Four Harness Weaving — Six sessions beginning Tuesday, June 19, 7-9 p.m. \$18.

Spinning and dyeing — Six sessions beginning Monday, June 25, 7-9 p.m. \$14.

Stained Glass — Six sessions beginning Monday, June 25, 7-9 p.m. \$14.

Lost Wax Casting — Six sessions beginning Thursday, June 28, 7-9 p.m. \$14.

Silkscreen Service — Stop by studio for more information and to make an appointment.

The MSA Darkroom will also be available to member faculty and staff. Memberships cost \$2.75 for faculty and staff, \$1.50 for students and \$2 for students with families.

Darkroom hours are 3-10 p.m. Sunday-Friday and 12-7 p.m. Saturday.

A black and white photography workshop will be offered beginning Monday, June 25, 3-5 p.m.; and Tuesday, June 26, 7-9 p.m. \$12.

For more information, call the studio at 882-2889.

Black studies courses set

Four black studies courses will be offered during the UMC summer session, June 12 — Aug. 3.

ENGLISH (304), Afro-American Literature — 3 credit hours, 9:50 a.m. — 11:50 a.m. daily, 301 Arts and Science Building, taught by Walter Daniel, vice chancellor and professor of English.

HIGHER AND ADULT EDUCATION (K460), Topics in Higher and Adult Education: Women and Minorities in Higher Education — 3 credit hours, 9:40 a.m. — 10:50 a.m. daily, 109 General Classroom Building, taught by Carolyn Dorsey, assistant professor of education and coordinator of black studies.

SOCIOLOGY (301) and ECONOMICS (301), After Bakke: Affirmative Action Reassessed — 3 credit hours, 12:10 p.m. — 2:20 p.m. daily, 109 Geology Building, taught by Loretta Williams, assistant professor of sociology, and guest lecturers in UMC's Visiting Scholars program.

SOCIOLOGY (339), The Black Americans — 3 credit hours, 8:40 a.m. — 9:40 a.m. daily, 320 General Classroom Building, taught by Anna Ganaway, assistant professor of sociology at Columbia College, Columbia. Prerequisite: introductory sociology.

For more information, contact Dorsey at the Black Studies Office, 882-6229.

Women's Center announces summer programs

The UMC Women's Center will sponsor a variety of lunchbag seminars, discussions and workshops during the summer session. Free and open to the public, the sessions will be held in the center's offices on the ground floor of Gentry Hall unless otherwise specified.

The program times, dates, topics and speakers are:

Special Session for Women Employees at UMC

Noon, Thursday, June 14. An introduction to the special services and programs available to women employees of UMC through the Women's Center and the Employee Assistance Program.

Feminist Float Trip

Saturday, June 16 through Sunday, June 17. An opportunity to study feminist theory, live in a female system, and have a good time on an all-women's canoe trip. Reservations may be made by calling 882-6621 beginning June 11. Space is limited.

Fitness from a Feminist Perspective

Noon, Monday, June 18. Facilitator Louise Pietrafesa, UMC residence hall counselor, will focus on developing a fitness program tailored to each individual that emphasizes an integration of the body and mind and having fun.

"Killing Us Softly" —

Advertising's Image of Women

Noon and 7 p.m., Wednesday, June 20. The issues raised in this film include the objectification of women, the exploitation of sexuality, the tyranny of "ideal" beauty, limiting of role and career options and the glorification of violence against

women in advertisements.

Black Macho and the Myth of the Superwoman

Noon, Thursday, June 21. A discussion of the ideas presented in Michelle Wallace's book about distrust between black men and black women, "Black Macho and the Myth of the Superwoman."

Summer Solstice Celebration

7 p.m., Thursday, June 21. Marilyn Snow, high priestess for the day, will lead a night of celebration including women's music, some background on the summer solstice, and guided ritual.

Iranian Women

Noon, Monday, June 25. A panel of Iranian women, representing a variety of viewpoints, will discuss the impact of Khomeini's leadership on the status of women in Iran and their feelings about returning to the change.

Don't Mess With a Woman:

Physical and Verbal Self Defense

8:30 a.m.-noon, Tuesday, June 26, Rothwell Gymnasium. Renata Maiorino, UMC health-physical education staff member and Vicky Keith, Women's Center coordinator, will lead a demonstration and discussion of self-defense techniques and the psychological implications of being able to protect oneself against physical and verbal assault.

Women's Health Cycles

7 p.m. Wednesday, June 27. Patricia Ludeman, chiropractor, will discuss self-care and when professional assistance is needed during different stages of women's health.

Feminist Burnout

2-4 p.m., Thursday, June 28. Ann Strack,

doctoral candidate in counseling and personnel services, will focus on how individuals as feminists experience exhaustion in the fight against sexism and how they can find renewal.

Women Traveling: Alone and Together

Noon, Monday, July 2. Mary Small and Sandra Brandt will lead a panel discussion on their experiences of traveling without a man, here and abroad.

Autonomy Within Marriage

Noon, Monday, July 9. Art McArthur, associate professor of child and family development, and Thelma McArthur, masseuse with the Swedish Massage Center, will use their own marriage as a model for developing and maintaining a relationship that allows togetherness and separateness.

Divorce: With and Without A Lawyer

Noon, Wednesday, July 11. Betty Wilson, assistant dean, UMC Law School, will discuss the legal questions and procedures involved in a divorce, including the appropriateness of do-it-yourself divorces and divorces with legal counsel.

Mothers/Daughters

Noon-2 p.m., Thursday, July 12. Barbara Dew Lokitz, doctoral candidate in counseling psychology, and Marge Van Diggelen, clinical social worker, both from St. Louis, will present a model for understanding the mother/daughter relationship. From this model, a mother's life will be explored within the context of a sexist patriarchal society.

Women in Education Series, July 16-19.

Three women in education will talk about their lives, decisions they've made, things they'd do differently and rough

spots they hit in getting where they are today.

Muriel Battle, principal, West Junior High School. Noon, Monday, July 16. Biography: educator, mother, black woman, community leader.

Barbara Uehling, chancellor, UMC. Noon, Wednesday, July 18. Biography: educator, chief administrator, mother, jogger.

Anita Bond, president, St. Louis School Board. Noon, Thursday, July 19. Biography: civil rights activist, educator, mother.

Mirror, Mirror on the Wall:

Beauty in America

Noon, Monday, July 23. Charlotte Navarre, KOPN radio producer, and Debra Pursiful, KOPN crystal set feminist, will take a serious look at beauty in America, who defines it, what is done to achieve it and some consequences of the beauty-conscious culture on our minds, self images and pocketbooks.

An Evening for Returning

Women Students

7 p.m. Wednesday, July 25. A panel of women returning to school after being out three to 20 years will talk about managing a family, work and classes, being older than most students and where to go for support on campus. Consultants will be on hand to answer questions about financial aid, study skills, life management and career planning.

The Woman's Room

Noon, Thursday, July 26. A discussion and review of the best seller "The Woman's Room." For more information, call the Women's Center at 882-6621.

Calendar of Events

Academic schedule

Jun. 11: Eight-Week Summer Session Registration and Orientation.

June 11: Four-Week Summer Session I Registration and Orientation.

June 12: Eight-Week Summer Session Classwork begins 7:30 a.m.

June 12: Four-Week Summer Session I Classwork begins 7:30 a.m.

Jul. 1: School of Journalism First Summer Session ends at midnight.

Jul. 2: School of Journalism Second Summer Session Registration; classwork begin 7:40 a.m.

Jul 4: Independence Day Recess.

Jul 6: Four-Week Summer Session I closes 5 p.m.

MSA Classical Concerts Program

MSA is sponsoring six Wednesday night classical concerts this summer. The first, on June 13, will be presented at the Fine Arts Recital Hall. Beginning June 20, the concerts will be performed on the north steps of Jesse Hall. In case of rain, the programs will move to Jesse Auditorium. The concerts are free.

June 13: Eugene Levinson with Gina Levinson, recital of string bass music, 7:30 p.m., Fine Arts Recital Hall.

June 20: Columbia Civic Band, directed by Alexander Pickard, 7 p.m., Francis Quadrangle.

June 27: Brass quartet music, 7 p.m., Francis Quadrangle.

July 11: Wind ensemble music, featuring a chamber-sized band, 7 p.m., Francis Quadrangle.

July 18: Brass Band music, 7 p.m. Francis Quadrangle.

July 25: Collegium Musicum Wind Ensemble, directed by Andrew Minor, 7 p.m., Francis Quadrangle.

Films, exhibits

Jun. 11-29: Undergraduate Students Art Exhibit Monday-Friday 9 a.m.-3 p.m.; Saturday 2:30-4:30 p.m. in the Fine Arts gallery. Free and open to the public.

Jul. 1-Aug. 3: Packwood, Lambert and Ragder Art Works, Monday-Friday 9 a.m.-3 p.m.; Saturday 2:30-4:30 p.m. in the Fine Arts Gallery. Free and open to the public.

Missouri Students Association Free Summer Movies

All films will be shown in Middlebush Auditorium at 8 p.m. Doors open at 7:30 p.m.

June 10: Singin' in the Rain.



Thomas Hart Benton's "Portrait of a Musician," painted in 1949, is one of the permanent exhibits in UMC's Museum of Art and Archaeology. Museum hours are noon to 5 p.m. Tuesday through Sunday.

June 13: Deliverance.

June 17: The African Queen.

June 20: The Odd Couple.

June 24: A Man and a Woman.

June 27: Dumbo.

July 1: The Shootist.

July 8: The Last Picture Show.

July 11: Fun with Dick and Jane.

July 15: Mr. Smith Goes to Washington.

July 18: 20,000 Leagues Under the Sea.

July 22: Marathon Man.

July 25: Three features — Allegro Non Troppo, The Lone Ranger and Lost City of Gold.

July 29: The Maltese Falcon.

Aug. 1: Jeremiah Johnson.

The MSA also offers these films "for the young at heart" at University Terrace and University Village. The films are shown at dusk and are free.

June 15: Buggy Malone, University Terrace.

June 16: Buggy Malone, University Village.

June 22: The Apple Dumpling Gang, University Village.

June 23: The Apple Dumpling Gang, University Terrace.

June 29: Dr. Doolittle, University Terrace.

June 30: Dr. Doolittle, University Village.

July 6: 1776, University Village.

July 7: 1776, University Terrace.

July 13: Charlotte's Web, University Terrace.

July 14: Charlotte's Web, University Village.

July 20: Robin and Marion, University Village.

July 21: Robin and Marion, University Terrace.

July 27: Oliver, University Terrace.

July 28: Oliver, University Village.

Deadlines, other events

Jun. 17-Jul. 6: Summer Welcome '79.

Conferences, short courses

Jun. 10-15: Non-fee Conference — Ag. Bankers, Brady Commons.

Jun. 10-12: Missouri Association of School Administrators Summer Conference. Call 882-4349 for further information.

Jun. 11-15: Non-fee Conference — Examinations for Business & Insurance, Harnes Multipurpose Building. Call 882-6272 for further information.

Jun. 17-22: Baseball Camp. Call 882-4349 for further information.

Jun. 17-22: Tiger Wrestling Clinic. for further information, call 882-4349.

Jun. 17-22: Rural Development Leaders. Call 882-4349 for further information.

Jun. 21-22: The Teenage Alcoholic, Memorial Union Auditorium. Presented by UMC College of Public & Community Services & Institute of Public Safety Education.

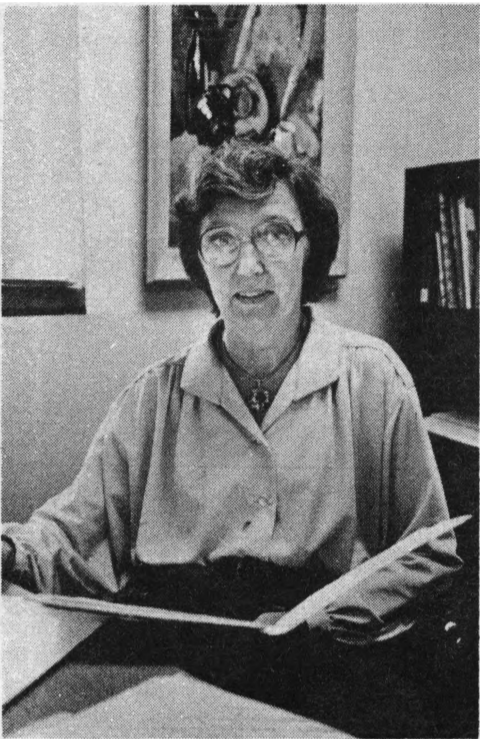
Jun. 22-27: Cross Country & Distance Running. Call 882-4349 for further information.

Jun. 25-28: Spirit Camp. Call 882-4349 for further information.

Campus People

Ruth Witt honored with Byler Award

Ruth E. Witt, assistant director of the UMC Museum of Art and Archaeology, received the 1979 Byler Administrative Award at the Chancellor's Luncheon Saturday, May 12. The \$1300 award,



Ruth Witt

funded by UMC alumnus William H. Byler, is given annually to an administrator of outstanding competence wishing to increase administrative skills.

Witt plans to use the award to attend workshops on museum management and grants administration at the Smithsonian Institution, Washington, D.C., this summer.

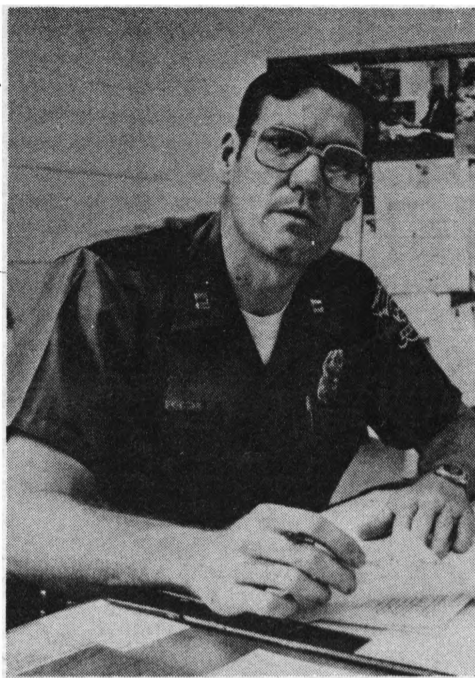
Assistant director of the museum since 1977, Witt is also the curator of the Oriental collection and editor of the museum newsletter. She holds an M.A. and a B.A. from UMC and is a member of Phi Beta Kappa.

M.S. degree awarded to UMC police captain

Earl Burry, captain of the UMC police, received his M.S. degree in criminal justice administration with an emphasis in law enforcement this spring from Central Missouri State University, Warrensburg.

A 15-year veteran of the UMC police and a captain since 1974, Burry is commander of the department operations division's first shift and co-commander of traffic control.

He holds an associate arts degree in education from Moberly Junior College, a B.S. degree in law enforcement and corrections from Northeast Missouri State University and is also a graduate of the National Traffic Management Institute.



Earl Burry

'Woman of the Year' distinction to Dains

Mary K. Dains, associate editor of the Missouri Historical Review, was named Woman of the Year of the Show-Me State Chapter of the American Business Women's Association.

The chapter selected her on the basis of

achievements in business, education, participation in the association and community activities. The chapter award makes Dains eligible for the association's 1979-80 Top Ten Business Women and the American Business Women of the Year awards. These national awards will be made at the association's national convention, Oct. 25-28 in Minneapolis, Minn.

Dains, who has worked for the State Historical Society for 15 years, was a research assistant in the editorial office of the Missouri Historical Review until 1972. She has written several articles for the publication, as well as a travel article on historic Missouri that appeared in the Journal of the West.



Mary Dains

Announcements

Vial of Life program

Time is a precious commodity in a medical emergency. The sooner treatment begins, the better the chances are for recovery.

UMC retirees will soon be able to add valuable seconds to emergency treatment through the Vial of Life, a medical emergency program sponsored by the Central Missouri Area Agency on Aging. Vial of Life is a three-inch high white plastic bottle containing health, medication and personal data that would be taped to the top right shelf of the refrigerator.

A Vial of Life decal would be displayed on the outside of the refrigerator door telling emergency rescue personnel that the person is a participant in the program. The refrigerator storage would protect the information in case of fire as well.

The UMC Retiree Advisory Committee is making arrangements for these vials to be available. Retirees should contact the Staff Benefits Office at 882-3683, 307 Hitt Street or 882-6267, 8th floor Lewis Hall for details on pickup and distribution. The vials will be available after June 10.

Project Quest

The UMC Career Planning and Placement Center is sponsoring Project Quest for the second consecutive summer.

The center still needs faculty and staff to volunteer to attend the sessions, which are held at the Mark Twain National Forest in southern Missouri. Project Quest provides incoming freshmen an opportunity to learn about the campus in an informal, wilderness setting, and for faculty and staff to get to know students and their concerns.

This year, six four-day sessions are planned and two nine-day sessions. Tentative four-day program dates are June 7-10, June 21-24, July 5-8, July 19-22, July 26-29, and Aug. 2-5. Tentative nine-day dates are July 6-15 and Aug. 3-12.

Four-day trips will include canoeing-backpacking or canoeing-rock climbing and discussions on ways to make decisions about majors and careers. Nine-day trips will include backpacking, canoeing,

orienteering, rock climbing and discussions on the transition from high school to college, choosing a major and other concerns common to entering students.

Two to four faculty and staff will spend a day and night camping with students opting for the four-day trips and four to six faculty and staff joining groups for a day and overnight stay on the nine-day trips.

Faculty and staff interested in participating in Project Quest should call 882-6803 or visit the Career Planning and Placement Center, 110 Noyes Building.

Accidental death

June is the month in which you can increase the amount of your accidental death and dismemberment policy. Changes made this month will be effective July 1. Leroy Sharp, supervisor of staff benefits, says faculty and staff can call his office at 882-3683 for update cards to be sent to campus addresses, or you can stop by the office at 307 Hitt Street.

Annuities display

Sharp also has a display of material on tax-deferred annuities in the entrance of the staff benefits office. Numerous firms have sent brochures and information on their plans. Persons interested in investing will find the comparisons helpful, although employee purchase of annuities is through the companies' agents, not the University. Stop by 307 Hitt Street between 8 a.m. and 5 p.m. weekdays.

Gym, pool hours

Brewer-Rothwell hours have been changed for the summer. The facilities, including racquetball and handball courts, weightlifting equipment and an indoor track, will be open from 6 a.m. to 9 p.m. Monday through Friday, and from 1 p.m. to 7 p.m. Saturday and Sunday. The building will be closed on holidays. The facilities are open to students, faculty and staff.

The Natatorium will be open every day from 1:30 to 4:30 p.m., and from 6:30 to 8 p.m. Monday through Friday. Faculty and Staff Swim will be held from noon to 1 p.m.

Monday through Friday.

Either the indoor or outdoor pool will be open throughout the summer, depending on the weather.

For more information, call John Wayne Anderson at 882-3621.

Summer Welcome

If in the next few weeks you see several tour groups on campus led by one or two youthful guides, it's likely they are participants in UMC's ninth annual Summer Welcome program.

A popular public relations effort that orients and informs incoming students and their parents about the Columbia campus, Summer Welcome attracted nearly 5,000 people last year for the 17 two-day sessions.

It is under the direction of the Center for Student Life and employs 32 orientation leaders selected through a rigorous screening procedure in February and March.

Orientation leaders attend a two-week training program in the first part of June and begin their duties June 17. The program will conclude July 20.

EAP program

There is still time to sign up for summer session University courses at 75 percent of the incidental fee. All teaching and research staff, and administrative, service and support staff who have completed six months service with the University are eligible.

Persons wishing to take courses under the educational assistance program should obtain UMUW Form 84-1 from their departments, and mail the completed forms to Personnel Services, 309 Hitt Street, for approval. Approved forms will be returned by mail.

By applying now, persons can avoid delay at registration.

Notary services

Leroy Sharp, supervisor of staff benefits at 307 Hitt Street, says he recently became a notary public, and he is offering his services to faculty and staff.

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