

From the Chancellor:

Throughout the years the University of Missouri-Columbia has necessarily relied upon the competent employees of its support staff for the many and varied services they provide to the teaching, research and service activities of this campus. As the University has grown so has its support staff. We recognize that this growth in size and the increasing complexity of the University community has, to our regret, reduced opportunities for regular and useful personal contacts between the members of this educational family.

In an effort to enhance communications among all employees on the Columbia campus this new publication, *Campus Columns* has been initiated with the expectation that it can provide increased information on campus matters and will serve as a means for reporting items of general interest.

Communication, however, is a two-way process. We must be better aware of the interests and concerns of all and we welcome your thoughts. We should like to have your suggestions on how this kind of publication can best be of service to you. In this way *Campus Columns* can be more successful in fostering a better understanding of the University, its people and its programs.



John W. Schwada
Chancellor

UMC's Services To Be Expanded by Complex

Diversity, flexibility and adequacy are the basic qualities which will mark the \$10.75 million Multi-Purpose Complex under construction at UMC. These qualities are expected to make the modern activity center one of the finest university facilities of its type in the country.

Outwardly the great rectangular structure of steel and concrete growing toward completion just to the east of Memorial Stadium — which it will top by some 40 feet — will be a single building. On the interior, however, it will be essentially a dual structure of unique adaptability to innumerable activities.

The major components will be the expansive 15,000-seat auditorium on the north that will be really a partly below-ground amphitheater with its central arena and surrounding oval of tiers of seats rising to the roof; and the spacious field house on the south, which provides movable bleachers for 3,000 at indoor field events.

The auditorium and field house are the basic units of a truly multi-purpose complex. Under the building's single roof will be innumerable divisions, subdivisions and sub-subdivisions, some permanent, others formed by partitioning off with retractable walls, sections of the auditorium or other areas according to need.

The dual building will house the offices and accessory facilities of the entire intercollegiate athletic department; the building administration's office; the continuing education conferences; and short course staff and activities; and a regulation size basketball court in the auditorium arena and regulation size basketball practice court on a mezzanine-type level in the field house.

Among the wide variety of events for which the auditorium has been designed are graduation exercises; basketball games; stage shows, for which a retractable stage will be provided in the arena; lectures, whose audiences so often in the past have overflowed Jesse Auditorium; continuing education lectures, seminars, conferences, and classes; orchestra and band concerts; and student assemblies of large size.

The field house has been planned to meet the needs of sports activities but its multiple uses will include such events as R.O.T.C. drill practices and competitions, marching band practice, agricultural shows, and other activities requiring a large open area. The offices and accessory facilities of the athletics department will be along the entire north end of the field house, adjacent to the auditorium; they will open into the field house, with the office windows overlooking the field house area.

Chancellor John W. Schwada has announced that A. C. Stotler, director of Memorial Union and Brady Com-

mons, has been designated administrator for the complex, completion of which is presently scheduled for early in 1971. He will retain that title until a successor is named. Previously, after joining the UMC staff in 1946, he served as assistant business manager and as assistant executive secretary to the Committee on Intercollegiate Athletics.

Still in its earlier stages of construction, the Multi-Purpose Complex already offers an impressive foreview of its final magnitude. Some of the construction statistics give a still clearer picture:

The entire building covers 4.4 acres; the total floor space on the four levels of the auditorium and three levels of the field house will total more than 7 acres. The outside overall dimensions will be 546 feet from north to south and 352 feet from east to west. The auditorium will be 320 feet from north to south and the field house, including the facilities of the athletics department, will be 224 feet from north to south. Each of the two units will be the full 352-foot width of the structure from east to west. The metal deck roof will be about 75 feet above the auditorium arena.

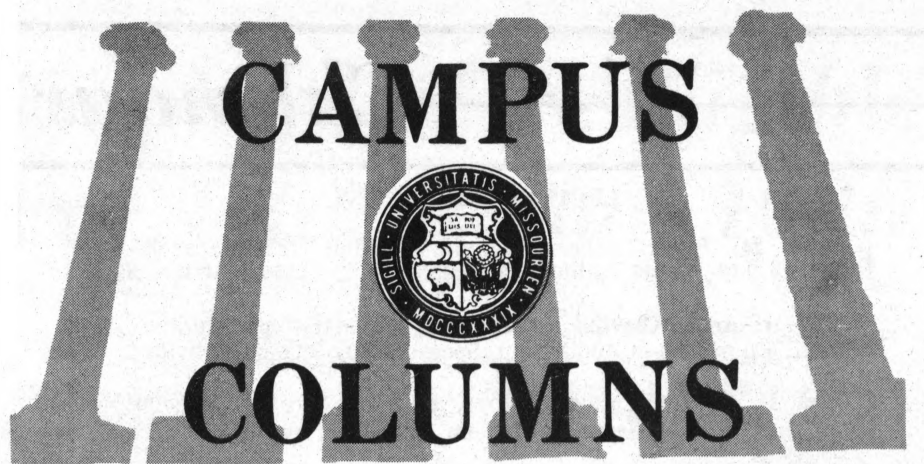
The structural strength of the complex is exemplified in the roof trusses. Those which will span the auditorium, 10 in number, are 320 feet long, 24 feet deep, and weigh 100 tons each. The 10 which will span the field house are 224 feet long, 13 feet deep.

The walls of the building will be precast concrete panels above a poured concrete foundation. Supporting the steel framework for the roof trusses and wall panels are about 400 concrete columns, 3 by 3 feet across, which are set on bedrock; the deepest goes down about 60 feet.

The auditorium area is being built on a natural depression on the site; this facilitated excavation and permits the precast concrete risers for the lower tiers of seats to be set around the sides of the excavated pit. The building will be accessible at various levels from the surrounding parking areas by way of ramps to upper levels, grade level entries, or below grade walks.

Plastic folding type theater seats will be installed in the two lowest tiers in the auditorium and in groups of seats on the topmost tier which are especially designed for partitioning into separate rooms; each corner has such a group of seats, convertible into smaller lecture

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UNIVERSITY OF MISSOURI-COLUMBIA

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September 19 1969

Testing and Counseling Helps, Advises Students

Problems, problems—everyone has them. With this in mind, UMC's Testing and Counseling Service operates daily to serve the University student and assist him with his problems.

Dr. Paul T. King, director of Testing and Counseling (T&C), and his staff work with students to make the students' lives easier and happier. Located in Parker Hall on Red Campus, T&C is not a "Headshrinker outfit;" its users are normally not "kooks" who are neurotic or insane. It is beneficial for a student to seek help. In the 1969-69 academic year, more than 8,400 interviews were conducted by T&C.

The student usually goes to T&C for assistance on one of three areas: vocational, educational and personal.

"What should I do?" "Am I in the right field?" "Will I like this when I get into business?" These are questions that frequently bother a student and make it difficult for him to concentrate on his academic work.

Counselors discuss the situation with the student and help him by presenting fresh, objective questions and by guiding his thinking to a proper perspective. The final decision is the student's, never that of the counselor. The sessions are free-wheeling and the counselor usually does not "probe into the depth's of one's mind" or psychoanalyze the student.

To gain more insight, students sometimes take tests which indicate how they might be happier and more satisfied. The scores show what the student's personal interests are, illustrate possible vocational interests and indicate how these interests compare to interests of people now working in his chosen field of study.

Educational or academic problems and study habits are often brought into the center. The transition from high school

into college is not easy, and T&C gives assistance in how to study, take notes, prepare for examinations and improve reading skills.

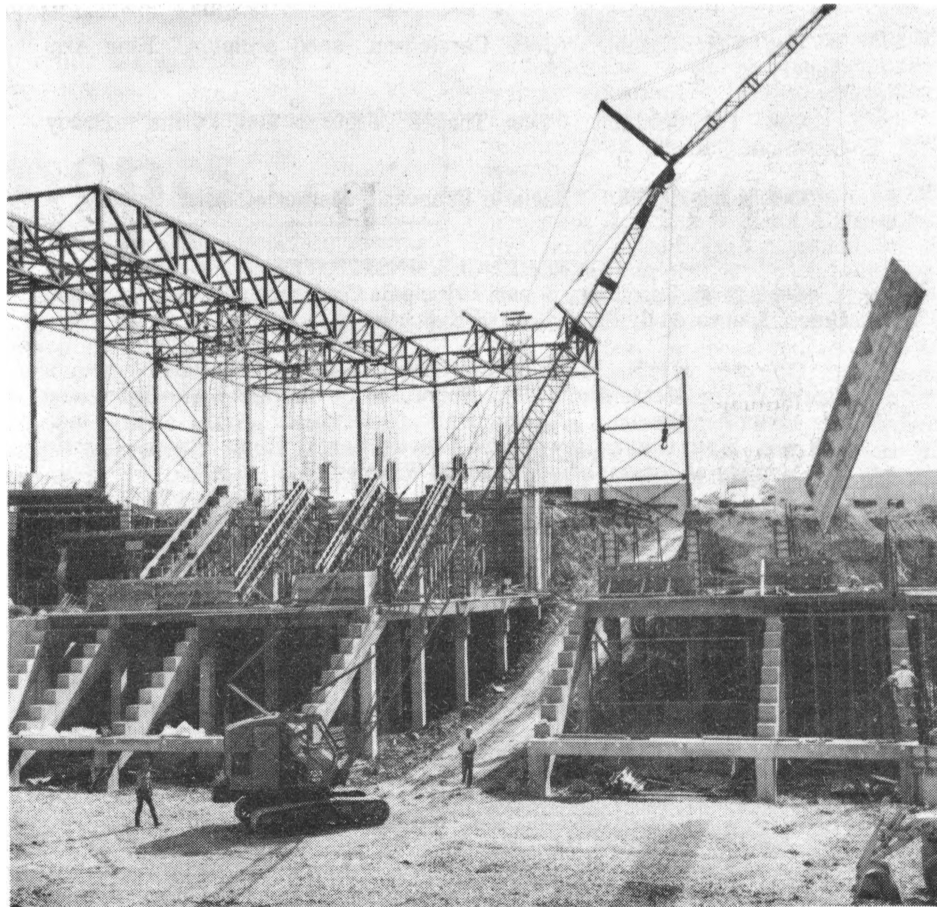
The department of mathematics and T&C are cooperating in a program for students who are having trouble in "rithmetic." A tutor from mathematics is on hand in a study room in Parker. Math students come in and briefly describe their difficulty; the tutor then directs them to one or more programmed instruction books which have been compiled by the two departments. The student works with the programmed learning course to remedy his deficiencies. Further help, if necessary, is provided by the math tutor.

Personal problems can be minor but still troublesome enough to interfere with all other aspects of one's life. Family, social, identity crises and numerous other areas can be discussed with the trained, professional staff of T&C.

Students with personal problems may also go to the Mental Health Clinic in the Student Health Center. The clinic's staff members come from both T&C and the health center.

Special counseling problems are hand-

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Construction continues on the Multi-Purpose Complex

Calendar of Events

LECTURES, SPEAKERS

Sept. 24: Robert Scheer, Ramparts editor, "Free Speech—Free Press." 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

Oct. 1: Adam Clayton Powell, Congressional Representative from Harlem. 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

Oct. 14: Reverend Malcolm Boyd, author of "Are You Running With Me, Jesus?" 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

CONCERTS, PLAYS

Sept. 24, 26, 27; Oct. 10, 11, 18: "The Waltz of the Toreadors," French sex farce. Stephens Playhouse Series. 8:15 p.m., Stephens Playhouse. Admission, \$2.

Sept. 27: The New York Rock and Roll Ensemble in concert, 8 p.m., Brewer Field House. Tickets: \$2. Bring a blanket. Sponsored by Student Activities.

Oct. 1, 3, 4, 8, 15: "Lysistara," Aristophanes' comedy of the women of Greece. Stephens Playhouse Series. 8:15 p.m., Stephens Playhouse. Admission, \$2.

Oct. 17: The Pennsylvania Ballet. Stephens Arts Series. 8:15 p.m., Stephens Assembly Hall. Tickets can be purchased from General Box Office, Stephens College.

Oct. 8 and 12: St. Louis Symphony Orchestra. Oct. 8 will feature pianist Richard Morris, associate professor, and the Missouri Statemen as soloists; 8:15 p.m., Jesse Auditorium. Oct. 12 includes a Beethoven violin concerto; 3 p.m., Jesse Auditorium. Tickets available at \$1.50 and \$2.50 at cashier's window; season tickets (\$6.75) must be purchased by Sept. 25.

FILMS, EXHIBITS

Sept. 21: Film Classic, "Harper," 6 and 8:30 p.m., Jesse Auditorium.

Sept. 27; film Classic, "Advise and Consent," 6 and 8:30 p.m., Jesse Auditorium.

Oct. 6: "Julius Caesar," 7:30 p.m., Jesse Auditorium.

Oct. 7: Foreign Film, "Rules of the Game," French, 7:30 p.m., Arts and Science Auditorium.

Oct. 10: Foreign Film, "Jules and Jim," French, 7:30 p.m., Arts and Science Auditorium.

Oct. 12: Film Classic, "Wait Until Dark," 6:30 and 8:30 p.m., Jesse Auditorium.

Oct. 15: Foreign Film, "L'Avventura," Italian, 7:30 p.m., Arts and Science Auditorium.

Oct. 17: Foreign Film, "Rashomon," Japanese, 7:30 p.m., Arts and Science Auditorium.

Oct. 19: Film Classic, "East of Eden," 6 & 8:30 p.m., Jesse Auditorium.

to Sept. 30: Exhibit: "Scrolls of Yoshitoshi Mori," Memorial Union Gallery.

to Sept. 30: Exhibit: "Churches and Cathedrals of Medieval France," Brady Commons Gallery.

Oct. 1-31: Exhibit: "Cecil Carstenson, wood sculptor," Fine Arts Gallery.

Oct. 1-31: Exhibit: "Don Thayer: Figures and Forms," Brady Commons Gallery.

Oct. 3-31: Exhibit: "Hayette Frances," Memorial Union Gallery.

CONFERENCES, INSTITUTES

Sept. 28-30: Secondary School Principals Conference, 7 p.m., Memorial Union. Sponsored by the College of Education.

Oct. 2-3: L.P.N. Seminar on Nursing Care of the Patient with a Stroke, 8 a.m., Jesse Auditorium. Sponsored by the School of Nursing and the Extension Division. Among UMC participants: Kathy Cain, Linda DeLand, Walt Gault, Ray Hogue, Jayne Lewis, Ruby Potter, Charles Sanders, Carol Shrumph and Maudene Wheeler.

Oct. 9-10: Remedial Reading Conference, 8 a.m., Memorial Union.

Oct. 10-11: M. D. Days, sponsored by the School of Medicine.

Oct. 13-14: Missouri ASCD Conference, 8 a.m., Memorial Union.

Oct. 15-17: Casework Supervisors Conference, 1 p.m., Memorial Union.

Oct. 19-21: Community Development Society Conference, 5 p.m., Memorial Union.

COURSES, WORKSHOPS

Sept. 22, 29, Oct. 6, 20: Orientation for New Employees, Sept. 22 and Oct. 6: 2 p.m., Conference Room, 7th floor, Lewis Hall. Sept. 29: 2 p.m., S16, Memorial Union. Oct. 20: 2 p.m., S204, Memorial Union. All new employees should attend one session. Sponsored by Personnel Office.

Sept. 24 and 25: Rapid Reading Short Course, sections I and II, 7 p.m., 1 Hill Hall. Sponsored by Testing and Counseling Service.

Oct. 6: Basic Supervision course begins. Sponsored by Personnel Office.

Oct. 17 and 24: Office Procedure Sessions, 2:45 to 5 p.m. For clerical people; service departments explain their services and paperwork. Registration through your dean or director. Contact Dean Baxter, assistant manager of employee training, 449-8311, for more information.

Oct. 9-10: Annual truck fleet seminar: Organizing and managing a company trucking operation. Sponsored by the Extension Division and the department of agricultural economics.

SPORTS

VARSITY FOOTBALL

Sept. 20 — Air Force here
 Sept. 27 — Illinois at St. Louis
 Oct. 4 — Michigan at Ann Arbor
 Oct. 11 — Nebraska here
 Oct. 18 — Oklahoma State here
 Oct. 25 — Colorado at Boulder
 Nov. 1 — Kansas State here (Homecoming)
 Nov. 8 — Oklahoma here
 Nov. 15 — Iowa State at Ames
 Nov. 22 — Kansas at Lawrence

FOOTBALL FLASHBACKS

To be shown at 7:30 p.m. on dates indicated, in Jesse Auditorium. No admission charge. Sponsored by Student Activities.

Sept. 30: Illinois
 Oct. 9: Michigan
 Oct. 28: Colorado
 Nov. 18: Iowa State
 Nov. 25: Kansas

FRESHMAN FOOTBALL

Oct. 10 — Nebraska here
 Oct. 24 — Kansas at Lawrence
 Oct. 31 — Kansas State here
 Nov. 14 — Iowa State at Ames

THREE-MILE TEAM

(CROSS-COUNTRY)

Home meets:
 Oct. 4 — University of Illinois
 Oct. 11 — University of Nebraska
 Oct. 25 — Kansas State University



Rocking Back to Bach . . .

The New York Rock and Roll Ensemble, to perform at 8 p.m., Saturday, Sept. 27, in Brewer Fieldhouse, is a music group which plays both rock 'n roll and classical music—and mixes them. Referred to by some critics as the best of the "Bach-rock" groups, the Ensemble combines the electric organ with the oboe to obtain a new fresh "Classical Gas" sound. The concert is sponsored by Student Activities. Tickets are \$2; on sale at Memorial Union ticket office.



New Mall Buildings

The New Mathematical Sciences building, foreground, which was used for the first time during the 1969 summer session, and the new Social Sciences classroom building; now under construction, are shown on the mall near Brady Commons. The Mathematical Sciences building houses the mathematics, computer science and statistics department, as well as the computer center. The Social Sciences building is scheduled to be completed in 1970.

Board of Curators Highlights

(Editor's Note: Since many University employees were on vacation at the time of the August Board of Curators meeting, the highlights of that meeting are being run at this time.)

Highlights of actions taken by the Board of Curators at its meeting Aug. 1 in Columbia:

- Approved the promotion of Dr. Warren P. Sights, Jr., from associate director to director of operations for the Missouri Regional Medical Programs.
- Approved award of three construction contracts totaling \$2,165,101 for building a new Education Building at UMKC.
- Approved a revised schedule of parking fees at UMSL.
- Approved the appointment of Dr. E. Grey Dimond as fulltime consultant for Health Sciences to Chancellor James C. Olson at UMKC.
- Approved the award of three construction contracts totaling \$250,055 for work on the intensive care unit at the UMC Medical Center.
- Approved a provision of the Federal Guaranteed Student Loan Program whereby the University can lend money to students in need, with the federal government paying all interest charges until nine months after the individual has ceased to be enrolled in the Uni-

versity.

- Gave preliminary approval for the submission to the North Central Assn. of Colleges and Secondary Schools of two doctoral and two master's degree programs on the St. Louis campus. The earliest date for accepting students is the fall of 1970, and then only if resources are made available. The doctoral programs are in psychology and chemistry and the master's programs in English and mathematics.
- Authorized the University administration to accept \$200,000 in gift funds to be used for the continued planning toward a medical school at UMKC.
- Approved an Educational Assistance program for fulltime employees of the University, with employees being permitted to take up to six credit hours per semester at a reduced rate of incidental fees.

CAMPUS COLUMNS

Campus Columns is published monthly except August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least a week prior to publication. Office: 449-9311. Editor: Kay Mariea

Employees Are Eligible For Educational Help

An Educational Assistance program for full-time permanent employees of the University has been approved by the Board of Curators effective Sept. 1.

Purpose of the program is to encourage University employees to upgrade their knowledge and skills and thereby become more efficient and valuable in their work.

Under the program, full-time permanent academic and non-academic employees may register for not more than six credit hours per semester and be permitted to receive credit for those courses.

The employee will pay 25 per cent of the student incidental fee and the normal amount of all other fees. No incidental fee will be charged if the employee only audits the courses on his own or at the request of the department head.

Employees will be required to file an application to enroll with the registrar and meet student admission requirements and have approval of their dean or department head.

Supervisors Course To Open

Registration is now open for the University's Basic Supervision course offered for full-time non-academic supervisory personnel. The next session will begin Oct. 6 and run until Nov. 19.

This 40-hour how-to course discusses basic supervisory skills such as work assignments, counseling and communication. It is designed to be taken prior to the Business and Public Administration courses in management development. Course instructors will be Donald Zick, manager of employee training, and Dean Baxter, assistant to Zick.

Registration for this course should be made to the training section personnel, 810 Lewis Hall, 449-8311, through deans, directors or department chairmen. All registrations should include name, title, department and University mailing address of employee to attend. Since each session is limited to 20 participants, early registration is recommended, Zick says.

Four other sessions of this course will be held during the academic year. These will begin Dec. 1, Feb. 2, April 6 and in June. The Dec. 1 course is limited to employees with the title of administrative assistant, assistant to, manager, superintendent, assistant director or an equivalent.

Certificates are awarded at the last class session.

Academic employees desiring to enroll must submit to the dean of the school or division where they work a request form approved by the department chairman, indicating the courses to be taken.

The request forms for both academic and non-academic employees are available at the Personnel Office, 8th floor Lewis Hall.

Non-academic employees must have completed a six-month period of continuous employment before registering. However, if the course work is part of required job training procedure, the employment requirement may be waived.

Unless the non-academic employee is required by his department head to enroll in a course, the employee either must attend classes outside scheduled working hours, make up time away from work, take an adjustment in pay or deduct the time away from work from vacation time.

If the course is required by the department head, however, time away from work by non-academic employees to attend classes shall be considered as part of the regular work schedule.

Non-academic employees wanting to enroll must submit to the campus personnel officer a request (Form UMUW 84-1) approved by the department head, dean or director. The request must indicate courses to be taken, their purpose and how the time is to be adjusted.

Extension to Continue Night Class Schedule

Further expanding its primary mission—teaching—UMC will offer its evening class program again this fall on an expanded basis. The new Educational Assistance program for University employees will apply to these courses.

The evening classes are taught by UMC's resident faculty and count as resident academic credit. Seventeen undergraduate classes, designed for students not regularly enrolled at UMC, will be offered through University Extension Division.

Impetus for the evening class program was received in the form of requests from area residents who wished to earn college credit but worked during the day and could not otherwise attend regular classes.

This fall, courses are being offered in the areas of accounting, computer science, government, history, economics, English, psychology, library science, mathematics, marketing, sociology and speech.

Classes meet once each week for 16 weeks for three hours credit. Classes for five hours credit are scheduled for a second meeting or other special arrangements are made to meet the required class hours.

Registration for these courses can be completed at the first class sessions, Sept. 18, 22, 23 or 24. Students enrolling after the first class session must pay a late registration fee. Dates and locations of courses can be obtained at 203 Whitten Hall. University employees are urged to fill out the necessary Educational Assistance form prior to registration.

Students not previously admitted to UMC must satisfy regular admission requirements. Graduates from an accredited high school should request that a transcript of their high school record be forwarded to the Admissions Office.

Several other courses mainly on the graduate level are offered through the University. These are listed in the back of the 1969-70 Fall Schedule of Courses. Students must satisfy regular University admission requirements and prerequisites to be eligible for these courses. A \$25 fee will be charged for late registration.

Retirements

The following 11 people have retired or will retire between July 1 and Oct. 1, 1969, with a total of 256 years service rendered to the University.

Kathleen Turner, secretary to the director of the Student Health Service, is retiring Oct. 1, after 46 years with the University. Kathleen was first hired as a bookkeeper at the Medical Center. She spent 17 years in that position before joining the Student Health Service as a secretary-stenographer for five years. She was then promoted to secretary to the director and has held that position for 24 years.

Lorene Burton, secretary-stenographer in the agronomy department, retired Aug. 1, after 43 years with the University. She has held the same position throughout her employment.

Grace W. Gentry has held the position of secretary-stenographer in the dairy husbandry department for 38 years. She retired from her responsibilities July 1.

Ray Thornton, laboratory mechanic in the civil engineering department, retired July 1 after 37½ years of service. Ray was first hired as a watchman, a position he held for seven years. He then spent

two years as a janitor before assuming his present position, which he has held for 28½ years.

Mabel S. Riley has rendered 21½ years' service to the University working in the food service division of the housing department. She retired July 1.

Jasper Lee Brown has held the position of storekeeper in the chemistry department. He retired July 1 after 13 years with the University.

Charles E. Daniel retired Sept. 1 after 13 years of service to the University as a janitor.

William McClanahan retired July 1 after 12 years with the University. He held the position of janitor at the Student Health Clinic.

Bertha Morris, linen attendant at the Medical Center, has been with the University for 12 years. She retired July 1.

Anna Beth Wayland retired Sept. 1. She has been with the University for 12 years, working for the housing department as a desk attendant.

Guy R. Lloyd retired Sept. 1 after eight years with the University as a janitor.

Bloomfield Named Grad School Dean

The Board of Curators has approved the appointment of Dr. Richard Bloomfield, professor of agricultural chemistry, as associate dean of the Graduate School. Dean Bloomfield will also serve as associate director of research administration. He will have responsibility for graduate programs in the biological sciences as well as his functions in research administration.

Dr. Bloomfield, former chairman of the department of agricultural chemistry, replaces Professor Melvin D. George of the department of mathematics. He will join Deans John Murdock, John Bauman and Andrew Minor in building and strengthening the graduate program and research performance of the campus.

Dean Murdock in commenting upon the appointment noted that Dean Bloomfield brings exceptional capabilities and experience to the Graduate School — "I feel the Graduate Office has been most fortunate that Dean Bloomfield has agreed to undertake this demanding and important role on the campus."

Murdock also said he wished publicly to acknowledge the great contributions made by Dr. Melvin George to the graduate and research programs of the campus while serving in the Graduate Office.

Dr. Bloomfield was born in Sikeston, Mo. He attended Southeast Missouri State at Cape Girardeau for two years before transferring to UMC in 1952 where he received his B.S. in 1954. After two years in the Army Chemical Corps he returned to the University where he earned the M.S. degree in 1958 and the Ph.D. in 1960. He lists 62 scientific research publications and last spring received the Gamma Sigma Delta award of Merit in recognition of superior teaching achievement.



RICHARD BLOOMFIELD

Reminder:

All information cards for the Office and Telephone Directory should be returned to Editor, 206S Technical Services, by Wednesday, Sept. 24. Cards were sent to deans, directors and other administrators early this month for distribution, and must be filled out and returned by Wednesday for inclusion in the directory.

Director Appointed For Research Park

Dr. Robert C. Culpepper, assistant professor of Accountancy, has been appointed assistant director of research administration and director of Research Park. He replaces Dr. Robert G. Cook who becomes chairman of the department of business management.

Dr. Culpepper's duties will include working with the deans of the Graduate School in the preparation of institutional grant proposals and other aspects of research administration. In addition he will be responsible for the orderly development of the research park.



WARREN SEYMOUR



A. C. STOTLER

Dr. Warren R. Seymour Is Extra Division Dean

Dr. Warren R. Seymour has been appointed acting dean of extra divisional administration, Chancellor John W. Schwada has announced.

Dean Seymour succeeds Dean Robert Callis, who asked to be relieved of administrative duties to return to the academic field as professor of education.

Dean Seymour, member of the UMC faculty for three years, will be the dear supervising the Testing and Counseling Service, Student Health Service, Student Financial Aids, Admissions and Registrar, Dean of Students, Housing, and Student Union and Commons, as well as the three ROTC departments and Marching Mizzou.

From many standpoints, however, Dean Seymour recognizes as possibly more important the keeping open of channels of communication between students and the administration and the maintenance of a high level student service. He has met several times with James Heeter, UMC student body president, and will work closely with him.

Dr. Seymour has degrees from Mansfield (Penn.) State, Syracuse University, and took his doctorate in counseling psychology at UMC in 1965. In 1965-66,

he was assistant professor of education at Syracuse University. He became an associate professor of education and assistant dean in 1966.

He is associate editor of the Journal of College Student Personnel and is on the executive council of the Assn. of Naval ROTC Colleges. He holds membership in the American Psychological Assn., the American Personnel and Guidance Assn., the American College Personnel Assn., Assn. for Counselor Education and Supervision, and Assn. for Measurement and Evaluation in Guidance.

Dr. Seymour and his wife, the former Ann Stanfield, of Mehlville, and their daughter, Karen, 1, reside at 202 Manor Drive.

Dean Seymour has selected Donald Donato, who is studying toward a doctorate in counseling and student personnel service, as his assistant. Donato attended the National Defense Educational Act Institute at UMC last year, representing the State University of New York Technical College at Delhi, where he was director of admissions. Donato lives at 2700 W. Broadway with his wife and four daughters.

T & C Is a Student Helper

(Continued from Page 1)

ed in Testing and Counseling, often in cooperation with another department on campus.

The department of athletics and T&C staff work together with athletes and their special problems, including frequent road trips interfering with studies and classroom pressures combined with those of the playing field.

International students sometimes run into difficulty because of adjustment to a new land, a hostile climate, a confusing language and the rigors of college life. These students have a special adviser in T&C and one in the Office of the Dean of Students in Read Hall.

UMC is a regional center in a program for handicapped students. Approximately 70 students in this category are currently enrolled on campus. Giving them assistance, yet stressing independence, is another role of the Testing and Counseling Service.

The office often acts as liaison to the campus administration in having buildings adapted for handicapped students. T&C helps arrange transportation in modified buses. Special class schedules and times for exams are coordinated with the student and academic departments.

In cooperation with the academic departments, T&C administers and scores examinations—particularly for advanced credit in certain courses.

The Missouri Colleges Testing Program is administered by T&C. Missouri high school seniors are pre-tested before

they enroll in colleges and universities in the state.

Also, personal, psychological and vocational tests are given by T&C, largely in support of its counseling program and upon request of other offices on campus. Personal assistants, older students that work in the residence halls take a series of tests through T&C. The results of these and other examinations can be interpreted by a counselor with the student if the student so desires.

Dr. Robert H. Dolliver counseling psychologist and associate professor of psychology in T&C, says that "People frequently place too much faith in tests and expect too much of them. The test results seldom are the answers, only indications of what the answers might be. They are not hardline rulemakers."

Dolliver also says that "T&C is not merely a testing center. Most people on campus think of us in connection with examinations of various kinds. We use tests to support our own counseling and assist other departments by conducting tests for them."

Although the services of T&C are primarily designed for the student, the facilities and staff are available to the citizens of Missouri on a limited basis.

Staffed jointly by the College of Education and the department of psychology, the center has an internship program for graduate students in both areas working on advanced degrees in counseling. The interns receive close supervision and assistance from the staff's senior members.

Complex To Be Finished January, '71

(Continued from Page 1)

rooms seating 450 persons each. The third highest tier and the other seats on the topmost tier will be provided with bleacher type seats.

The theater type seats will total 7,800, the bleacher type 7,200.

The floor of the field house will be at grade level, which is basically two levels above the floor of the auditorium arena. It will thereby be on the level of the main concourse of the auditorium; the main concourse will be level with the aisle between the second and third tier of seats, and essentially similar to the first floor foyer of a theater.

The office suite of the building administrator will be at the main concourse level, where the ticket office also will be. Concessions, lounges and rest rooms, and various accessory facilities will be on the main concourse, under the auditorium seats.

Continuing education and conferences and short courses will be housed mostly on the upper concourse, at the southeast part of the auditorium. Its facilities will include offices for the director and his staff, the use for conferences and other meetings of the auditorium seating area that will be convertible into rooms, smaller rooms for smaller groups, committee or staff meetings, and exhibit, registration and related areas.

The transfer of continuing education and conferences and short courses to the Multi-Purpose Complex will centralize its activities, relieve load on the Memorial Union, where conferences and short courses are presently being held. The new facilities will be physically separated from other offices and activities in the building, to provide freedom from disturbances.

The athletics department offices also will be on the level of the upper concourse; directly below them will be the locker, equipment, storage, shower and other accessory rooms. The athletic offices will be a complete facility, with space for athletic director and assistant, coaches, tickets, publicity, other staff, a library and academic coaching. The new quarters will make Rothwell Gymnasium and Brewer Field House facilities entirely available to physical education.

Following are a few of the numerous additional features of the complex:

The stage in the auditorium will be about 35 by 50 feet in maximum size, will be retractable under seats by way of a removable area of seats and will be extendable into the arena in several sizes.

Suspended acoustic ceiling will be installed in the office areas, the athletic trainer's area and over the lecture rooms of continuing education.

The auditorium seating area will be supported by drilled piers of piling to rock.

The portable partitions that will enable various areas to be divided and subdivided in the most desirable way for immediate needs will fold out of sight into spaces provided for them.

The auditorium will be lighted by high bay lighting fixtures; the offices by recessed fluorescent lighting fixtures; and the stage by special lighting.

Committee on Ethnic Groups Established on Campus

A committee to give rational consideration to special needs and interests of ethnic minorities has been established here.

Chancellor Schwada said that the faculty-student committee will lead to centralizing concern that has existed on campus for several years and provide a channel for communication with the administration.

Report OK'd On Handling MU Students

The Educational Advisory Committee has approved a report of the Ad Hoc Committee on Coordination of Student Affairs which recommends certain changes in the manner in which student affairs are coordinated through the University.

The Committee recommended that matters pertaining to student affairs be divided. One group would be handled in the office of the vice president for academic affairs and would depend upon the coordination and cooperation with registrars and deans of faculties from the four campuses.

The group working through Academic Affairs would deal with the following concerns:

- Academic and Vocational Counseling.
- Transfer of credit from high schools and junior colleges.
- Registration and academic records.
- Intercampus transfer of students.
- Testing for admission and advanced standing credit.

The other group would be a new Committee on Student Affairs which would be composed of three persons from each campus, with the vice president for administration also sitting with the group. This committee would provide advice to the President on all areas related to student affairs, with special concern for the following:

- Financial aids.
- Student organizations.
- Student conduct.
- Student housing.
- Student health.
- Student counseling.
- Student center.
- Student publications.
- The problems of foreign students.
- Other student activities.

Under the organization recommended, Dr. A. G. Unklesbay, vice president for administration for the University, would administer areas pertaining to the school calendars and high school relations.

Chairman of the ad hoc committee was Dr. James C. Olson, chancellor, UMKC. Members were Dr. Unklesbay; Jackson A. Wright, general counsel for the University; Dr. Vernon E. Wilson, vice president for academic affairs for the University; and Dr. Merl Baker, chancellor, UMR.

Columns' Story Told in Booklet

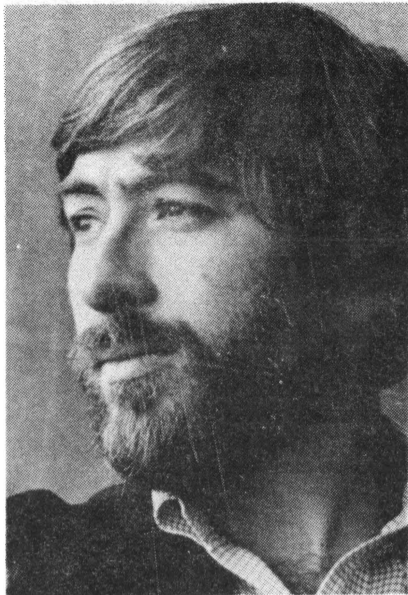
The history and traditions of the six Columns that stand in the middle of Francis Quadrangle is the subject of an eight-page brochure, "Reflections on the Columns," recently published by the University.

The booklet covers the history of the Columns from the building of the original Academic Hall in 1840 to present. Academic Hall was destroyed in a fire in 1892; when the ruins were cleared away, the Columns that had supported the north portico were left standing and have become a major symbol of the University. The booklet also covers many of the traditions and legends that have grown up around the Columns.

Pictures of Academic Hall, the fire and ruins, many of which were supplied by the State Historical Society of Missouri, as well as pictures of the Columns today, accompany and enliven the history.

"Reflections on the Columns," is part of the UMC Bulletin series and an updated version of a similar Bulletin last published in 1949.

Deans and department chairmen can obtain copies of the booklet by contacting the Office of Public Information, 223 Jesse, 449-9311.



Scheer To Speak

Robert Scheer, editor-in-chief of Ramparts Magazine, will speak on "Free Speech-Free Press" at 8 p.m.; Wednesday, Sept. 24 in Jesse Auditorium. Scheer received his BA in economics and political science from City College of New York; then attended Syracuse University for a year. He took two more years of graduate study at the University of California-Berkeley; then taught American government at City College of New York. He has been with Ramparts, a liberal magazine; for four years and has written books on Vietnam; Cuba and Eldridge Cleaver. The speech is sponsored by Student Activities and admission is free.

Downing Named Acting Director B&PA Research

The appointment of Dr. Rondal G. Downing, professor of political science and faculty research professor, as acting director of the Business and Public Administration Research Center has been announced by Chancellor John W. Schwada.

Dr. Downing will take over a position held for the past ten years by Dr. Robert W. Paterson, professor of economics and faculty research professor, who organized the Center as the first formal interdisciplinary research center at UMC in the areas of business and governmental affairs. In addition to Dr. Downing's academic title, he has been program director for public affairs in the Center since 1964.

Dean Pinkney Walker of the School of Business and Public Administration said Dr. Paterson asked to be relieved of the directorship in order to return to full-time teaching and research. Already author of numerous articles, monographs and books, Dr. Paterson is presently preparing another book on economics.

A member of the UMC faculty since 1961, Dr. Downing came here from the University of Illinois, where he was a visiting research associate; he previously had been with the University of Florida from 1958. He holds his doctoral and his master's degrees from the University of Illinois, where he was a Babcock Fellow and a University Fellow. He received his bachelor's degree from Southwest Missouri State College.

During Dr. Paterson's tenure as director, the Center has grown to represent one of the major university research agencies in the nation.

Personnel to Move

Columbia Campus Personnel Service Office will move to a new location in early October. The address of the new location will be 307 and 309 Hitt St. An announcement will be made when a specific date is determined.

Graduate School

NASA PROPOSALS — NASA has announced an Oct. 20 deadline for proposals for investigations to be performed on the 1973 Viking mission to Mars. Investigations of highest priority are: Visual characterization of a landing site; determination of atmospheric composition, the amount of water in surface materials, and the surface temperature; search for organic compounds and living organisms; visual imaging; surface temperature mapping and mapping of water abundance.

Oct. 21 is the deadline for those wishing to submit proposals for scientific investigations to be performed on the lunar surface during the Apollo 16 through 20 missions, NASA has announced.

Proposals for experiments of a unique but simple nature, with modest hardware, will be considered for flights earlier than Apollo 16, and significant experiments within the development time of the anticipated flights subsequent to Apollo 20 will be considered for support.

Persons desiring additional information or proposal forms should contact Dr. Richard J. Allenby, assistant director, Lunar Science, Apollo Lunar Exploration Office, (Code MAL), NASA Headquarters, Washington, D. C. 20546

NATIONAL INSTITUTES OF MENTAL HEALTH PROGRAMS — Support of Behavioral Sciences — The NIMH has supported research and training in the behavioral sciences for many years, and now is planning to strengthen this effort. NIMH is planning expanded support of programs in the social and cultural factors influencing behavior, as well as more research on such "basic" processes as thinking, perception, learning, memory, motivation and language.

Applications should be submitted on PHS form 398. Deadlines are: Jan. 1, June 1 and Oct. 1.

OFFICE OF EDUCATION PROGRAMS — Basic Research in education proposals. Due Oct. 4 and Jan. 17, 1970.

Proposals are invited from persons in such fields as history, political science, life sciences, information science, anthropology, economics, linguistics and philosophy, as well as education, psychology and sociology, to conduct research on the biological, intellectual, emotional and social functioning of individuals and groups and the nature of, and relationship among, the social systems within which people function.

Guidelines may be obtained from the Graduate Office for Research or Research Analysis and Allocation Staff, Bureau of Research, U. S. Office of Education, 400 Maryland Ave., S. W., Washington, D. C. 20202.

SCIENCE POLICY PLANNING PROGRAM — A program to help develop science policy and planning at the state and local levels of government has been established by the National Science Foundation.

Activities in a project must involve a problem of interest to state and local governments and may include studies to help develop state policies and programs for state and local governments, and

Dr. Garloff Named To Med Center Post

Dr. David A. Garloff has been appointed director of the Medical Educational Services unit at the UMC Medical Center. This unit includes medical audiovisual, illustration, photography and television services. It is a section of the recently formed educational resources group headed by Dr. Donald A. Senhauser, professor of pathology.

Dr. Garloff will hold a second appointment as assistant professor of education in the College of Education. He joined the University faculty Sept. 1.

Having received a doctorate in education from Indiana University, Dr. Garloff has been in charge of the audiovisual laboratory at the School of Education there.

conferences and seminars at the state regional and national levels.

The NSF will award grants to units of state and local governments and colleges and universities for science policy planning projects, but priority will be given to proposals from academic institutions in association with a unit of the government, and no matching funds are required.

Proposals may be submitted at any time to the State and Local Intergovernmental Science Policy Planning Program, Office of Planning and Policy Studies, National Science Foundation, Washington, D. C. 20550.

METROPOLITAN WATER RESOURCES — A national program of research on improving water resources management in metropolitan areas will be established by the Office of Water Resources Research, Department of the Interior. Assistant Secretary for Water Quality and Research Carl T. Klein is supervising the program.

NATIONAL ASSN. OF BROADCASTERS — The National Assn. of Broadcasters has opened its 1970 program of research grants for academic personnel. Individual grants provide up to \$1,000 for research into the social, cultural, political and economic aspects of American commercial broadcasting, particularly radio. The deadline for application is Dec. 1. Forms can be obtained from John Dimpling, Jr., vice president for research, National Assn. of Broadcasters, 1771 N. Street, N.W., Washington, D. C. 20036.

OFFICE OF EDUCATION PROGRAMS — Teacher Training — Guidelines for preparing institutional proposals to provide elementary and secondary school teachers and other educators with advanced training in basic studies have been issued by the Office of Education's Bureau of Educational Personnel Development.

Training in the basic subjects, which include English, foreign languages, math, science, arts and humanities, social studies, speech, etc., may be supported by institutes or fellowships. Emphasis is on training of elementary and junior high school teachers.

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 800 Lewis Hall, 705 S. 5th St., 449-8168, or Room W-141, Medical Center, 442-5111 ext. 665. The following are representative of available openings:

- Accounting Clerk
- Animal Caretaker
- Clerk-Typist
- Custodian — night work
- Draftsman
- Food Service Attendants
- Food Service Supervisor
- Foreman, Tin and Roofing
- Housekeeping Supervisor
- Janitors
- Keypunch Operators — with experience.
- Laboratory Technician
- Secretary-Stenographer — with shorthand
- Senior Research Technician
- Stenographer — with excellent typing skills

Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.

A Nursing Technician Training Class begins Sept. 29. If you are interested in this program, call the Medical Center, 442-5111 ext. 665.



SHOWN WITH THE TROPHIES won during a highly successful summer season is the Traffic Safety Department's pistol team. Pictured here; left to right; are: Patrolman William Dunlap; Investigator Philip Miller; Administrative Assistant Franklin Brown and Patrolman Charles Thomas. The team has placed first in two of four Mid-Missouri Police Pistol League matches.

Takes First Twice

Police Pistol Team Has Winning Ways

Sports enjoyed a banner year at UMC in 1968-69 but few people are aware that this winning tradition continued this summer while most students were away.

The traffic safety and security department's pistol team is finishing a very successful summer season in Mid-Missouri Police Pistol League meets and in other contests around the state. The team is composed of Administrative Assistant Franklin Brown, Investigator Philip Miller, Patrolman Charles Thomas and Patrolman William Dunlap.

This group has placed first in two Mid-Missouri Police Pistol League meets and took third in the Class "B" Division of the Florissant, Mo., Police Department's Fourth Annual Combat Pistol Match. They have also recorded second and third place finishes in two other Mid-Missouri League meets.

The two-year-old Mid-Missouri League consists of city and county police and sheriff's departments and highway patrol units in the Mid-Missouri area. Four league matches were held this summer—three at Troop F Highway Patrol Headquarters in Jefferson City and one on the Police Combat Course in Columbia. The Jefferson City meets were fired on a "Camp Perry" type course which uses bulls-eye targets. Shooters fire 30 shots at a time in a series of slow, timed and rapid-fire maneuvers.

The Florissant match and the league match in Columbia were fired over police combat courses. This type of course requires firing and reloading in times stages from a variety of positions and distances. One match remains on the team's regular schedule—the St. Louis County Police Department's Combat Match, Sept. 21.

Individuals on the Traffic Safety team have performed well this summer. Brown has a first and third place individual finishes to his credit in Mid-Missouri League matches and finished fourth in Class "A" individual competition at Florissant. Thomas has third and fourth place individual finishes and Dunlap a fourth place finish in Mid-Missouri League matches. Miller took third in Class "B" individual competition at Florissant.

"The pistol team competition helps stimulate firearms training among officers," says Brown. "We all learn something at every match as well as have fun."

"The toughest competition comes in St. Louis because the St. Louis area competitors are often firearms instructors and spend a lot of time on the ranges. We're improving and looking forward to really giving them a run for their money when we go down there."

T2, T3, Part of History Of Missouri University

It all started with the announcement of peace in 1945. World War II veterans streamed home and onto American college campuses to pick up their education where they'd left off before going to war. Enrollment at UMC, as at other schools, almost doubled in one year's time.

In order to meet this sudden increase in enrollment, the University turned to multiple use of temporary buildings for classrooms, laboratories and living quarters. Two such buildings, temporary buildings 2 and 3, were set up in 1947 just south of Jesse Hall. Last month, the last occupants of the buildings were moved to another campus location and the buildings were razed.

According to John Epple, Columbia construction man involved in the post-war temporary building project, these two buildings were originally part of a military airport near Vichy, Mo. When the Federal Works Administration donated them to the University, they were cut into sections, brought to Columbia and reassembled.

Other buildings were brought in from Vichy, Ft. Leonard Wood, Camp Crowder and other spots around the state. They were reconstructed on white campus, by the Medical Center and at the present sites of the Dobbs group and Bingham group dormitories. In all, more than 300 temporary buildings were constructed.

T2 and T3, as they were called, were immediately put to use. Part of T2 was originally used for classrooms and an art workshop, while T3 was used for office space. Whenever office space became available elsewhere on campus, someone moved out, but there was always someone else waiting to move in.

Among the groups who used the buildings were the Veterans Administration, Office of Public Information, Publications, University Press, Civil Defense and Fireman's Training. The most recent occupant of both buildings was the Research Center in Social Behavior.

Employees who worked in T2 and T3 have varied memories of their experience.

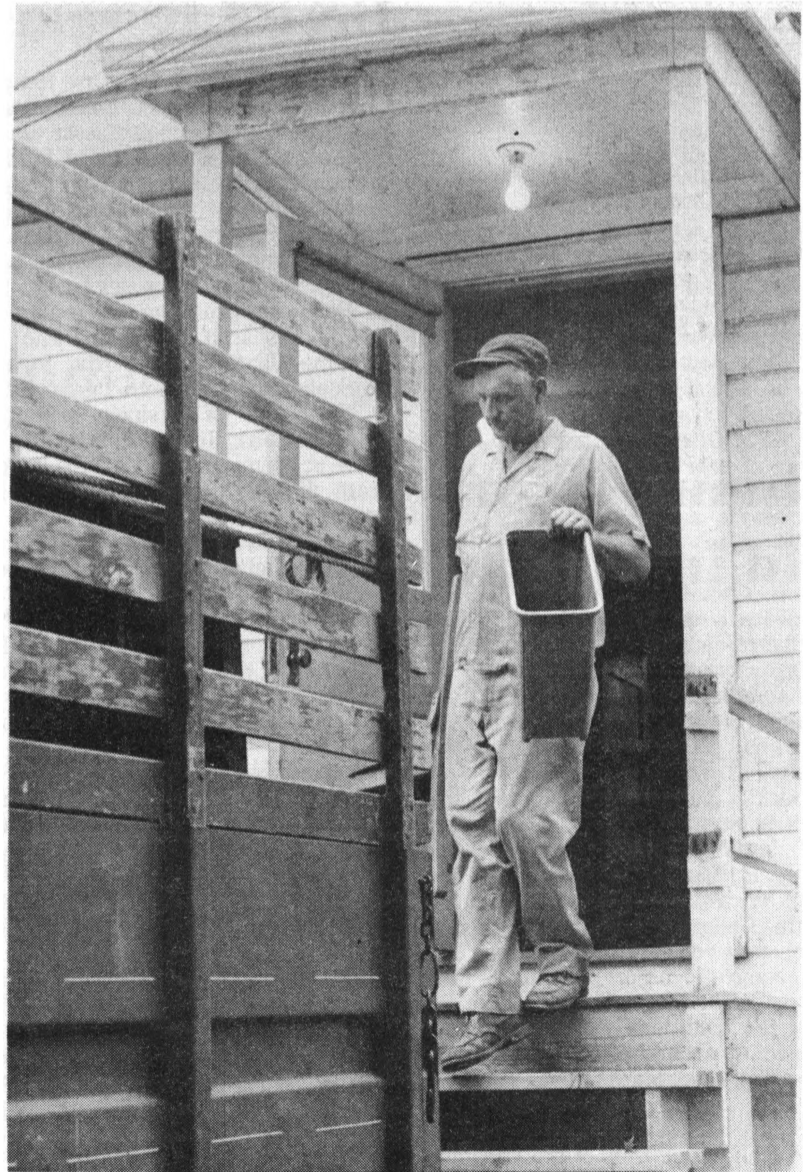
"It was more informal and we seemed more in contact with the general life of the University," one employee remembers. "The students were right outside the window, hurrying to classes. I felt right in the middle of all the activity."

Another employee remembers that "there was no air conditioning, and it was always hot in the summer — and cold in the winter."

"The location was great," another employee says. "Being right behind Jesse, it was easily accessible to all parts of campus. Students felt free to drop in and ask questions."

Finally, the cost of maintaining the buildings became too great and the decision was made this summer to take them down. Bids were taken and the material sold for salvage. The area has now been leveled and sodded, and the parking lot behind Jesse Hall slightly enlarged.

Two quonset huts on Red Campus, also erected after World War II, are scheduled to be moved and re-erected near the A. L. Gustin Golf Course for storage. One of these buildings is immediately west of Jesse Hall and has recently housed the testing and counseling offices. The second building is located just north of the Student Health Service.



AN ERA ENDS as office equipment for the Research Center in Social Behavior is moved out of the temporary buildings that were located south of Jesse Hall on Conley Ave. The buildings have now been torn down and the material sold for salvage. Shown here is University employee James Ott from Stephens, Mo., removing office equipment to be relocated at the Research Center's new home, 111 Stewart Road.

Safety News and Views

What Is Workmen's Compensation Insurance?

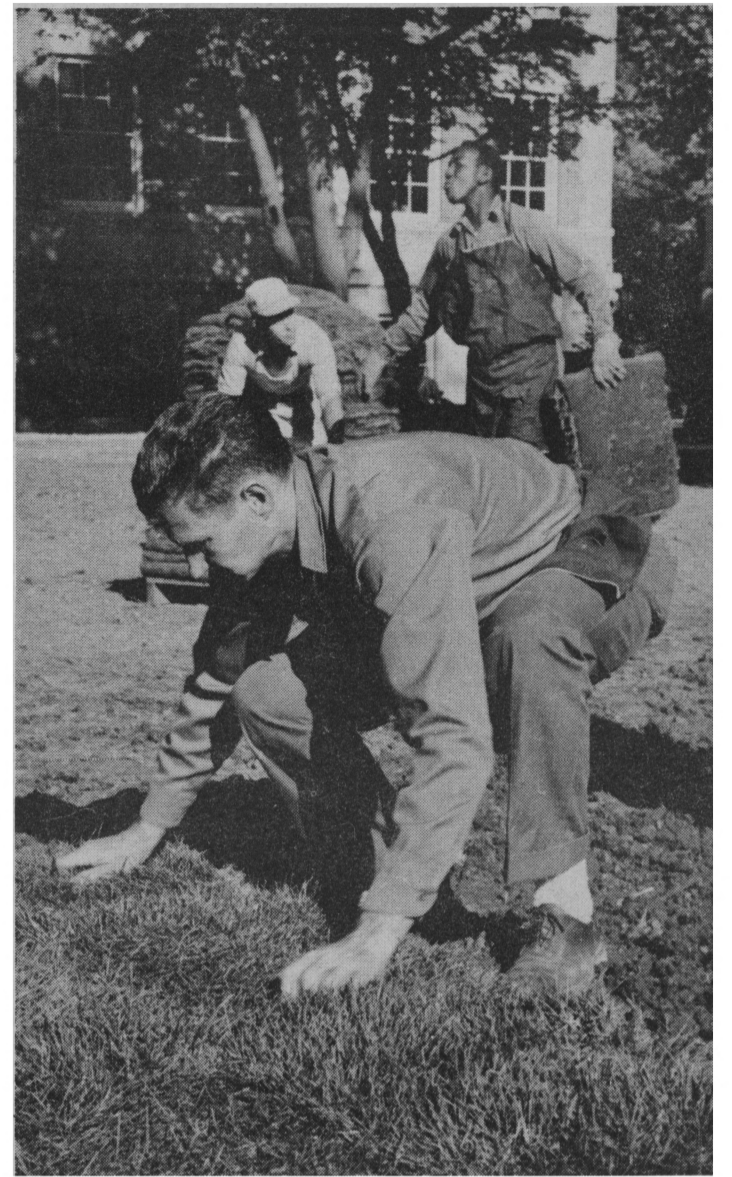
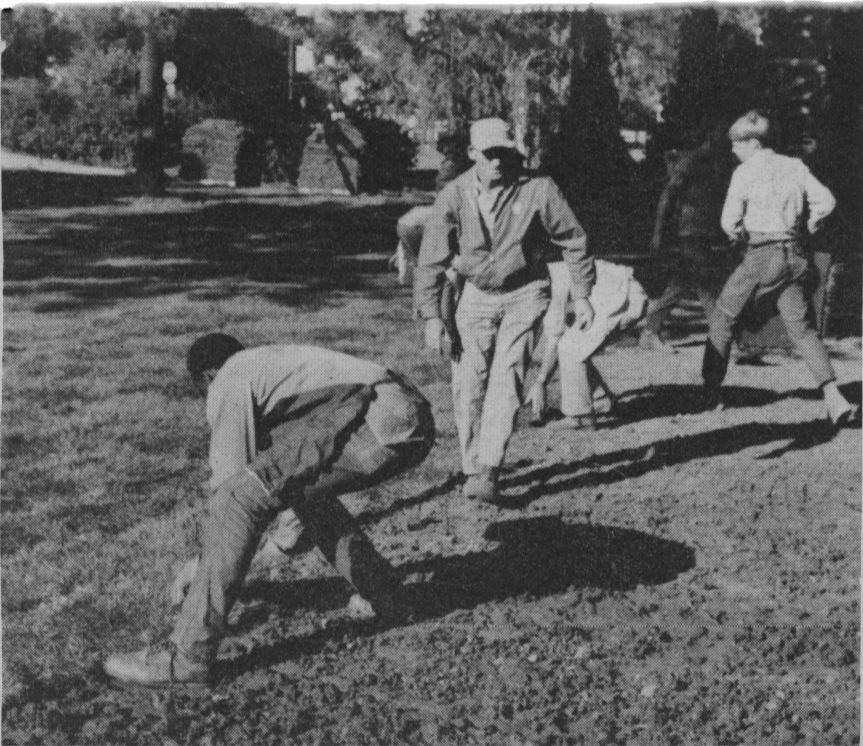
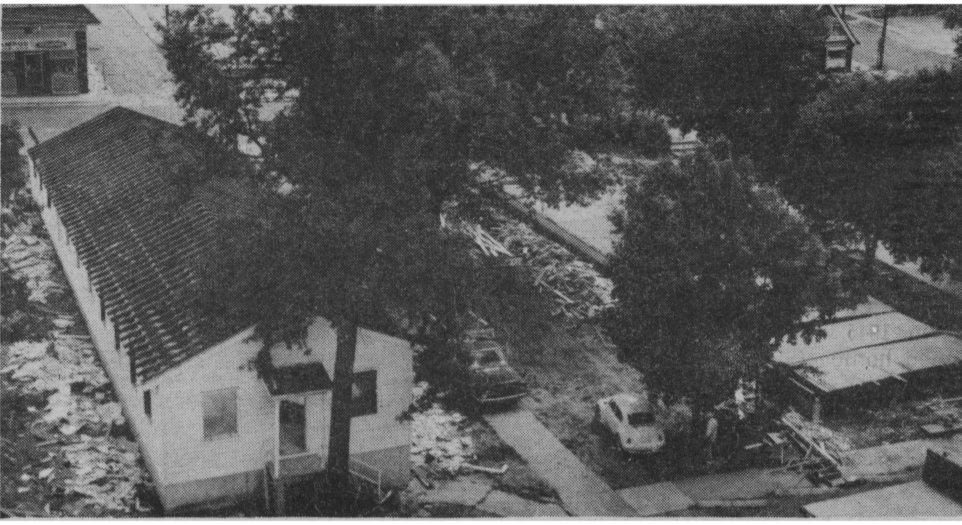
The University's Workmen's Compensation Insurance provides for the payment of medical expenses and for lost time to any employee who sustains personal injury that arises out of and in the course of his or her normal employment at the University. It also provides for coverage of any occupational disease contracted during the course of one's employment and for death benefits, should the accident or disease result in death.

All academic and non-academic employees, both full and part-time, are extended coverage under this insurance. It is the responsibility of the employee to

report all injuries immediately to his or her supervisor on the University's Report of Injury—Employee form (UM-UW3). Only by completing this form fully and accurately can the employee receive the best results, service and full benefit from this insurance.

The information contained on the form is immediately forwarded to the University's insurance company for processing. The determination of whether medical expenses and compensation are payable, the amount and duration of such payments is prescribed by State law and not by the University or its insurance company.

Inquiries with regard to the foregoing should be directed to Bruce Gray in the Business Office, 11 Jesse Hall.



T2 AND T3 came down, and University employees gave the south side of Jesse Hall a new look. Upper left: the two temporary buildings were torn down and the lumber sold for salvage. The land was then leveled off and the parking area slightly enlarged. Upper right: Tom Singleton (front); Ralph Phillippe and John Carthon (rear; left to right) of the Campus Shop crew begin laying sod on the old building sites. Left: Members of the quick-moving sod laying crew are John Carthon, Bob Nowlin, Ralph Phillippe, Kermon Neff and John McCrory, all of the Campus Shop. Bottom: Eldon Maher (left), Bob Freeman, O. D. Nichols, Jird George and Al Wehmeyer (bottom left to right) of the Mason Shop crew spread gravel for cement to enlarge parking area.



Job in Spotlight

Rule Seeks Out Teeth, Other 'Piped' Items

Once he promised to find a lost tooth if the Tigers beat the Jayhawkers in football the next day.

Other times, he has retrieved contact lenses, rings, necklaces and earrings accidentally dropped down lavatories at dormitories.

He also has dislodged silverware caught in pumps of cafeteria dishwashers.

But to Wesley Rule, plumber III, who works in maintenance of dormitories and cafeterias, these are just part of the tasks that "keep my job so interesting. There is something different each day."

One afternoon, Rule recalls, he was summoned to recover football star Charlie Brown's tooth. Brown had accidentally dropped it down a lavatory. Rule promised to find the tooth if Brown, in turn, promised to win the next day's game against Kansas University Jayhawkers. Rule found the tooth and the Tigers defeated the Jayhawkers 7-0.

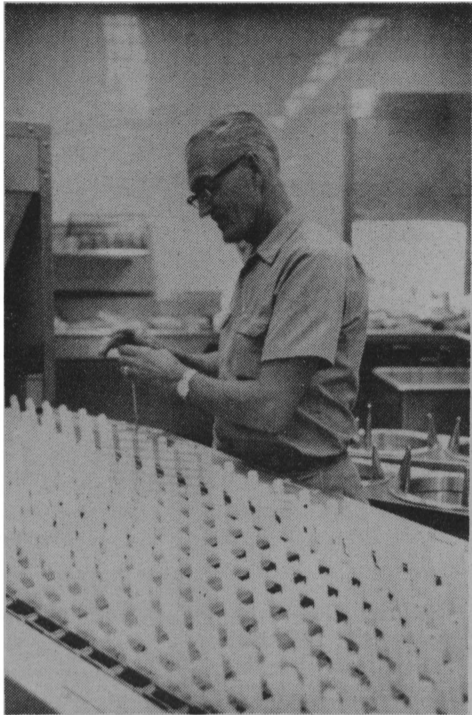
Many times, day and night, Rule has been called to recover contacts dropped down sinks. Usually, it has been at a girl's dormitory.

"If they haven't washed water down the drain after they dropped the lens, then I can usually recover it," Rule said. "Sometimes the girls are crying, but they usually end up helping me try to find it. Then if the lens is recovered, they are really happy. This is a most rewarding part of my job."

Though Rule looks at it as just part of his job, he sometimes is sent to free clogged grease traps outside cafeterias. The traps have to be cleared of grease and garbage. A few years ago the garbage had to be dipped out by buckets and cans. Today, a truck with a special pump is used to take care of the problem.

Rule also repairs broken dishwashing machines, garbage disposals, backed up sewers or water leaks. Calls for repairs usually come from house mothers and cafeteria managers. His foreman is Charlie Baldwin.

When he first came to the campus 18 years ago, there were four cafeterias and not as many dormitories as there are today. Fellow workers said they would be glad to show him the ropes, but as Rule explains it, "when trouble arose, there usually wasn't anyone around to teach me. So I took it on my own."



WESLEY RULE

Edward Lee, supervisor of mechanical trades, describes Rule as a man with "very fine character. We can send him anywhere, anytime and anyplace. His work requires him to meet all sorts of people at all hours of the day and night. He meets these requirements with his good attitude and versatility of skills."

In fact, Lee points out, "Wesley is so versatile that we can call him out on most any job. I've seen him working waist high in mud. He always does his job."

Rule and his wife, Ora Bell, reside south of Columbia in Stadium Heights. They have two sons, Jackie of the home, and Andrew who is married and has two daughters.

Uhler Chairs Credit Union Committee

Jack Uhler, associate director of housing, has been appointed chairman of the membership committee of the Mizzou Employees Federal Credit Union, it was announced recently. A membership campaign is being planned for this fall.

Organized June 2, the Credit Union at present has 380 members. The membership committee hopes to expand this to at least 1,000 members during the membership drive.

Other committee members are James Ollar, assistant to the director of administrative management in Extension; Dean Shelley, instructor in food science and nutrition; Elinor Hines, secretary to the dean in the College of Education; Don A. Schmidt, professor of veterinary pathology; Wesley Rule, plumber III; Larry Harkness, personnel manager, Medical Center; and John Rhein, publications administrator.

Mrs. Rachel Lee has been employed as Office Manager at the Credit Union office, 810 Conley Ave. Office hours will be noon to 6 p.m. Monday through Friday, and 9 a.m. to noon, Saturday.

The Credit Union has already granted 52 persons loans, totalling more than \$12,000. Loan limits at present are \$250 for unsecured loans and \$1,000 for secured loans. These limits will probably be increased as assets increase.

Only members are eligible to obtain loans. Membership is open to any employee who purchases at least one \$5 share of Credit Union Stock and pays a 25 cent membership fee.

Present assets of the Union exceed \$16,000.

Department Chairmen Appointed by Chancellor

Chancellor John W. Schwada has named chairmen of two new departments, made changes in 25 others, but for the most part re-appointed faculty members to serve as department chairmen:

The new departments are those of computer science, which Paul K. Blackwell will head, and informational science, with Donald Lindberg as New department chairmen are:

Agricultural chemistry—Dennis T. Mayer; agronomy—Roger Mitchell; anesthesiology—George W. N. Eggers; botany—Billy G. Cumbie; chemistry—John C. Guyon; curriculum and instruction—William D. Hedges; entomology—Mahlon Fairchild; food science and nutrition—D. M. Graham; genetics—Allan B. Burdick; geography—Jesse H. Wheeler Jr.; geology—Stanley Davis; Germanic and slavic languages—Adolph E. Schroeder; higher and adult education—Kenneth A. Brunner; law—Willard Eckhart; management—Robert G. Cook; medicine—Charles E. Mengel; philosophy—John H. Kultgen; psychiatry—James M. A. Weiss; psychology—David G. McDonald; social work—Arthur J. Robbins; veterinary anatomy—James E. Breazile; veterinary microbiology—Raymond W. Loan; veterinary pathology—Billy E. Hooper; zoology—John N. Farmer.

Reappointed chairmen are:

Accountancy—Joseph A. Silvano; aerospace studies (Air Force ROTC)—Clayton Findlay; agricultural economics—V. James Rhodes; agricultural engineering—LeRoy Day; anatomy—C. Roland Leeson; animal husbandry—Albert J. Dyer; anthropology—James A. Gavan; art—John S. Weller; art history and archaeology—Osmund Overby; atmospheric science—Wayne Decker; biochemistry—Owen J. Koeppe; chemical engineering—G. W. Preckshot; civil engineering—James W. Baldwin Jr.; classical languages—John C. Thibault; community health and medical practice—Lester E. Wolcott; counseling

and personnel—John L. Ferguson; dairy husbandry—Harold D. Johnson; economics—Richard L. Wallace; educational administration—Neil C. Aslin; educational psychology—Paul C. Polmantier; electrical engineering—C. O. Harbort.

English—Howard W. Fulweiler; extension education—Randel K. Price; finance—Francis L. Stubbs; forestry—Donald P. Duncan; health and physical education—Paul C. Ritchie; history—Richard S. Kirkendall; home economics—Margaret Mangel; horticulture—Raymond A. Schroeder; industrial engineering—Jay Goldman; intercollegiate athletics—Dan Devine; journalism—Earl English; library science—Ralph Parker; marketing—Donald L. Shawver; mathematics—Joseph L. Ziemer; mechanical and aerospace engineering—Paul W. Braisted; microbiology—Frank B. Engley Jr.; military science—Claude D. Barton; music—Charles L. Emmons.

Naval science—Earl B. Johnson; nursing—Ruby Potter; obstetrics and gynecology—David G. Hall; pathology—Fred V. Lucas; pediatrics—Robert L. Jackson; pharmacology—Bertis A. Westfall; physics—Louis V. Holroyd; physiology—James O. Davis; plant pathology—Robert N. Goodman; political science—Lloyd M. Wells; poultry husbandry—James E. Savage; practical arts and vocational-technical education—Wilbur R. Miller; radiology—Gwilym S. Lodwick; recreation and park administration—Keith B. Roys Sr.; regional and community affairs—Lee J. Cary; romance languages—Kernan B. Whitworth Jr.; rural sociology—Robert McNamara; sociology—Daryl J. Hobbs; special education—Richard C. Schofer; speech and dramatic art—Frances L. McCurdy; statistics—Frederick Williams; surgery—Marion S. DeWeese; veterinary medicine and surgery—Mark P. Rines; veterinary physiology and pharmacology—Terrance M. Curtin.

CAMPUS COLUMNS
University of Missouri
223 Jesse Hall
Columbia, Mo. 65201

Application to mail at 2nd class postage rates is pending at Columbia, Mo.

Wilson to Talk On Curriculum Tuesday Night

Dr. Vernon Wilson, University vice president for academic affairs, will speak at the Human Relations Council's first meeting of the school year at 7:30 p.m., Tuesday, Sept. 23, in 208-9 Brady Commons.

Wilson will be joined by Dr. Homer C. Folks, associate dean of the College of Agriculture, and Kenneth Lobenstein, student, in a discussion of curriculum development at the University.

The meeting will be the first in a series of bi-monthly programs on subjects of campus and community concern. Faculty and staff are welcome to attend.

The second meeting will be concerned with the improvement of educational opportunities for minority groups. It is scheduled for 7:30 p.m., Oct. 7, in S-16 of the Memorial Union.

The Human Relations Council, founded five years ago, works to increase understanding between students, faculty and administration of the University.

Umbrellas, Other Lost Articles Pile Up at Campus Security

The lost and found office of UMC's traffic safety and security department can be a busy place—especially on rainy days when people flock in—looking for lost umbrellas.

It is also an interesting place when someone brings in items like shoes left on a curb or a new suit just back from the cleaners that someone forgot.

Books are the most frequently lost items according to Mrs. Faye O'Bryan, campus police officer, and umbrellas are next. UMC regulations state the office must keep unclaimed items 60 days although Mrs. O'Bryan says she often keeps things longer. Items may be claimed from 8 a.m. to 5 p.m. at 900

Conley Ave.

Unclaimed items are auctioned off with the money going to the Student Loan Fund or, as in the case of about 450 pairs of unclaimed eye glasses last year, are given to charitable organizations.

Reports on lost items may be made any day of the week, day or night, in person at 900 Conley Ave. or by calling 449-9168. Lost items are immediately cataloged. If the item bears ownership identification, or if the item fits the description of an article previously reported, an effort is promptly made to notify the owner.

The best way to insure the return of lost items is to mark items with name, address and telephone number.

CAMPUS COLUMNS

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 1, No. 2

October 17, 1969

Mall Building to Provide Office, Classroom Space

The shortage of classroom space available for undergraduate teaching at UMC will be appreciably relieved with the completion of the new four-story \$2,000,000 classroom and office building under construction on the west side of the Mall just north of Rollins Street. Completion for full occupancy is scheduled for the fall of 1970.

The structure is Stage I of the central campus complex of classroom and office buildings for undergraduate students projected in the long range planning for the Columbia Campus. It is primarily a teaching building with the lower three floors almost entirely classrooms. Offices and faculty facilities take up only the fourth floor.

The philosophy department will be in the building. Other assignments are still to be determined. The classrooms will be assigned by the registrar's office as needed for holding classes, to assure their maximum use. No department will be assigned the exclusive use of a classroom or classrooms.

The major facilities will include 42 classrooms of varying sizes; 40 offices, mostly of one desk size; two auditoriums with a seating capacity of 145 students each; two lecture halls; two seminar rooms; a conference room; a laboratory; a reference room; secretarial staff space; two large special purpose rooms, and rest rooms, mechanical and equipment rooms and other accessory space.

From an overall viewpoint the building will be rectangular, approximately 210 feet from north to south and 100 feet from east to west in its outer dimensions. The main entrance, and stairway, midway in the east side, will be on the east or Mall side; there will be entrances and stairways also on the north and the south ends.

The dual auditoriums, which will rise only to the third floor level, will be on the west side at the north end of the building. They will have entrances from the second floor main corridor.

Notice:

Did your co-worker not receive his copy of *Campus Columns*? He's not alone — about 850 did not receive the September issue because they have an incorrect address listed with the payroll office of the University.

Campus Columns is being addressed on the W-4 withholding exemption list of the payroll department. Any employee with an incorrect address on this list will not receive his W-2 form at the end of the year, says Russ Cook, director of payrolls.

It is the employee's responsibility to see that his address is kept current, Cook says. Addresses can be corrected by filling out a new W-4 form and submitting it to the payroll department as soon as possible.

The main corridors will extend the full length of the structure from north to south on the first, second and third floors, with a branch corridor extending to the west near the south end of each main corridor. The fourth floor will have two main north to south corridors with a number of branch corridors, as that floor will be arranged in blocks and tiers of offices since most rooms will be of comparatively small size.

The building is of buff brick and designed to conform to the architecture of the Thomas A. Brady Commons and the Arts and Science Building on the east side of the Mall.

The principal facilities on each floor include:

First floor — 14 classrooms ranging from about 20 feet square to nearly double that size; two lecture halls with an 85 seat capacity each; two small faculty offices; rest rooms and supporting areas.

Second floor — 14 classrooms, also varying in size; two small offices; a projection and preparation room for each auditorium; rest rooms and supporting areas.

Third floor — 14 classrooms of varying sizes; two assistants' rooms; an oversize office area and two small offices; and rest rooms.

Fourth floor — 32 small offices and one oversize office area; a conference room; two seminar rooms; a laboratory; a reference room; reception and secretarial-staff rooms; two large special purpose rooms; rest rooms.

A mechanical room and cooling tower will be on the roof; a part basement will house a mechanical room.

Decisions, Decisions

Payroll Drafts, Deducts, Distributes for 12,000

Anyway you look at it, the job of the payroll and student accounts department isn't a simple one.

There is the matter, for instance, of drafting some 12,000 checks each month; then there is the distribution — and collection — of student loans and scholarships. Before a check is written such things must be taken into consideration as federal and state income tax deductions, social security, insurance, United Fund, traffic and library fines, accounts due, parking lot fees, union dues, tax deferred annuity deductions, and, for some employees, the matter of Civil Service and federal insurance deductions.

When the checks are written, are they to be mailed to banks, mailed to homes or held for pickup?

Decisions, decisions!

Russell D. Cook, with the title of director of payrolls and student accounts, directs operation of the office located in 16 Jesse Hall. He has a 22-member staff, seven of whom work on student loans and scholarships, seeing to it that on every payday University employees have a check.

There are difficulties, of course. The department may not have sent in its payroll on time; there are chances, heaven forbid, that the payroll office erred; and perhaps a typographical error at Data Processing produces a boo-boo.

Cook won't concede it, but everyone knows that a percentage of error is expected with a vast payroll that requires checks twice monthly for some employees and once month for others, with a constantly changing staff of full-time and part-time employees.

Cook says that the number of checks written each month averages about 12,000, but varies from about 9,000 during August to a high of 13,000 in others. The average payroll ranges from \$5 to \$5½ million a month.

If your check is delayed, chances are that a withholding tax exemption certificate (W-4) form is to blame. No check can be written for an employee if his W-4 form, which gives information for Social Security and federal income tax, is not on file.

"The W-4 form is important," Cook emphasized. "With it we have the correct address, among other things, and we should be informed immediately if an employee moves or if his tax status changes. We ask the various department heads to keep a supply of forms on hand and to make them readily accessible for new employees or for workers who report a change in status or address."

He also hopes that the department head insist that the forms be written with a heavy hand, as some of the

carbon copies aren't legible.

He emphasized that the payroll office should be informed immediately by the employee if a change of address takes place. It is from W-4 forms that income tax information is mailed to employees. Addresses are important too for those who ask that their checks be mailed.

For the most part, any question about
(Continued on Page 5)

Local Agencies Helped by Gifts To United Fund

Your United Fund contribution helps many Columbia and Boone County organizations.

United Cerebral Palsy is one such example. It brings specialized training, equipment and encouragement to the families of the afflicted from age 2½ upward. Development of the child to his fullest potential through intensive restorative care is the goal for each of the more than 50 so handicapped in Boone County.

Although 1,850 pints of blood are contributed in Columbia each year, the American Red Cross returns 7,500 pints each year to save lives at Ellis Fischel, the Medical Center and Boone County Hospitals. This blood is provided free.

Through the Boone County Assn. for Retarded Children, 85 per cent of the 1,200 retarded children and adults in Boone County can learn to be self-supporting citizens with proper training and special education. The association helps finance special classes, sheltered employment, recreation services and employment for the retarded.

Girl Scouts, Camp Fire Girls, YMCA, YWCA, and Boy Scouts of America are helped through your contribution. Everyday activities and day and summer camps are possible partially through United Fund help.

Without the support of the United Fund, the Cancer Research Center would be hard-pressed to find the necessary monies to continue its important work. The United Fund fills the monetary gap between that which is authorized by the government and that which is actually incurred by the organization.

Missouri Assn. for Social Welfare is a state-wide group of lay persons particularly concerned with human rights, children and youth, aging, corrections, public assistance and health among Missouri residents. These areas of social welfare studies and recommendations for legislative action or education are developed and supported.

The services of two day care centers operated by Community Nursery School and licensed by the State Department of Welfare are extended to 75 children 12 months of the year. Children of families with emergencies necessitating parental absence are given priority in enrollment.

Family Service helps prevent divorce, dependency and delinquency in Columbia by counseling confidentially with 1,000 persons in 270 families in the past year. Counseling and community education relating to marital and pre-marital problems, parent-child relationships, personal difficulties, financial-budgetary worries and vocational-employment problems are provided.

USO (United Service Organizations) extends hospitality and assistance to the serviceman who is away from home even in remote foreign lands where he might be serving. Our community support of this program is met by the United Fund, as this is the sole support of this program from all communities in the country.

Many other local organizations also receive assistance through United Fund. Your help can't help but help.

From the Chancellor:

University Staff

It is apparent that employees of the University are again responding to appeals to them in behalf of this year's United Fund campaign. The agencies supported by the United Fund are important to the University since they serve a variety of community needs of real concern to University personnel. An increasing number of University employees are taking advantage of the payroll deduction plan in making contributions in order to distribute the financial impact throughout the year.

I am sure solicitors for the United Fund will visit with you and will be well received. I hope that University personnel will again demonstrate their concern for community needs and will participate actively in providing support through the United Fund program.

John W. Schwada

Calendar of Events

LECTURES, SPEAKERS

Oct. 21: Dr. Albert Hibbs, NASA Authority, to speak on "Looking into Space," 8 p.m., Jesse Auditorium. No admission charge. Sponsored by Student Activities.

Oct. 22: Two Short Stories from Philip Roth's "Goodbye, Columbus" to be read at Reading Hour. Directed and adapted by Cheryl Horine. Sponsored by the department of speech and dramatic art and the Missouri Workshop Theatre.

Oct. 27: Charles H. Percy, U.S. Senator from Illinois, to speak on "Problems of the United States Foreign Policy," 8:15 p.m., Stephens Assembly Hall. Stephens Foreign Relations Lecture Series; Season ticket, \$6; Single admission, \$2.

Oct. 31: Jean Shepherd, satirist of the underground, to speak 10:40 a.m., Jesse Auditorium. Pick up free tickets Oct. 20 at Memorial Union ticket window. Sponsored by Student Activities.

Nov. 3: Azriel Rosenfeld, professor of computer science at University of Maryland, to speak on "Computer Processing of Pictorial Information," 3:30 p.m., at Electrical Engineering Auditorium. Sponsored by the department of electrical engineering.

Nov. 6: Dr. Ralph Lapp, nuclear physicist, to speak, 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

Nov. 7: Saul Rosen, professor at Purdue University, to speak on "Automatic Scheduling for a Large Multi-Processor, Multi-Programming System," 3:30 p.m., Electrical Engineering Auditorium. University Assembly Lecture sponsored by the department of electrical engineering.

CONCERTS, PLAYS

Oct. 18, 22, 31; Nov. 1, 14, 15, 19: "The Waltz of the Toreadors," French sex farce. Stephens Playhouse Series. 8:15 p.m., Stephens Playhouse. Admission, \$2.

Oct. 23: The Believers, off-Broadway success, the Black experience in song, 8 p.m., Jesse Auditorium.

Oct. 24, 25, 29: "Lysistara," Aristophanes' comedy of the women of Greece. Stephens Playhouse Series. 8:15 p.m., Stephens Playhouse. Admission, \$2.

Oct. 29: Sigma Alpha Iota and Phi Mu Alpha recital, 8:15 p.m., Recital Hall, Fine Arts Building.

Oct. 29-Nov. 1 and Nov. 5-8: "Who's Afraid of Virginia Wolf?" by Edward Albee, performed by University Theatre, 8:15 p.m., University Theatre. Admission, \$1.50.

Oct. 30: University Symphony Orchestra Concert, 8:15 p.m., Jesse Auditorium.

Oct. 31: Judith Raskin, Metropolitan Opera soprano, 8:15 p.m., Stephens South Campus Auditorium. Sigma Gamma Gamma Concert Series; admission by season tickets only, \$10.

Nov. 2: Esterhazy String Quartet in Residence Recital, 4 p.m., Recital Hall, Fine Arts Building.

Nov. 4: Merrily Culwell, faculty vocal recital, 8:15 p.m., Recital Hall.

Nov. 5, 7, 8, 12: "Black Comedy," modern slapstick farce. Stephens Playhouse Series. 8:15 p.m., Stephens Playhouse. Admission, \$2.

Nov. 9: Judy Collins in concert, 4:30 p.m., Brewer Fieldhouse. Sponsored by Student Activities. Ticket prices to be announced.

Nov. 7: "Cosi Fan Tutte," Mozart's opera, 8:15 p.m., Stephens Assembly Hall. Stephens Art Series. Season ticket, \$20.

Nov. 12: "Fiesta Mexicana," an internationally-known company of Mexican dancers and musicians.

FILMS, EXHIBITS

Oct. 19: Film Classic, "East of Eden," 6 & 8:30 p.m., Jesse Auditorium.

Oct. 22: Foreign Film, "Wild Strawberries," Swedish, 7:30 p.m., Library Auditorium.

Oct. 24: Foreign Film, "The Gold Rush," American, 7:30 p.m., Library Auditorium.

Oct. 26: Film Classic, "A Raisin in the Sun," 6 & 8:30 p.m., Jesse Auditorium.

Nov. 2: Film Classic, "Born Free," 6 & 8:30 p.m., Jesse Auditorium.

Nov. 2: Anthropology Film Series, "Alaskan Eskimo," and "Lapland," 2 p.m., Memorial Union Auditorium.

Nov. 9: Film Classic, "Ship of Fools," 5:30 & 8:30 p.m., Jesse Auditorium.

To Oct. 31: Exhibit: "Cecil Carstenson, wood sculptor," Fine Arts Gallery.

To Oct. 31: Exhibit: "Don Thayer: Figures and Forms," Brady Commons Gallery.

To Oct. 31: Exhibit: "Hayette Frances," Memorial Union Gallery.

Nov. 1-30: Exhibit: "Works by University of Tennessee Faculty," Fine Arts Gallery.

Nov. 3-28: Exhibit: "Contemporary European and American College," Memorial Union Gallery.

Nov. 3-28: Exhibit: "Pocket of Poverty — the Inner City," Brady Commons Gallery.

CONFERENCES, INSTITUTES

Oct. 17-18: School of Forestry Advisory Council Meeting, 11 a.m., Memorial Union.

Oct. 19-21: Community Development Society Conference, 5 p.m., Memorial Union. Sponsored by regional and community affairs.

Oct. 24-25: Missouri Economics Assn., Memorial Union. Sponsored by the School of Business and Public Administration.

Oct. 25: Collective Bargaining Preparations Conference, 8 a.m., Memorial Union.

Oct. 28-30: Annual Extension Conference, 8 a.m., Jesse Auditorium. Sponsored by the University Extension Division.

Oct. 30-31: Product and Professional Liability Symposium, 8 p.m., Memorial Union Auditorium. Sponsored by the School of Law and College of Engineering.

Nov. 3-4: Veterinary Conference, Memorial Union.

Nov. 5-6: 10th Annual Lawn and Turf Conference, 8 a.m., Memorial Union. Sponsored by the department of horticulture.

Nov. 9-11: Missouri Pest Control Operators Conference, 8 p.m., Memorial Union. Sponsored by the department of entomology.

Nov. 11-12: Missouri Hotel and Motel Assn. Conference, 8 a.m., Memorial Union. Sponsored by the School of Business and Public Administration.

Nov. 12-13: Forestry Conference, Memorial Union. Sponsored by the School of Forestry.

Nov. 13-14: Annual Traffic Conference, 8 a.m., Memorial Union. Sponsored by the College of Engineering.

Nov. 13-14: Disease Conference of Pullets. Sponsored by the department of poultry husbandry.

Nov. 14: University of Missouri Business Writing Symposium, 8:40 a.m., Recital Hall, Fine Arts. Sponsored by the Schools of Journalism and Business and Public Administration.

COURSES, WORKSHOPS

Oct. 20 and Nov. 3: Orientation for New Employees. Oct. 20, 2 p.m., S4 Memorial Union. Nov. 3, 2 p.m., S204 Memorial Union. All new employees should attend one session. Sponsored by Personnel Office.

Oct. 22-23, 29-30, Nov. 5-6, 12-13: Rapid Reading Short Course, sections I and II, 7 p.m., 1 Hill Hall. Sponsored by Testing and Counseling Service.

Oct. 24 and Nov. 14: Office Procedure Sessions, 2:45 to 5 p.m., Arts and Science Auditorium. For clerical people. See story this issue for further information. Sponsored by Personnel Office.

DEADLINES, OTHER EVENTS

Oct. 23: Chancellor's Faculty Reception, 8-10 p.m., Large Ballroom, Memorial Union.

Oct. 24: Deadline for stories for next Faculty Bulletin.

Nov. 7 and 14: Public Telescope Observing Nights, 8 p.m., 505 New Physics Building.

Nov. 7: Deadline for stories for next Campus Columns.

Nov. 11: Pi Lambda Theta Founders Day Banquet and Program, 6:30 p.m., N214-15 Memorial Union. Sponsored by Alpha chapter of Pi Lambda Theta.

SPORTS

VARSITY FOOTBALL

Oct. 18 — Oklahoma State here
Oct. 25 — Colorado at Boulder
Nov. 1 — Kansas State here (Homecoming)
Nov. 8 — Oklahoma here
Nov. 15 — Iowa State at Ames
Nov. 22 — Kansas at Lawrence

FOOTBALL FLASHBACKS

To be shown at 7:30 p.m. on dates indicated, in Jesse Auditorium. No admission charge. Sponsored by Student Activities.

Oct. 28 — Colorado
Nov. 18 — Iowa State
Nov. 25 — Kansas

FRESHMAN FOOTBALL

Oct. 24 — Kansas at Lawrence
Oct. 31 — Kansas State here
Nov. 14 — Iowa State at Ames

THREE-MILE TEAM (CROSS-COUNTRY)

Home meet:
Oct. 25 — Kansas State University

Ralph Havener Appointed First University Archivist

For the first time in its 131-year history, the University now has a full-time archivist.

In announcing the appointment of Ralph S. Havener to the position, President John C. Weaver noted that universities throughout the nation are recognizing the need and value of having an archivist on the staff.

Havener's University-wide responsibility will be to collect and preserve the official records and other material of the University that contain evidence and information relevant to its origins and development and to the achievements of its students, faculty and officers. He also will serve as secretary of the University Archives Committee.

In addition, Havener will work closely with the director and staff of the Western Historical Collections and the records management division of the comptroller's office in evaluating documents and manuscripts for preservation.

Also, he will encourage present, former and retired faculty members and administrative officers to place their papers in the University Archives to ensure the documentation of their role in the development of the University and its programs. Likewise, he will encourage next of kin of deceased faculty and staff to give professional and personal papers to the University for preservation.

UMC Continues Free Statistics Research Lab

UMC operates a free statistics laboratory for use by faculty, staff and students.

The four-year-old laboratory, which is maintained by the statistics department, is located in 86E Mechanical Arts Building (southeast corner of Engineering, ground level). It provides services and facilities for staff and student research and class projects.

The lab is a logical place to solve routine problems that do not require extensive computer time. For problems of this type, the lab can eliminate the necessity of scheduling computer use and having cards punched, proving mutually helpful for both researcher and busy computer center staff.

Facilities and services include 30 Marchant calculators, one printing Marchant calculator with two storage registers, one Friden electronic calculator and a small Wang computer which can use IBM-type cards. Assistants are on duty to provide instruction in the use of calculators or to provide help with regular statistics courses or the programmed mathematics and statistics courses available in the laboratory.

CAMPUS COLUMNS

Campus Columns is published monthly except August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least a week prior to publication. Office: 449-9189.
Editor: Kay Marica

Havener, a native of Moline, Ill., received his B.A. degree from the University of Miami, Fla., and his M.A. degree from the University of Wisconsin, where he assisted the state archivist in organizing the university archives. Later he served four years as an assistant archivist for the State of Wisconsin and four years as the local records archivist for the State of Illinois.

For six years before coming to Missouri, Havener held a dual appointment in Moline at Black Hawk College as college archivist and chairman of the department of social sciences.

Havener is married and has three daughters. The family lives at 908 Sondra.

Highlights Of Curators' Meeting

Highlights of actions taken by the Board of Curators at its meeting Oct. 10 in Columbia:

- Joe E. Covington, UMC professor of law, was appointed to Missouri State Crippled Children Service Merit System Council.

Highlights of actions taken by the Board of Curators at its meeting Sept. 26, in St. Louis:

- Approved the award of three construction contracts totaling \$615,790 for building a three-story addition to complete the Space Science Research Center on the Columbia campus.

- Approved a revised policy regarding the use of University facilities. It replaces a policy in effect since July 22, 1965.

- Accepted the low bid of General Electric Co. for providing broadcasting equipment for KOMU-TV (Channel 8), the University's television station at Columbia.

- Approved a policy to reaffirm and clarify the University of Missouri's position regarding visiting campus speakers. The policy applies to all four campuses and involves speakers whose appearances are supported from University funds other than the regular academic budget.

Retirements

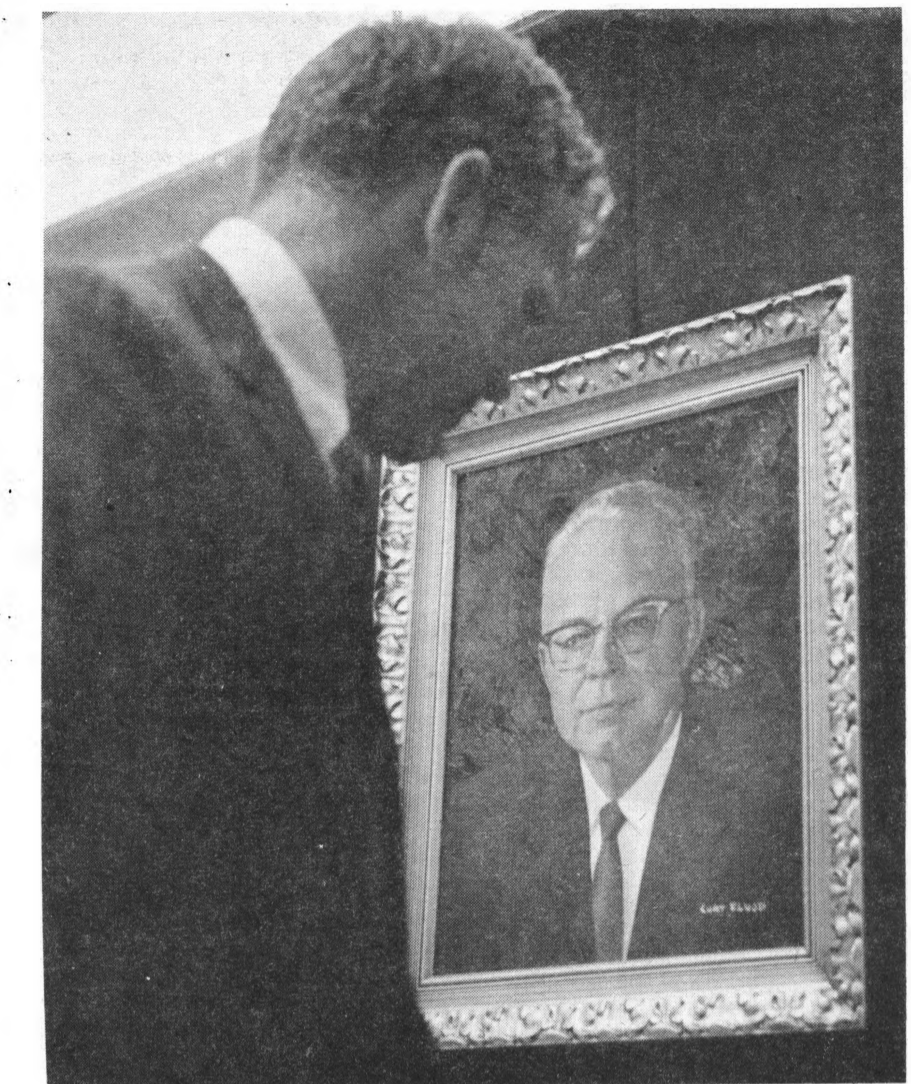
Margaret R. Kimes, administrative assistant at University-wide Extension division, retires Nov. 1 after 40 years with the University. She was first employed by the University June 1, 1928, as a correspondence clerk in Extension. She was named secretary in the correspondence department in 1938, chief clerk in charge of correspondence in 1942 and administrative clerk in adult education in 1948. She assumed her present position as administrative assistant in 1950.

Ruthford H. Westveld, director emeritus of forestry, will retire Dec. 31 after 34 years of service. He was first employed as assistant professor of forestry from 1936 to 1938, then named

Obituaries

Eli Homer Jones, University employee since Dec. 12, 1955, died June 29, 1969. He was employed as a janitor for the physical plant.

James F. Willard, employed by the University since Oct. 9, 1950, died Aug. 22, 1969. He served as a laborer for six years before being named janitor in 1956.



A NEW PORTRAIT of President Emeritus Elmer Ellis is currently on display in the south lobby of Memorial Union. The painting was presented by the Alumni Assn. to Dr. and Mrs. Ellis "in recognition of their years of distinguished service to the University." The portrait was painted by Curt Flood, centerfielder of the St. Louis Cardinals. B. W. Robinson, retiring president of the Association, made the presentation of the portrait to Dr. and Mrs. Ellis at a luncheon meeting of the Alumni Leaders Conference in September. Jean J. Madden, director of alumni activities, shown viewing the painting, said it will be removed to a permanent campus location to be chosen later. Dr. Ellis served as President from 1954 to 1966.

YWCA International Mart Scheduled for Nov. 20—21

Dates for the International Mart to maintain the YWCA program have been set for Nov. 20-21.

This is the seventh year for the Mart, whose proceeds support student members in many campus and community activities. Sponsors are members

of the advisory board of the University YWCA. Duties on the board and on the International Mart steering committee are shared by wives of UMC staff members and members of the Columbia community.

Unusual imported gift items from more than 30 countries will be offered for sale at the Calvary Episcopal Church Parish Hall, 213 S. Ninth St. Jewelry of all kinds, handwoven linens, porcelain, wood carvings, hand-blown glass Christmas toys, hand-carved creches, and Swiss music boxes are among the gifts displayed in the setting of a sidewalk cafe serving international pastries. Hours are from 9 a.m. to 9 p.m. on Nov. 20, 9 a.m. to 7 p.m. on Nov. 21.

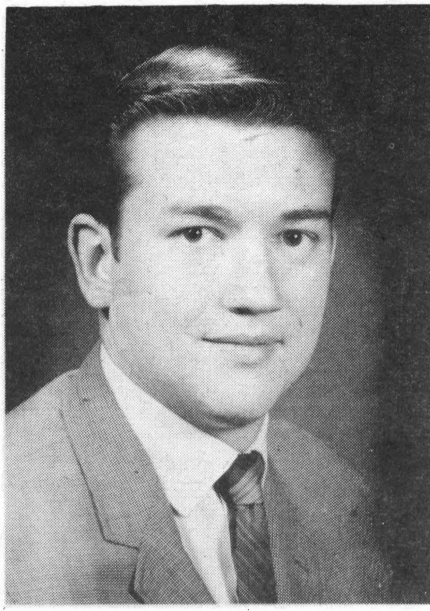
In the Columbia community, Y girls have initiated a Little Sister program with junior high school girls, are junior hostesses at the Servicemen's Center, give story hours at the Blind Boone Community Center, assist in recreational swimming for handicapped children at the Woodhaven Christian Home and maintain lists for baby-sitting. The girls make regular visits to the Missouri State Hospital and School for the Deaf at Fulton.

On campus, dorm coordinators are liaison between the YWCA office and living units. A newspaper, the Y-Reporter, is published monthly.

Proceeds from the Mart have financed leadership training for Y girls on local, state and national levels.

Center for all YWCA activities is 312 Read Hall, where Mrs. Marie Bartel, executive director, is available for consultation. Judith Denham, senior in Arts and Science, is YWCA president. Fourteen other students serve on the cabinet.

Graduate School



Edwin Parkhurst has been promoted to assistant director of the Medical Center. From Waukegan, Ill., Parkhurst came to the Medical Center in June, 1968, as an assistant to the director. He received his master's degree in hospital administration from the University of Chicago and his bachelor's degree from Carthage College in Kenosha, Wis. Parkhurst, his wife and three children now live at 504 Route TT in Columbia.

NSF GRADUATE FELLOWSHIPS —

The National Science Foundation awards graduate fellowships for study or work leading to a Master's or Ph. D. in mathematics, the sciences (physical, biological, medical and social), engineering or interdisciplinary areas.

Applications must be submitted to the Fellowship Office, National Research Council, 2101 Constitution Avenue, N.W., Washington, D. C. 20418, by Dec. 5. NSF announces the awards in March.

Requests for application blanks may be obtained from Dean Bauman, Graduate School, 205 Jesse, or from the National Research Council.

WHITE HOUSE FELLOWS — Nominations and applications for White House Fellows for one year beginning in September, 1970, must be submitted to the Commission on White House Fellows for screening by Dec. 24. Salaries for the outstanding individuals chosen for the program range up to \$23,000 depending on the level of education, experience and present earnings. Official applications forms may be obtained from the Commission on White House Fellows, the White House, Washington, D. C. 20500.

ALLIED HEALTH PROFESSIONS — Basic Improvement Grants — (Deadline Nov. 1) — NIH has established Nov. 1 as the deadline for submitting applications for basic improvement grants which are awarded to training centers for allied health professions.

Copies of the official application form, NIH-1562, with detailed instructions for completing the application are available from the Health Manpower Grants Branch, Div. of Health Manpower Educational Services, Bureau of Health Professions Education and Manpower Training, NIH, PHS, Bethesda, Md. 20014.

DIVISION OF FOREIGN STUDIES — Office of Education proposals are due in Washington Nov. 14. Application forms are available in the Graduate Office, 205 Jesse.

DEPARTMENT OF INTERIOR — Water Pollution Control Training Grants — Nov. 1 is the deadline for water pollution control training grant applications. The training program is designed to prepare individuals for careers in research, teaching, administration and services in the area of water pollution control. Additional information and application forms are available from: Training Grants Branch, Division of Manpower and Training, Federal Water Pollution Control Administration, U.S. Department of Interior, Washington, D. C. 20242.

SMITHSONIAN INSTITUTION FELLOWSHIPS — Faculty and graduate students interested in using the Smithsonian's facilities for research are invited to submit fellowship applications. Applications may be submitted from any discipline represented in the Institution's holdings, including history, art, and the life, physical and social sciences. Faculty members may apply for appointments as Visiting Postdoctoral Research Associates. Ph.D. candidates may apply for Visiting Research Associates. The deadline for applications is Jan. 1. Undergraduate student awards and work-study positions are available for next summer. The application deadline is Feb. 1. For more information and application materials write to: Office of Academic Programs, Smithsonian Institution, The Mall, Washington, D. C. 20560.

ADULT EDUCATION TEACHER training applications under Adult Education Act should be submitted by Nov. 14. Applications for special experimental demonstrations or teacher training projects are encouraged.

Degree Program Evolved From Extension Services

Extension programs at the University of Missouri-Columbia are usually an outcome of academic programs. In the case of the Master of Science degree program in Community Development the procedure was reversed — the Master's Degree program evolved out of the community development consulting and continuing educational services set up on the Columbia Campus in 1957. The program was established in 1962.

Dr. Lee J. Cary, chairman of the department of regional and community affairs, said the extension contacts with community leaders in Missouri clearly revealed there was a great demand, on the part of people engaged in community activities, for learning experiences related to community development. It was further evidenced that there was a marked shortage of professional personnel trained to provide such experiences and to assist communities in a comprehensive and objective study, planning and action process to improve community life.

The capabilities for providing a center for professional community

development education existed at UMC as a result of the staff recruited for the consulting activities. The capabilities were translated into a contribution by establishing the graduate curriculum, making UMC one of the first institutions in the world to offer a master's degree in the area, Dr. Cary said.

The academic program of the department, which is within the School of Social and Community Services, is entirely on the graduate level. But the Master's Degree program is only one of the department functions in education and services for Missourians. It maintains a diploma course in community development, carries on direct consultation with communities, provides Extension education for citizens, induction and in-service training for Extension community development personnel, provides a continuing international education program and carries on research to strengthen its teaching and services capabilities.

The degree program has as its basic parts departmental courses, electives from other UMC departments, research and field experience. It is structured to give a thorough education and preparation for a community development professional career, with full consideration for the individual requirement of each student.

The diploma course in community development calls for nine months of work leading to a diploma and involves a special sequence of courses chosen from those offered in the master's curriculum. It was specifically designed for international students, particularly community development workers from Africa, Asia and Europe who seek advanced study in community development. The department has had an interest in international education since the start of the community development program at UMC, and has developed international seminars, workshops and consultative services.

Dr. Cary said an increasing number of institutions of higher education, government agencies, private organizations and voluntary associations are prepared to engage with communities to encourage and support an integrated comprehensive community development process. Such agencies and groups, he added, provide a wide range of employment opportunities to graduates. The opportunities are in both the United States and abroad, in metropolitan areas as well as low population density rural areas.

Dr. Cary in his annual report on the department for 1968-69 said that comprehensive planning at local, county and multi-county levels has been intensified in Missouri by the designation of state regional planning districts and the formation of regional planning commissions throughout the state. Another factor in intensification has been the requirement of most federal grant and loan programs for a comprehensive development plan in order for communities and regions to be eligible for funding, he noted.

Indicative of the rising interest in the field is the enrollment. Dr. Cary reported that 46 full-time students were enrolled in the Masters Degree program in community development in the 1968-69 academic year, compared to 38 during the 1968-68 and 24 during the 1966-67 academic year. Twenty-three students completed the requirements for the degree during the year.

Graduate students are involved in a variety of field activities. As a result faculty and students are able to make significant contributions to communities while the students are provided practical field experience as well as classroom learning, Dr. Cary said.

Faculty, Students Study School Calendar Revision

The first major revision of the UMC calendar since the quarter system of World War II days is being considered by faculty and students.

The Committee of Deans deferred action, until student and faculty sentiment can be surveyed, on a calendar proposal calling for a start of school in late August, completion of the fall semester before the Christmas holidays, and conducting the winter term after a three-week Christmas lapse to permit a mid-May commencement.

While the Committee of Deans approved in principle the proposed calendar, action was tabled until Dr. Jack Matthews, dean of students, discusses it with the Missouri Students Assn. and until divisional deans can discuss it with their faculties and divisional student groups. Chancellor John W. Schwada asked that results of the faculty-student survey be reported to the Committee before its November meeting.

Arguments pro and con were heard by the deans as proposals for the new calendar, as well as a traditional calendar, for the 1971-72 school year, were under consideration. The traditional calendar would start classes Sept. 16, with the fall term closing Jan. 24, the winter term extending from Jan. 27 through commencement May 30, and the summer session extending from June 12 to Aug. 4.

UMR plans to experiment with an early-start calendar next year. While the Curators are not on record as to any preference in calendars, they do favor uniformity on all four of the University campuses to facilitate transfers of students from one campus to another

with a minimum of confusion and loss of academic time.

The proposed revised calendar for 1971-72:

Aug. 22 (Sunday)—23 — New student orientation
 Aug. 24-25 — Registration
 Aug. 26 — Classwork begins, 7:40 a.m.
 Sept. 6 — Labor Day recess
 Nov. 24 (Wednesday) — Thanksgiving recess begins 12:30 p.m.
 Nov. 29 (Monday) — Classwork resumed, 7:40 a.m.
 Dec. 13 (Monday) — Classwork ends first semester, 5:30 p.m.
 Dec. 15 — Final examinations begin
 Dec. 22 (Wednesday) — First semester closes, 5:30 p.m.

1972
 Jan. 13 (Thursday) — New student orientation and registration
 Jan. 14 — Registration
 Jan. 17 (Monday) — Classwork begins, 7:40 a.m.
 March 11 (Saturday) — Spring recess begins, 12:30 p.m.
 March 20 (Monday) — Classwork resumes, 7:40 a.m.
 May 6 (Saturday) — Classwork second semester ends, 12:20 p.m.
 May 8 — Final examinations begin
 May 15 — Second semester closes, 5:30 p.m.
 May 16 (Tuesday) — Annual commencement

Summer Session
 June 12 (Monday) — Registration and orientation
 June 13 — Classwork begins, 7:40 a.m.
 July 4 — Independence day recess
 Aug. 4 (Friday) — Summer session closes, 5 p.m. Evening summer commencement.

Anthropology Film Series Set

An anthropology film series for this semester has been announced by Alden Redfield, director of the Museum of Anthropology.

The four-hour programs consist of several films and a number of museum specimens which can be examined by the public. Artifacts and displays include recent acquisitions made by faculty and students in Africa and Mexico, a loan of Eskimo carvings from the Royal Ontario Museum, Toronto, and permanent museum collections.

All presentations will be at 2 p.m. in Memorial Union Auditorium. There is no

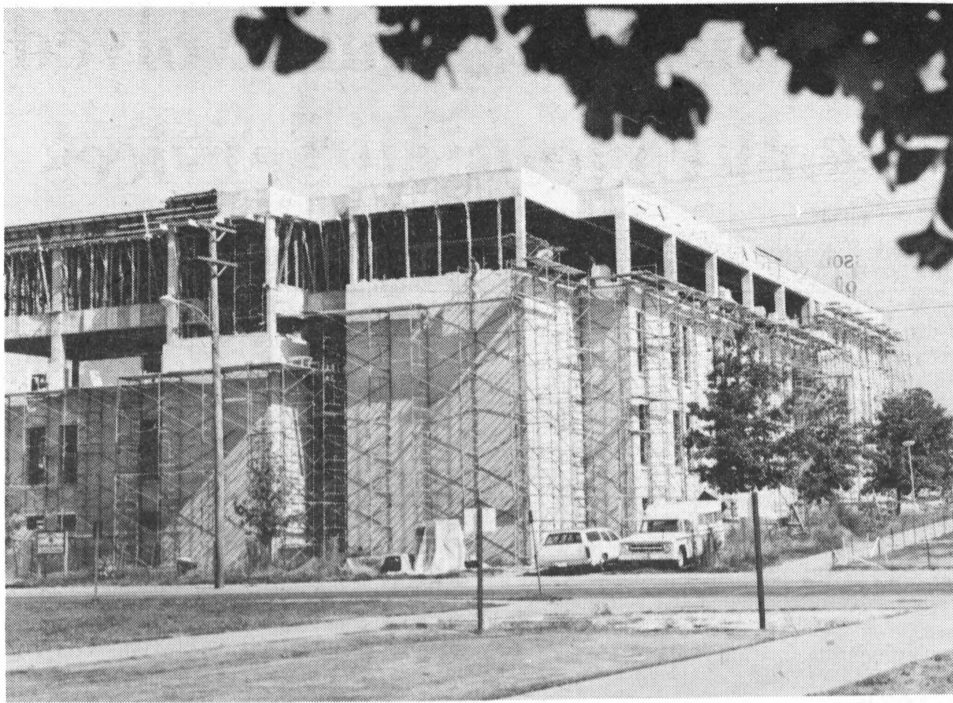
admission charge. Faculty and support staff are invited to attend.

Nov. 2: "Alaskan 'Eskimo,'" and "Lapland," Walt Disney productions.

Dec. 14: "East Africa: Kenya, Tanganyika, Uganda"; and "Blue Men of Morocco," A Walt Disney production.

Jan. 11: "Early American Civilizations, Mayan, Aztec, Incan"; "Mexico: Adobe Village"; and "Arts and Crafts of Mexico."

Museum tours and special lectures can be arranged through the Museum of Anthropology, 449-9563. Teachers may also borrow many museum artifacts and specimens for use in classes.



Joseph Blair, director of the language labs, watches as Martha McGee, student, uses a new cassette in studying for a course.

Small Cassettes Available From Technical Education

A new service to faculty and staff members concerned with audio recordings is being offered by the Technical Education Services at UMC.

Equipment has been installed to duplicate 60-minute vocal tapes on compact cassettes. Russell Nall said that the equipment permits four recordings at a time.

Compact cassettes, obviously a development of space age miniaturization, records the talks with fidelity well within limitations of radio broadcasting into a package about the size of half a pack of playing cards. When inserted into proper machinery the tapes will reproduce talks up to 60-minutes in length. Nall said that equipment is obtainable for 90-minute and two-hour recordings.

Nall said that the equipment was purchased chiefly for the medical center which plans to use about 5,000 of the cassettes annually. They will be sent to hospitals on the tela-talk hookup through which illustrated information of timely nature is made available to hospitals and physicians of the state. The cassettes will enable the hospitals to retain the spoken part of the lectures for future use or for presenting to physicians and hospital staff members unavailable for the tela-talk.

Nall said that language laboratories and the correspondence study department of UMC also use the tapes in their instructional programs.

The cassettes require proper play-back equipment — most radio stations

reportedly have such equipment — for proper reproduction. For instructional purposes, the tapes may be used in conjunction with slides or movies for even greater effectiveness.

Advantages of the cassettes include their size, both for storage purposes and reduced expense of mailing in comparison with larger, heavier and more cumbersome reels of film, and the cost. A one-hour cassette costs about \$1.

The voice is recorded on an one-eighth inch tape — radio normally uses reels with tape one-fourth inch or larger in size — and the cassettes are packed so that no re-winding is necessary. The hour-long lecture will be repeated without effort on the part of the operator of the play-back equipment.

Two Additions Dedicated At Medical Center Sunday

Congressman William R. Hull Jr., (D-6th District) of Weston, was principal speaker last Sunday at the dedication of two new additions to the Medical Center — a nine-bed clinical research center and multi-disciplinary laboratories for 224 medical students.

"Over the years it has become apparent that the laboratory research and clinical investigation of today becomes the diagnostic methods and the remedial treatment of tomorrow. Virtually every promising new theory, procedure, drug or instrument that evolves from labor work must be subjected to painstaking clinical evaluation before its general usefulness can be established. Most of such clinical evaluation must be and should be done within a hospital setting," Hull said, concerning the clinical research center.

"Within these walls I anticipate, along with all of you, new training opportunities for professional, technical and paramedical personnel and even more intensive research into the mysteries of disease. Most of all, I anticipate the brighter future your new center will offer those who will come here for treatment."

Dr. William R. DeCesare, chief of clinical research centers, division of research resources for the Department of Health, Education and Welfare, attended the dedication. Congressman Richard Ichord, (D-8th District) of Houston, introduced Congressman Hull.

Dr. William D. Mayer, dean and director of the Medical Center, presided at the dedication; Dr. Vernon E. Wilson, vice president for academic affairs, and Dr. John W. Schwada, chancellor for the Columbia campus, made special remarks. Also taking part were the director of the clinical research center, Dr. John F. Maher, professor of medicine, and the multi-disciplinary laboratory director, Dr. Donald A. Senhauser, professor of pathology.

The center is being used to develop new means of treating a variety of disorders under carefully controlled conditions. The costs of construction, equip-

ment, staffing, and operation of the center are being supported by grants from the National Institutes of Health. The most recent grant includes \$175,168 for a one-year period from October, 1969, through September, 1970. Grant funds also provide for the hospitalization costs of any patient agreeing to take part in clinical research at the center.

The center now includes nine beds for the treatment of children and adults. Also included are: a nursing station, patient lounge, treatment and utility rooms, a metabolic diet kitchen, and two environmental control rooms with shielding on the windows, doors and in the walls to prevent outside electrical interferences in the use of electro-physical monitoring equipment and core research laboratories. All patient rooms are air-conditioned and have humidity controls.

The laboratories represent the core in an innovative approach to the education of future physicians at the Medical Center. Under development over the last three years, the labs were built with funds from the Bureau of Health Manpower. The labs opened in mid-September of this year to provide each first and second year student with a separate laboratory and study area that is available to him 24 hours a day.

Personnel

(Continued from Page 1)

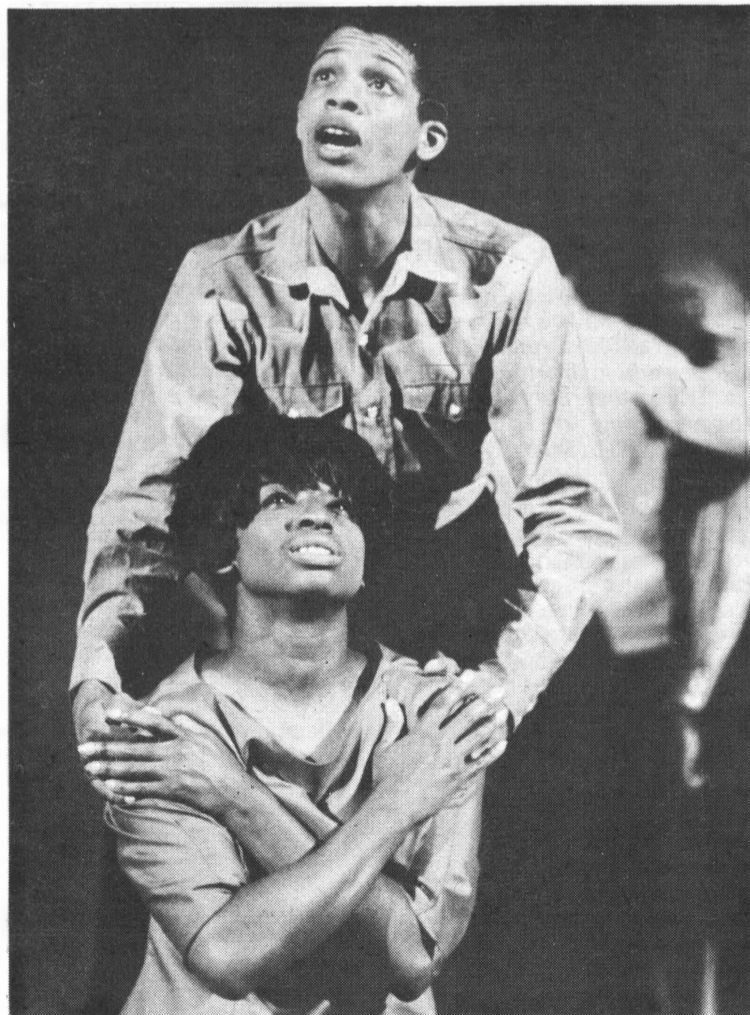
payroll should be raised first with the department head. If the department has failed to furnish payroll with information on the number of hours worked and other information, payroll can't answer questions. If proper papers have cleared the department, the department head might straighten out any difficulty with a telephone call. At least the call will put proper machinery in order to straighten out problems.

Initial checks for new workers may not be ready for distribution on their first payday. In the case of the appointed staff the payroll office is provided an advance copy of pending appointments, stating salary and terms, before a new employee formally clears administrative hurdles. Checks are written as though the employee's papers have cleared channels, but can't be distributed until payroll is notified by the secretary of the Board of Curators that the appointment has cleared — and until the W-4 form is on file.

Actual preparation of checks is by Data Processing. It requires three working days to do all the keypunching and printing of checks. Each of the checks carries a facsimile signature of Ray Bezoni, University comptroller. Some years back when employee numbers — and budgets — were a fraction of those today, a University official concocted a device which enabled him to sign three checks at once as a time-saving method. Data processing has made his invention obsolete.

Cook said that about the only time an employee needs to get in touch with payroll is when a mailed check fails to arrive on time. In that case, get in touch with his office immediately. Otherwise, time and possibly tempers can be saved by getting in touch first with the department heads.

Cook, who reports to Don Hoehle, fiscal business officer, is assisted in his office by Jimmy Robinson, assistant payroll director; Juanita Bishop, supervisor of payrolls, and Margaret Peabody, supervisor of student accounts. Miss Peabody is the senior employee in point of service, with tenure dating back to 1946. Cook, who worked in the cashier's office as a student, spent three years teaching before returning to the University in 1959 to work as assistant cashier for two years, as supervisor of student accounts for one year, and, since February, 1962, as director of payrolls.



THE BELIEVERS, to perform at 8 p.m., Oct. 23 in Jesse Auditorium, is an off-Broadway group that has been referred to as "the Black Experience in Song." It is also the Black Experience in dancing and acting, and it sets forth the history of the Negro in America. The performance is sponsored by Student Activities. Tickets are now on sale at the Memorial Union ticket window for \$1.50 and \$2.

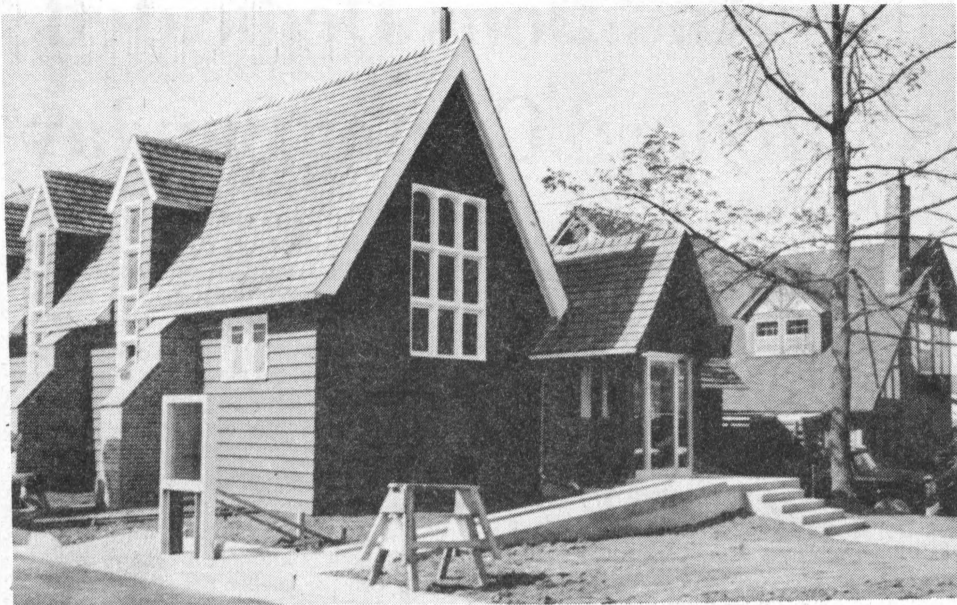
Nursing Talk

Set for Oct. 20

Ernestine Wiedenbach, associate professor emeritus of maternal and newborn nursing at Yale University, will present a University Assembly lecture on "The Meaning of Theory to Nursing Practice," sponsored by the School of Nursing at 4 p.m., Oct. 20 in the Medical Center auditorium. There is no admission charge.

An educator with special interests in clinical nursing, Miss Wiedenbach has written articles which have appeared in national nursing journals and is the author of several textbooks. Her latest book is "Meeting the Realities in Clinical Teaching." Currently she is learning to write Braille so she will be able to transcribe books for the blind.

Miss Wiedenbach will remain in Columbia through Oct. 21 to conduct a workshop for the faculty of the School of Nursing.



New Personnel Office Headquarters on Hitt Street

Personnel Services Has New Home on Hitt Street

The Columbia Personnel Service Office has a new location at 307 and 309 Hitt Street.

The move provides much needed additional space for Personnel Services and alleviates parking and access problems that formerly existed for UMC staff, visitors and job applicants. All UMC Personnel Services except the Stenographic Services are housed at the new location. Stenographic Services will stay in its present location on Fifth Street. It is anticipated that they may also move to Hitt Street later but there are no plans for this in the immediate future.

University-wide Personnel Services remains on 8th Floor Lewis Hall. The Hitt Street location for Columbia Campus will help establish its separate identity, role and functions.

The University purchased the facilities from the United Church of Christ of Columbia last May. The structure (309 Hitt) was originally called the Evangelical and Reform Chapel and was

built in 1932. The residence (307 Hitt) was acquired by the church in 1950. The chapel survived a serious fire in December, 1965, and when a new church was built elsewhere the chapel and residence were sold to the University.

University Personnel Services has been housed in Jesse Hall from its beginning as a separate function in 1959 until December, 1965, when the offices moved to the Professional Building and in August, 1966, moved to Lewis Hall. C. B. Strawn became the first campus personnel officer in May, 1967.

Personnel Services is responsible for all aspects of personnel administration for all UMC's approximately 5,000 staff service and support personnel. This includes recruiting and assisting departments in hiring personnel, administering the University's staff benefits program and maintaining master personnel records for all UMC employees. It is also responsible for UMC wage and salary administration, job classification and stenographic services.

The employment, staff benefits and records section will be housed at 309 Hitt. Campus Personnel Officer, the Assistant Personnel Officer and their secretarial staff will be located at 307 Hitt.

"We've been looking for a place like this for a long time," says Strawn. "Now we'll be on the ground level making us more accessible to job applicants, and we'll also have fewer parking problems than we had at Lewis Hall."

17 Disadvantaged Persons On Local Work Program

Seventeen Columbians will begin working at UMC this month as part of a program geared to developing the work skills of disadvantaged people.

The program is being sponsored by the Columbia Public Schools. UMC is providing work locations. The program is similar to "Project 20" which began last June.

Project 20 was a 16-week clerk-typist work-study course which provided 20 disadvantaged people with a job, 340 hours of classroom training in clerical skills, and 300 hours of on the job training with UMC departments.

Seventeen of the 20 completed the original program and a luncheon was held in their honor Sept. 19. Twelve of the 17 have already been placed in permanent jobs. Project 20 was considered successful and the new program was initiated.

The new project, which will begin near the end of October, will be structured similar to Project 20. The Adult Education Department of the school system will select and provide orientation and course instructors for the program. UMC will develop opportunities for on-the-job training.

three will serve as a source of supplies.

Thirty-four UMC departments have requested clerical aid under the new program. The workers will go to the first 17 requesting departments.

At completion of the program, the department in which the person has worked receives first choice for employment on a full-time basis. UMC will attempt to locate permanent employment for each of the persons who complete the course.

Office Course Still Open For Employees

Registration is still open for two of the three sessions of the office procedure courses, says Dean Baxter, assistant manager of employee training.

The course outlines the functions of nine University departments and their services, and provides information on completing and forwarding correspondence forms and other paperwork involved by these departments.

The course is directed mainly to clerical employees who have been with the University for less than six months. Any interested person, however, can attend any or all of the sessions.

The purchasing, audio-visual and personnel departments will be discussed in a meeting from 2:45 to 5 p.m., Oct. 24 at Arts and Science Auditorium.

Technical Education Services, publications and accounting will be discussed in a session from 2:45 to 5 p.m. Nov 14 at Arts and Science Auditorium.

The physical plant, bookstore and payroll department were discussed at a session Oct. 17.

Registration must be approved by the employee's dean, director, department chairman or his designated representative, before being submitted to Dean Baxter, 8th floor, Lewis Hall, 449-8311.

Dobinson Given English Cross

An English educator, who spent several summers as a visiting member of the UMC education faculty, received a Cross of St. Michael and St. George on the Queen's birthday honor list in London during the summer. The decoration is rated next to knighthood.

The award went to Dr. C. H. Dobinson in recognition of his service on the Bango Commission, which reorganized education in Nigeria.

Dr. Dobinson retired in 1968 as a member of the University of Reading faculty.

Safety News & Views

Waiting Period Under the Workmen's Compensation Law

Section 287.160 of the Missouri Workmen's Compensation Law provides that no compensation shall be payable for the first three days or less of disability unless the disability lasts longer than four weeks. This is true except as provided in Section 287.140 which provides for medical expenses and other services such as transportation as a result of the accident.

The first day of the waiting period is the first day of disability that the injured employee does not receive a regular day's pay from the University. Payment

for sick leave, vacation or for an official holiday is not considered in determining regular pay.

Compensation is payable on the basis of 66 and two-thirds of an employee's average weekly earnings but not to exceed \$57 weekly, nor be less than \$16 weekly.

Employees are held responsible to report over-payments just the same as they would report receiving less than the amount to which they are entitled. Questions with regard to the foregoing should be directed to Bruce Gray, Business Office, 11 Jesse Hall or to your campus safety representative.

Recipe Of The Month

Josephine F. Flory, Extension nutritionist, says apples are in abundance in October. She recommends the following recipe for a family treat; it freezes well, too, and could therefore be saved for good eating during the holidays.

APPLE NUT BREAD

Mix together thoroughly two-thirds cup sugar, one-third cup shortening, 2 eggs. Stir in 3 tbsp. sour milk or buttermilk, 1 cup grated apples (unpared).

Sift together and stir in:

1 tsp. baking powder

2 cups sifted flour

½ tsp. soda

½ tsp. salt

Blend in ½ cup chopped nuts.

Pour into well greased 9 x 5 x 3 inch loaf pan. Let stand 20 minutes before baking. Bake 50-60 minutes at 350 degrees. Serve warm or cold.

(Do you have a favorite recipe you'd like to share with Campus Columns readers? Send it to Campus Columns, 223 Jesse Hall, 449-9189.)

Night Course Enrollment High This Semester

More than 200 employees have enrolled in night school courses offered through the training section of the personnel office this semester at Hickman High School and on campus.

Seven of the 13 courses are filled to capacity, reports Dean Baxter, assistant manager of employee training.

The classes are held for employees one night a week for ten to 12 weeks. There is no charge for the courses.

Beginning in January, some continuation courses will be offered, including Intermediate Shorthand, Intermediate Typing, Computer Programming II, Rapid Reading and two Janitorial Training Courses.

Courses being taught at present include Accounting, Beginning Shorthand, Beginning Typing, Business English, Certified Professional Secretary Review, Clerical Review, Computer Operation Programming, High School Equivalency, Magnetic Tape Selectric Typewriter, Medical Terminology, Rapid Reading, Janitorial Training—General Duties, and Janitorial Training—Floor Maintenance.

Shull to Give Stewart Lecture Here Oct. 24

Dr. Clifford G. Shull, professor of physics at Massachusetts Institute of Technology, will present an O. M. Stewart Lecture at 4 p.m., Oct. 24 in 120 New Physics Building. He will speak on "Neutrons and Perfect Crystals."

The lecture is being sponsored by the department of physics and will be open to the public.

Dr. Shull, who has been with MIT since 1956, was previously research physicist from 1946 at Oak Ridge National Laboratory, where his research work was concentrated on using the slow neutron radiation from the Oak Ridge X-Pile in the development and exploitation of the neutron diffraction technique. His work at MIT includes the training of advanced students in the area of neutron physics and neutron diffraction as applied principally to problems of solid state physics.

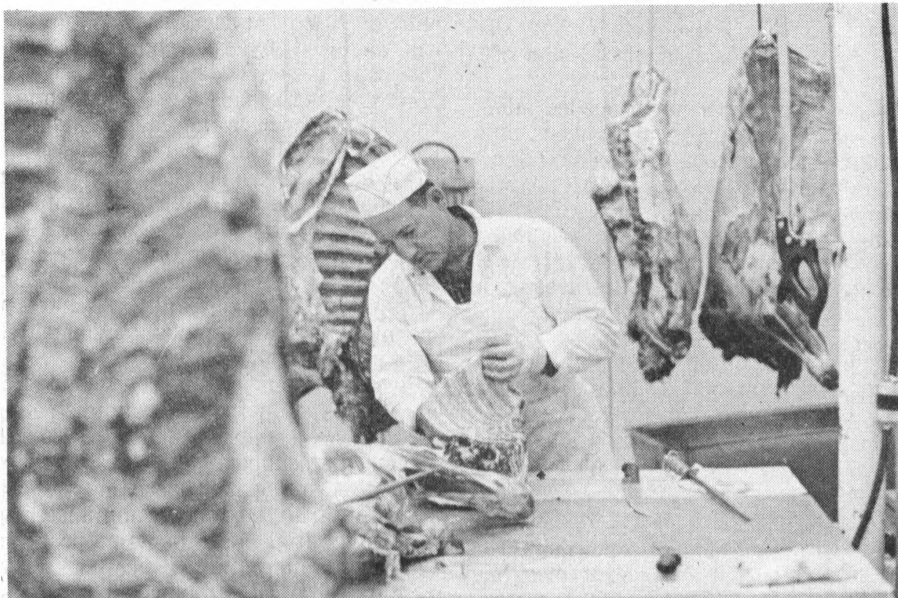
He holds a B.S. from Carnegie Institute of Technology and a Ph.D. from New York University. He is author of more than 70 research publications, principally for research journals, and has lectured at national and international conferences in France, Germany, Belgium, Sweden, Japan and Italy.

Square Dance Club To Meet Bi-Monthly

Caps and Gowns Square Dance Club meets twice a month on Saturday nights. Membership is open to all faculty and staff of the University. Dues are \$5 per year with a charge of \$1 per couple an evening. Beginners class meets at 7:30 p.m. at 208 Brady Commons. The next dance is Oct. 25.

Square dancing has become an increasingly popular form of relaxation and entertainment. Caps and Gowns would like to extend an invitation to all interested persons to visit the club.

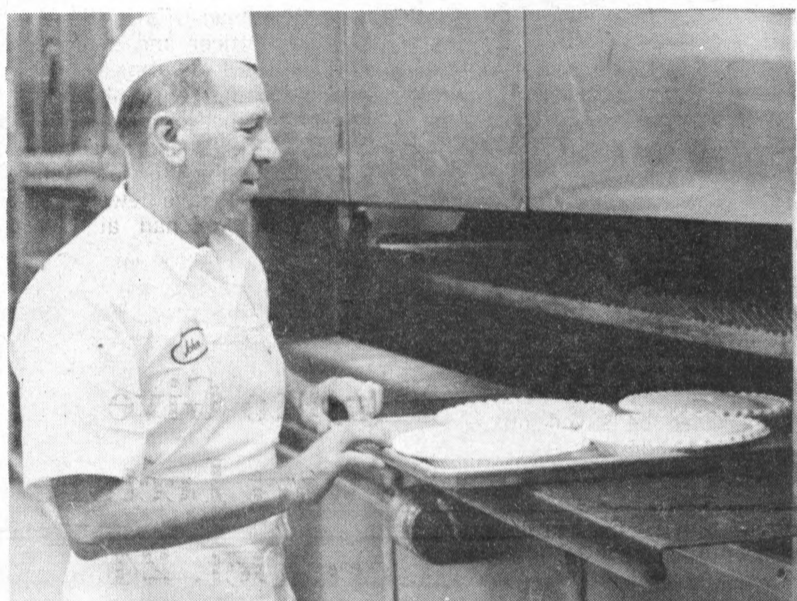
Food Service...



D. W. Fox butchers meat

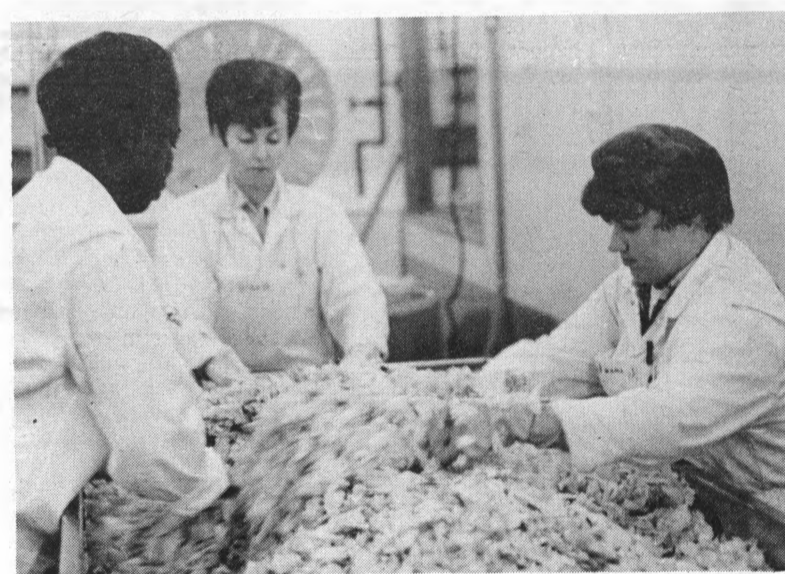


Tom Mustain prepares a shipment of canned goods



John Cathey bakes pies

The business of serving 18,000 meals a day in UMC residence halls is a big time job. It all begins at the Central Food Stores on the Columbia campus, which processes meat, vegetables, fruit and canned goods to be supplied to all four campuses. Besides residence halls on the Columbia Campus, Central Food Supplies the Medical Center, Memorial Union and Brady Commons. About 140,000 heads of lettuce, 80,000 pounds of tomatoes and 400,000 pounds of meat are needed each year—a few examples of the food volume of UMC. The Bake Shop, located in Bingham Group, prepares 55 sheets of brownies for one lunch service. About 250 fulltime and 250 part-time employees are employed by Food Service to prepare and serve meals—providing energy for an energetic campus.



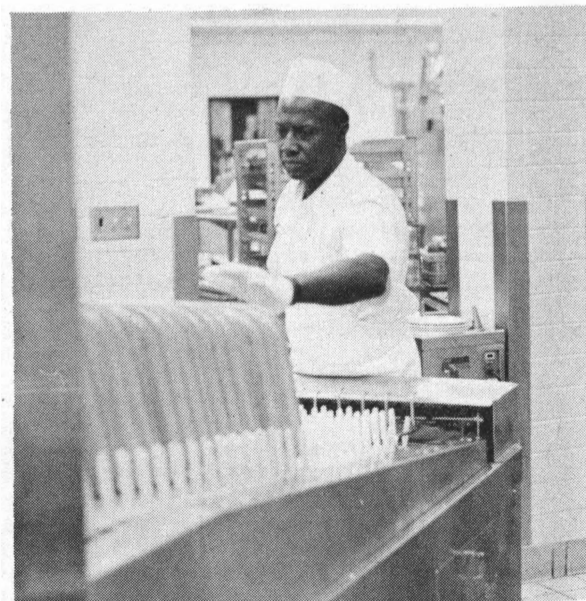
Rosie Stevens, Wonda Mills and LaVerne Perkins toss salad



Mary Margaret Estes prepares a batch of soup



Velma Davis and Edna Brown serve students



Willie Brown readies dishes for another meal



Bill Wyatt at his press

Job in Spotlight

Wyatt 'Registers' Well On Job, Links, Range

Precision plays a big part in the daily work and the hobbies of Bill Wyatt, assistant press foreman at Technical Education Services. As the operator of one of the two large printing presses in the plant, his responsibility is to achieve what pressmen call perfect "register" in a variety of printed products, some of them multi-colored and intricate in design.

When day is done and he has the time, Bill takes up his favorite recreational pursuits—archery and golf. In each there is a need for pinpoint precision, but Bill has more control of this elusive element in the pressroom than on the range or links.

At 33, Bill Wyatt is a veteran of 10 years at "Tech Ed" and except for teenage employment on a paper route and in a cafe it is the only job he has held—and possibly the only one he has wanted. A quiet worker, Bill is less inclined to talk about himself than are his co-workers and other associates. The consensus is that he's a highly skilled pressman, one of the very best around. And it's obvious to all that he enjoys his work and takes pride in it.

Bill is a solid example of the successful on-the-job-training product. He traces his interest in press work directly to the COE (Cooperative Occupational Education) program in high school. His instructor, at Columbia Hickman High, was a former linotype operator who never lost his fondness of the printing game. He urged several of his students

to consider it as an occupation, and in Bill's case the idea stuck. The instructor was instrumental in getting the high school senior a part time job at hourly rates at Tech Ed, then known as Photo Service.

Throughout his senior year Bill worked there after school, usually taking papers from a folder machine and doing other chores in the bindery section. After graduation from Hickman in 1954, he began an apprenticeship on a small offset press called multi-lith, and later operated it for six years. He has been handling a large sheet-fed press, the Harris, for more than seven years. During this latter period he was made assistant foreman in the pressroom, and on occasion serves as head man in the absence of the regular foreman.

In the pressroom and the offices of Tech Ed it is commonly acknowledged that Bill Wyatt has a master's eye in the handling of color printing. Because of his varied skills it is his press that turns out most of the most difficult printing jobs.

It is also agreed that Bill has some other things to go along with his technical ability—all of them such old fashioned attributes as dependability, quiet efficiency, devotion to his job and pride in his work.

These contribute to fine press work, too.

Mrs. Wyatt is the former Patsy Elder, who is employed by MFA Insurance Companies. They have a son, Dennis, 10.

UMC's 58th Homecoming

To Be Held Oct. 31—Nov. 1

UMC will host its alumni Oct. 31 and Nov. 1 as UMC's 58th anniversary of Homecoming is held. Alumni traditionally look to Homecoming as the best time to return to their Alma Mater.

The first Homecoming weekend on record here — and one of the first anywhere—was held Nov. 25, 1911, when alumni were invited to attend a game between the Missouri Tigers and the Kansas Jayhawks.

That was the first time the border rivals met on one of their campuses. During the first twenty years of the series, the game was held 19 times in Kansas City and once in St. Joseph.

Chester L. Brewer, then director of athletics at Missouri, conceived the idea of making this a "Coming Home" game and inviting alumni to return to their Alma Mater and join in the festivities.

The game ended in a 3-3 tie, but the tradition had been set, and every year since then (with the exception of 1918 when World War I wiped out the entire national schedule) the Mizzou Tigers have been celebrating Homecoming.

Statistics favor the Tigers in Homecoming clashes. Mizzou has won 35 of the games, lost 19 and tied three. The Jayhawks have provided the competition 25 times. The only opponent ever to participate in a Homecoming game outside the Big Eight was Texas in 1916, and Missouri won 3-0.

This year the Tigers will meet the Kansas State Wildcats. It will be only the second Homecoming clash with the "Cats" — Missouri won the initial contest in 1967. Missouri's overall record against K-State stands at 37 wins, 13 losses and four ties.

The theme of Homecoming, 1969, is

"Same Ol' Tail: Tigers Win—Wildcats Wail!" The theme will follow a Monte Carlo gambling atmosphere. Events including house decorations, parades, a class reunion, a play, a dance, a speaker and, of course, the football game will comprise Homecoming 1969 in Columbia.

Hibbs to Speak

Here Oct. 21

NASA's Jet Propulsion Lab senior staff scientist, Dr. Albert Hibbs, will speak on "Looking into Space" at 8 p.m. Oct. 21 in Jesse Auditorium.

Hibbs is the fourth in a series of speakers sponsored by Student Activities. His talk is open to students, faculty and staff members without charge although persons interested in attending must pick up tickets Oct. 20-21 at the Memorial Union ticket window.

One of the men responsible for the country's first satellites and space probes, Hibbs directed the creation of the television cameras which gave U.S. scientists and others their first look at the moon. He also was instrumental in creating instruments which made the first close observations of neighboring planets possible.

Hibbs most recently worked with the Mariner project which successfully returned photographs from Mars.

Although deeply involved with the space program's technical parts, Hibbs has worked closely with school boards and civic groups to help spread public understanding of science and engineering.

The Junior Chamber of Commerce cited him as one of the outstanding young men of California, and the Jewish War Veterans of the USA honored him for "his contribution to human relations in science."

For the past four years, the NASA scientist has been host on NBC's award-winning educational television program, "Exploring." NBC's science editor, he describes the latest scientific events each week on his radio show entitled, "World of Science."

Hibbs was trained at the California Institute of Technology as a theoretical physicist.

Need a Ride?

Do you need a ride to and from work? Do you need another rider in your car pool?

Beginning with the November issue, Campus Columns will list those persons needing rides or riders. To be listed submit your name, phone number, point of departure and destination and whether you need a ride or rider to Campus Columns, 223 Jesse Hall, by Nov. 7

Tentative Homecoming Schedule

Oct. 20—8:15 a.m.—Tickets for all Homecoming events go on sale. (Memorial Union ticket window 8:15-Noon and 1:00-4:30 Monday-Friday)

Oct. 22—9:30 p.m.—Announcement of Queen winner. (Small Ballroom, Memorial Union)

Oct. 31—10:40 a.m.—Jean Shepherd to speak (Jesse Auditorium)—4-6 p.m.—Judging downtown decorations.—6-9 p.m.

—Judging house decorations.—10 p.m.—Bonfire pep rally. (East Stadium Parking Lot) Decoration winners are announced.

Nov. 1—9 a.m.—Parade and float judging.—1:30 p.m.—Kickoff, Missouri vs. Kansas State. (Memorial Stadium).—8 p.m.—Play, "Man of La Mancha." (Jesse Auditorium).—8 p.m.—Dance (Rothwell Gym)

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Musical Play 'Man of La Mancha'

To Be Performed Here Nov. 1

"Man of La Mancha," a musical play by Dale Wasserman based on the life and works of Miguel de Cervantes y Saavedra (1547-1616), will be presented by Student Activities at 8 p.m., Nov. 1 in Jesse Auditorium.

National Performing Arts company will perform the play, which will highlight Homecoming Weekend. Tickets will go on sale for \$3.50, \$4 and \$4.50 Oct. 20 at the Memorial Union ticket window.

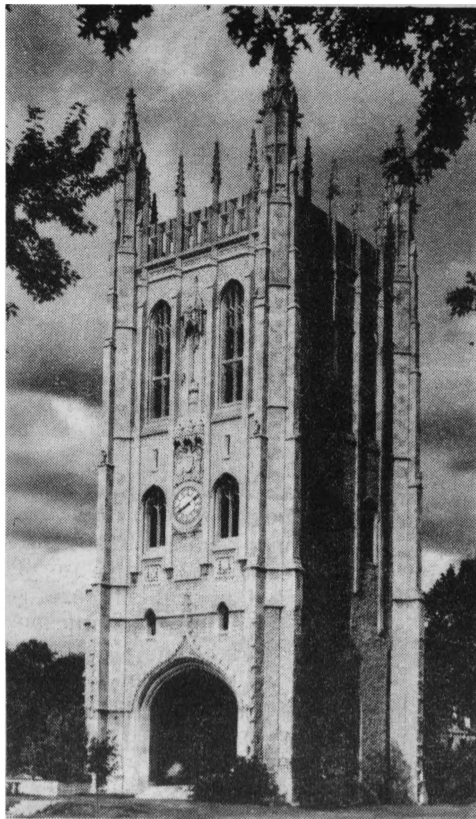
All the characters in the play are imprisoned in a dungeon in Seville at the end of the 16th Century. The entire action takes place there and in various other places in the imagination of Miguel de Cervantes.

Cervantes' life is only sparsely documented. It is known that he was born in 1547 to a proud but impoverished

hidalgo family. He was a soldier, suffered serious wounds at the battle of Lepanto, was taken captive and spent five years as a slave in Africa.

He loved the theatre, and in 20 years wrote 40 plays, none of which were successful. In 1597, he was excommunicated for "offenses against His Majesty's Most Catholic Church." He served at least three and possibly five terms in prison on various charges.

Aging, infirm and a failure, he wrote Volume One of Don Quixote to make money in 1605. It brought him fame, but little money. Volume Two, appearing ten years later, insured his immortality as author of the world's greatest novel. He died in 1616, broken in body and in spirit. His burial place is unknown.



Memorial Tower — 1922-52

Educational Assistance Attracts 246

The educational assistance program for full-time employees of the University resulted in enrollment of 246 Columbia campus and University-wide staff members for courses during the fall semester.

Both William D. Poore, director of personnel service, and C. B. Strawn, personnel officer, were pleased with the enrollment turnout. Both believe the total is larger than it would have been had not the Board of Curators authorized the program.

Because announcement was not made until August may have precluded others from taking advantage of the program, which enables employees to enroll as students and pay only 25 per cent of the student incidental fee—or pay no fee at all if the employee only audits the course.

Poore reported that enrollment included 114 administrative, service and support personnel from the Columbia campus; 40 non-academic employees on the University-wide staff; 70 members of the UMC faculty, and 22 members of the University-wide faculty.

The total was compiled as of Oct. 10, and Poore said that other enrollments may show up at a later date.

The new program was adopted after the close of pre-registration, and several of the employees who enrolled had already paid full fees. They were refunded 75 per cent of incidental fee paid after filing proper papers. Those who enrolled during regular registration paid only the reduced fees.

Both Poore and Strawn expect enrollments will increase in the future. Poore said that he expects the new program will be effective in recruiting staff members, a fringe benefit that will prove

(Continued on Page 4)

From the Chancellor

In a few days we shall be observing one of our truly traditional American holidays, Thanksgiving. This day was set aside by our founding fathers as a time to reflect upon the blessings and benefits of our great land. Among these blessings and benefits is the educational system of the United States of which the University of Missouri-Columbia is a part.

Every faculty member, administrator and support staff member shares in the effort of making our University great. Likewise all share in the benefits that the institution provides. Therefore, it is appropriate that we take this time of reflection to review the results of our efforts. We should be justifiably proud of what has been accomplished. Additionally we must continue to take an active part in the growth and achievements of our University and insure that others are aware of its greatness and value.

With the approach of Thanksgiving Mrs. Schwada joins me in sending our best wishes to all the members of the University community and their families for a most enjoyable holiday period. For those who are traveling — take care and be with us again when the University opens on Monday.

John W. Schwada

Memorial Union

Dream Realized After 47 Years

Historians credit Charles Colvin, an electrical engineering student in 1916 now listed in alumni records as an Albany, Calif., engineer, as the one individual who conceived the idea of a student union on the Columbia campus of the University.

He saw his dream realized, temporarily.

Not so for several generations of students, who waited from erection of the \$288,000 Memorial Tower, dedicated on Homecoming Day, Nov. 20, 1926, until completion of the first of two wings in 1952.

In retrospect and in view of present student mores, perhaps it is just as well that 1920 planners were better dreamers than financiers. Original plans for Memorial Union looked from the outside much as today's building, except perhaps in vastness. But the building planned in the 1920's had separate union buildings for men and women, and

the first floor of the mens' section would have been used mostly for billiards.

The history books relate the Colvin took his dream of a student union to the University president, who urged him to agitate the question among students.

Letters began to appear in columns of the *Missourian*—that was "agitation" of half a century ago—urging establishment of an organization of all students and faculty to carry out building plans.

Colvin apparently organized his campaign well. By spring a student committee was formed to draft a constitution for a proposed Missouri Union. The constitution was unanimously approved. The Alumni Assn. strongly endorsed the movement. The late Robert B. Caldwell of Kansas City, 1903, was elected the first Union President. By May the committee had rented the Columbia Club at the northeast corner of Ninth and Elm streets and it became the center of stu-

dent activities.

A combination of World War I and an influenza epidemic stopped operations of the Union. With the end of the war, however, a union plan was revived.

Students and alumni were recruited and solicited in a financial drive that brought hundreds of thousands of dollars in subscriptions during the early and mid 1920s. When the Union campaign began to lag, it was thought that combining it with a Memorial Stadium drive would appeal to subscribers. It did. The first unit of Memorial Stadium was completed in time for use in the fall of 1926.

Only a few months later, on Nov. 20, 1926, Memorial Tower was dedicated.

Chisled on the interior wall were names of 111 students (five were added later) who lost their lives in World War I. Passers-by developed the custom of tipping hats as they passed through the tower—a custom which broke down when students on campus ceased to wear hats.

The depression and dwindling pledges, despite heroic efforts, delayed the two wings as additions to the tower. Once it was believed that construction start on a wing would inspire individuals to make their pledges. It didn't. The contractor collected for his work more than a quarter of a century later for the foundations he installed for a south wing. The foundations stood as a cheerless weed-filled reminder of a dream yet to be realized.

In the late 1930s, students had a union of sorts. It was a coffee and snack bar in the basement of Read Hall, which by then was converted from womens' dormitory use and became somewhat of a student activities center.

Union plans hung fire through the second World War, but were revived in 1947 by order of the Board of Curators to draw architectural plans for the

(Continued on Page 6)



Vol 1, No. 3

November 14, 1969

Holidaytime

Thanksgiving and the day after have been designated holidays and all University offices will be closed.

If an employee wishes to receive holiday pay for the holiday, he must work the day before and the first working day after, unless excused by the appropriate department head, dean or director. This applies even to those retiring or terminating employment at the end of November.

Other University holidays are:

- Christmas Day and the day after (Dec. 26 has been designated as the floating holiday for 1969-70)

- New Year's Day

Those services which cannot be suspended will be continued during the above holiday periods. An employee who works on a holiday will be paid at his regular rate in addition to his normal pay, or, at his election, allowed to take compensatory time off.

Employees failing to work when scheduled on a holiday, unless excused by the appropriate department head, dean or director, will disqualify themselves for holiday pay.



Memorial Union — 1952-63



Memorial Union Today

Calendar of Events

LECTURES, SPEAKERS

Nov. 17: Fortuna Calvo, editor of "Vision," largest Latin American newsmagazine, to speak on "Issues and Personalities in Latin America." 8:15 p.m., Stephens Assembly Hall, Stephens Foreign Relations Lecture Series; single admission, \$2.

Nov. 19: Reading Hour, an adaption of "The Boys in the Band" by Mart Crowley, 4:15 p.m., Studio Theatre, Fine Arts Building.

Nov. 25: P. S. Snyder, UMC department of chemical engineering, to speak on "Verification of Liquid Models Using PVT Measurements," 3:40 p.m., 267 Engineering Building. Sponsored by the chemical engineering department.

Dec. 3: Jean Houston, director of the Foundation for Mind Research, to speak on "The Varieties of Psychedelic Experiences," 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

Dec. 3: Reading Hour, an original script about the history of the Negro people as seen through their humor, folk-lore, prose, poetry and song. 4:15 p.m., Studio Theatre, Fine Arts Building.

Dec. 9: Dr. Rene Dubos, Pulitzer Prize Winner for "So Human An Animal," to speak at 10:40 p.m., Jesse Auditorium.

CONCERTS, PLAYS

Nov. 16: "A Funny Thing Happened on the Way to the Forum," 9 p.m. Jesse Auditorium. Tickets: \$1. Sponsored by Student Activities.

Nov. 16: Richard Hills, faculty clarinet recital, 8:15 p.m., Recital Hall.

Nov. 18: Eugene Graovich, faculty violin recital, 8:15 p.m., Recital Hall.

Nov. 19: "The Waltz of the Toreadors," French sex farce. Stephens Playhouse Series. 8:15 p.m., Stephens Playhouse. Admission, \$2.

Nov. 19: Debu Chaudhuri, sitar player, 8 p.m., Jesse Auditorium. Sponsored by Student Activities International Programming Committee. Admission, \$1. Tickets on sale Nov. 17-19 at Memorial Union ticket window.

Nov. 19-20: Opera Performance, "Riders to the Sea" by R. Vaughan Williams, and "RSVP or A Musicale at Mr. Califlower's" by Offenbach, 8:15 p.m., Recital Hall. No admission charge.

Nov. 21-22: "Black Comedy," modern slapstick farce. Stephens Playhouse Series. 8:15 p.m., Stephens Playhouse. Admission, \$2.

Nov. 21: Bonnie Bromberg, faculty piano recital, 8:15 p.m., Recital Hall.

Nov. 23: Collegium Musicum Concert, 4 p.m., First Baptist Church. Sponsored by the department of music.

Dec. 3-6, 10-13: "Night of the Iguana," 8:15 p.m., University Theatre. Admission, \$1.50. Sponsored by University Theatre.

Dec. 5: Mariano Parra and his Ballet Espanol, a concert of 18th century, contemporary and flamenco Spanish dances and solo guitar selections, 8:15 p.m., Stephens Auditorium, South Campus. Stephens Dance Series. Season ticket: \$5; single admission, \$2.50.

Dec. 9: Esterhazy String Quartet in Residence Recital, 8:15 p.m., Recital Hall.

Dec. 10: Glee Club Concert, 8:15 p.m., Jesse Auditorium.

Dec. 12: University Chorus Concert, 8:15 p.m., Jesse Auditorium.

Dec. 14: University Singers Concert, 8:15 p.m., Jesse Auditorium.

Dec. 16: University Symphony Orchestra Concert, 8:15 p.m., Jesse Auditorium.

FILMS, EXHIBITS

Nov. 23: Film Classic, "Casablanca," 6 & 8:30 p.m., Jesse Auditorium.

Dec. 7: Film Classic, "From Here to Eternity," 6 & 8:30 p.m., Jesse Auditorium.

Dec. 14: Film Classic, "High Noon," 6 & 8:30 p.m., Jesse Auditorium.

Dec. 14: Anthropology Film Series, "East Africa: Kenya, Tanganyika, Uganda;" and "Blue Men of Morocco," a Walt Disney production, 2 p.m., Memorial Union Auditorium.

To Nov. 28: Exhibit: "Contemporary European and American College," Memorial Union Gallery.

To Nov. 28: Exhibit: "Pocket of Poverty—the Inner City," Brady Commons Gallery.

Dec. 1-19: Exhibit: "Paintings of David Tammany," Fine Arts Gallery.

Dec. 1-20: Exhibit: "International Trends in Printmaking," Brady Commons Gallery.

Dec. 3-19: Exhibit: "Stained Glass Windows," Memorial Union Gallery.

CONFERENCES, INSTITUTES

Nov. 18: Air Pollution Conference, 8 a.m., Memorial Union. Sponsored by the College of Education.

Nov. 20-21: Farm Managers and Rural Appraisers Conference, 11:30 a.m., Memorial Union.

Nov. 21-22: Bi-State Slavic Conference, 8 a.m., Memorial Union. Sponsored by the Soviet Area Studies Committee.

Nov. 22: Labor Education Arbitration Conference, 8 a.m., Memorial Union. Sponsored by the Labor Education Program.

Nov. 22: State Young Farmers Meeting, 8 a.m., Electrical Engineering Auditorium.

Nov. 24-25: Conference on Collective Bargaining in Public Employment, 8 a.m., Memorial Union. Sponsored by the School of Law and the Labor Education Program.

Nov. 25: Annual Tax Seminar for Businessmen, Memorial Union.

Nov. 30-Dec. 1: Annual Florist Conference, 8 a.m., Memorial Union.

Dec. 1-2: Public Health Education Conference, 8 a.m., Memorial Union.

Dec. 4-5: Construction Conference, 8:30 a.m., Memorial Union. Sponsored by the department of civil engineering.

COURSES, WORKSHOPS

Nov. 17, Dec. 1, 15: Orientation for New Employees, 2 p.m., S204 Memorial Union. All new employees should attend one session. Sponsored by Personnel Services.

Nov. 19-20, Dec. 3-4: Rapid Reading Short Course, sections I and II, 7 p.m., 1 Hill Hall. Sponsored by Testing and Counseling Service.

Dec. 1-5: Computer Error Analysis, 4:30 p.m., 111 Math-Sciences.

Dec. 1-19: Fortran Short Course, 4:30 p.m., 13 Math-Sciences.

Dec. 1-12: Job Control Language, 4:30 p.m., 220 Math-Sciences. Sponsored by the Computer Center.

Dec. 1-19: PL-I Short Course, 110 Math-Sciences.

Dec. 3-4: Dynamics of Distribution Analysis. Sponsored by the department of agricultural economics.

Dec. 5-6: Gymnastics Workshop for Men and Women. Sponsored by the College of Education department of health and physical education.

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SPORTS

VARSITY FOOTBALL

Nov. 15 — Iowa State at Ames
Nov. 22 — Kansas at Lawrence

FOOTBALL FLASHBACKS

To be shown at 7:30 p.m. on dates indicated, in Jesse Auditorium. No admission charge. Sponsored by Student Activities.

Nov. 18 — Iowa State
Nov. 25 — Kansas

VARSITY BASKETBALL

Home games beginning at 7:30 p.m.:

Dec. 1 — University of Arkansas
Dec. 6 — Indiana University
Dec. 9 — St. Louis University
Dec. 13 — Northern Michigan University
Dec. 17 — Colorado State University
Jan. 5 — University of Kansas
Jan. 17 — Iowa State University
Feb. 2 — University of Colorado
Feb. 9 — University of Oklahoma
Feb. 16 — Kansas State University
Feb. 21 — Oklahoma State University
Feb. 28 — University of Nebraska

FRESHMAN BASKETBALL

Home Games:

Dec. 6 — Quincy Junior College
Dec. 9 — St. Louis Junior Varsity
Jan. 5 — University of Kansas
Jan. 17 — Iowa State University
Feb. 2 — Sedalia State Fair Community College
Feb. 9 — Hannibal LaGrange
Feb. 21 — Forest Park Junior College
Feb. 28 — University of Nebraska

VARSITY WRESTLING

Home Games:

Dec. 19 — Forest Park Community College (7:30)
Jan. 9 — Kansas State University (7:30)
Feb. 4 — University of Illinois (7:30)
Feb. 18 — Northwest Missouri State (7:30)
Feb. 25 — Western Illinois University (7:30)
Mar. 5 — Southern Illinois University (7:30)

VARSITY SWIMMING

Dec. 5 — University of Arkansas at Fayetteville
Dec. 11 — Iowa State University at Ames
Dec. 12-13 — Big Eight Relays at Iowa State
Dec. 18 — University of Alabama at Alabama
Dec. 19 — Ft. Lauderdale Swimming Hall of Fame

Havener Now in Charge Of University's Archives

What is an archivist? Many people probably don't know. Even those who do know often have an image of a little old man hunched over a pile of old records in some back room.

That's definitely not so today. Today, an archivist is an important part of his organization's administration, acting as a reference source and a historian—a man who is a centralized source of information about the organization.

Now, for the first time, the University of Missouri has an archivist, Ralph S. Havener, on its staff. Havener will set up a centralized archive containing information about all aspects of the University's development since its founding.

Havener's University-wide responsibilities are to collect and preserve the University's official records and other materials which contain evidence and information about its origins and development and the achievements of students, faculty and officers.

"Actually, my job is to provide the University Archives and Records Committee with technical assistance," says Havener. "I've been here such a short time however, I'm still in the process of learning about University organization and history. I'm also presently working



RALPH HAVENER

on rules and regulations for the Committee about obtaining materials for the archives."

When the archives are established, department chairmen may appeal to the Archives and Records Committee for permission to dispose of records. The records will then be studied by Havener, who will make recommendations on what to keep in the archives.

Until a few years ago, the University stored records in an old building behind the power plant but this was razed when the Technical Education Services building was built there. Records then were returned to the originating departments for storage.

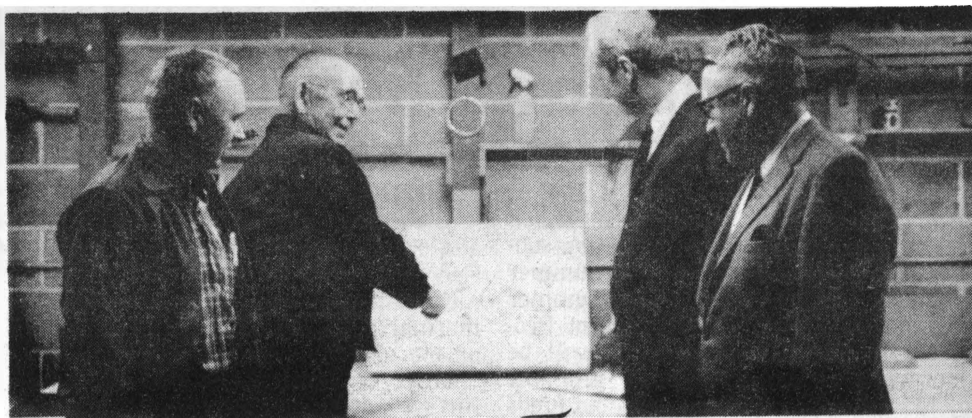
Many times records are lost because they are stuck in the back of some forgotten file cabinet in various departmental offices and ultimately thrown away because more space is needed and their value is not recognized.

The establishment of a central archive will end this problem and make records and information which is otherwise lost available to administrators, students and historians—anyone who has need of it.

The first big problem facing Havener as University archivist is simply to find appropriate space to establish an archive. Building space with high ceilings for record storage are hard to find since space for such facilities is at a premium.

Present, former and retired faculty members and administrative officers are encouraged to place their papers in the University Archives to ensure documentation of their role in the development of the University and its programs. Likewise, families of deceased faculty and staff are encouraged to give professional papers to the University for preservation.

President John C. Weaver has noted that universities throughout the nation are recognizing the need and value of having an archivist on the staff. Such a centralized source of information is invaluable to a large organization like the University of Missouri.



Roy Henry, second from left, incinerator operator for 22½ years, retired Oct. 31. Fellow employees threw a party in his honor. Shown with him here are Jack Ravencraft, assistant working foreman in charge of trash detail, L. C. Maddox, supervisor of buildings and grounds, and Dick Dunn, campus shop foreman.

Retirements

Horace M Hunt, director of Extension, Cass County, retired Oct. 31 after 36 years with the University. He began as county Extension agent in December, 1933, and was named director of Extension in March, 1962.

Lester O. Akers, area youth agent in Bloomfield, retired Oct. 31 after 24 years service. Akers started with the University Oct. 15, 1945, as associate County agent and was promoted to state club agent, Extension assistant professor, in 1946. He was named state 4H club agent in 1954 and state 4-H club agent, associate professor of Extension education, in 1960. In 1962 he was named Extension youth specialist and then assumed his present position of area youth agent in 1967.

Jack Taylor, information specialist III in the office of public information, will retire Jan. 31, 1970, after 21 years with the University. Taylor was first hired as assistant director of OPI Feb. 1, 1949, then became assistant to the director of alumni activities in July, 1954. He was named assistant director of alumni publications in 1964. He became assistant director of OPI in 1966 and information specialist III in July, 1969.

Oliver Fink will retire Dec. 31 after 12 years with the University. He started with the University as assistant director

of the office of public information July 15, 1957, and has remained in that position for 12 years.

English Lecture Series Features Prof. Anderson

The second annual series of lectures in literature and language presented by the English department resumes Nov. 17. On that date Donald Anderson, UMC professor of English, will speak on "Elizabethan Drama: Variety and Unity?"

Monthly lectures through May are scheduled, all beginning at 8 p.m. in Memorial Union, followed by coffee and reception. Lectures are held on Mondays in the Small Ballroom except in March, when the Large Ballroom will be used. The program has been made possible largely through alumni gifts to the Columbia Campus Development Fund and through Literary Hour.

Subsequent lectures include:

Dec. 8 — Rowland Collins, professor of English, University of Rochester, "The Scholarly Commitment of Alfred the Great."

Feb. 16 — Nathan A. Scott, Jr., professor of Literature and Theology, University of Chicago, "The Decline of the Figural Imagination and the Rebirth of 'Savage Thought'."

March 16 — Mark Schorer, professor of English, University of California — Berkeley, "The Rising Phoenix: D. H. Lawrence, an Assessment."

April 13 — Howard Fulweiler, UMC associate professor of English, "Gerard Manley Hopkins: '19th-Century Problem in Language and Theology?'"

May 11 — Roger Meiners, UMC associate professor of English, "The Way Out."

The series was opened in October by Julian Markels, professor of English, Ohio State University, speaking on "The Humanities and the Cry for Relevance."

Calendar of Events

(Continued from Page 2)

Dec. 9-10: Warm Air Heating & Air Conditioning Short Course.

DEADLINES, OTHER EVENTS.

Nov. 19: Deadline for registration for Intramural Table Tennis Singles.

Nov. 21, 28, Dec. 7, 12, 19: Public Telescope Observing Nights, 8 p.m., 505 New Physics Building.

Nov. 22: University Club bus trip to Kansas-Missouri football game. Contact Bob Casati, 449-9171, to make arrangements.

Nov. 26: Thanksgiving vacation begins, 12:30 p.m.

Dec. 1: Classwork resumes, 7:40 a.m.

Dec. 1: Deadline for stories for next Faculty Bulletin, noon.

Dec. 3: Fortnightly "Nutcrackers Sweet" Christmas luncheon, 12:15 p.m., Memorial Union.

Dec. 9: Faculty-Administration Quiz Bowl, 7:30 p.m., Memorial Union Auditorium.

Dec. 12: Deadline for stories for next Campus Columns.

Dec. 20: Christmas vacation begins, 12:30 p.m.

Basketball Tickets on Sale

To All Full-Time Staff Members

The committee on Intercollegiate Athletics has authorized the sale of season basketball tickets to full-time members of the University staff at the student rate of \$6. Season reserved seats are \$4 extra—(\$10).

This offer is limited to the staff member and the members of his immediate family. Children below junior high school age must be accompanied by and sit with an adult. The price of this ticket to the general public is \$16.

Season tickets are available through Nov. 21 at the Athletic Ticket Office, 125 Rothwell.

'Forum' to Play Here Nov. 16

"A Funny Thing Happened on the Way to the Forum," a musical comedy which was Broadway's number-one hit for three years, will be presented at 8 p. m. Nov. 16 in Jesse Auditorium.

UMC's Student Activities is sponsoring the two-act productions which combines humor, music and burlesque in a play set in ancient Rome before the Christian era.

"Forum makes the season complete—the girls are luscious," said the New York Times, and "The funniest show we've ever seen, and we mean ever," said the MIT Press.

The entire action takes place in front of three houses—the home of Lycus, a buyer and seller of the flesh of beautiful women; the home of Senex, a senator whose wife doesn't understand him; and the house of Erroneus who has been abroad for 20 years searching for his children stolen in their infancy by pirates.

The plot centers around a slave's attempt to obtain his freedom, and to get it, he must arrange the purchase of a young lady for his master. Lycus, however, already has sold her to a great captain who is on his way to claim her. How the slave get the girl, his freedom and escapes with his life make "Forum" a Broadway hit.

Themistocles plays the major role while the two female leads are Phyllis Becker and Jeanne Schlegel.

CAMPUS COLUMNS

Campus Columns is published monthly except August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least a week prior to publication. Office: 449-9189.

Editor: Kay Mariea

Graduate School

SUMMER RESEARCH FELLOWSHIPS — The Research Council has set Jan. 12 as the deadline for submission of applications for Summer Research Fellowships and for summer salary support under the Assistant Professor Research Fund. Awards will be announced as soon as possible, probably by March 1. Because of the limited funds available for the Summer Research Fellowship program, the Council has set the stipend rate this year at 20 per cent of the academic year salary, up to a maximum of \$2,500.

GRANTS FOR SCIENTIFIC RESEARCH — The Graduate School for Research has received a copy of the revised NSF guidelines, **Grants for Scientific Research**. The new edition incorporates all changes since 1963. Only a limited supply of this publication has been printed. Therefore, the Graduate School has xeroxed a supply of this booklet for use of faculty members interested in applying for NSF research grants.

BUREAU RENAMED — The Bureau of Research of the Office of Education has been renamed the National Center for Educational Research and Development. The new Center will include the National Center for Educational Statistics, the Office of Program Planning and Evaluation, and the Office of Information Dissemination.

VOCATIONAL REHABILITATION PROGRAMS — Newly revised regulations covering all vocational rehabilitation programs of the Social and Rehabilitation Service have been published. Separate rules govern the administration of research and demonstration programs, fellowships and traineeships. Universities are specifically stated to be eligible for several types of grants.

VOCATIONAL EDUCATION PROJECTS — Educational institutions that wish to submit applications for grants to carry out exemplary programs and projects in vocational education in fiscal 1970 must do so by Jan. 1. Application forms and instructions may be obtained from the Division of Vocational and Technical Education, Bureau of Adult, Vocational and Library Programs, Office of Education, Washington, D. C. 20202.

SEATO FELLOWSHIP — Due Feb. 1. The Southeast Asia Treaty Organization has announced support for research fellowships for projects concerned with social, economic, political, cultural, scientific and educational problems of Southeast Asia or the Southwest Pacific areas. Fellowships are intended for established scholars and are tenable for a period of 4-8 months. Application forms may be obtained from: Committee on International Exchange of Persons, 2101 Constitution Avenue, Washington, D.C. 20418.

REGIONAL MATH MEETING — NSF is seeking proposals for five-day regional conferences on subjects of current research interest in the mathematical sciences. The objective of the conferences is to stimulate and broaden mathematical research activity, particularly in regions of the country where such activity needs further development. Inquiries should be addressed to the Conference Board of the Mathematical Sciences, 834 Joseph Henry Building, 2100 Pennsylvania Ave., N.W., Washington, D.C. 20037.

Obituaries

Opal Wagner, University employee from July 1, 1950, who retired Oct. 31, 1967, died Oct. 1, 1969. She served as secretary to the director of intercollegiate athletics until her retirement, then worked part-time for Don Faurot.

William Robert Moreau, University employee since Oct. 15, 1957, died Oct. 16, 1969. He was a janitor for the physical plant.

THERMAL POLLUTION RESEARCH — Research and demonstration grants and contracts are being awarded by the Federal Water Pollution Control Administration for projects relating to thermal pollution, with major emphasis on the effects of heat and its behavioral characteristics in water. For forms and further information, contact Frank H. Rainwater, chief, National Thermal Pollution Research Program, Federal Water Pollution Control Administration, Pacific Northwest Water Laboratory, 200 SW 35th St., Corvallis, Ore. 97330.

ESSO EDUCATION FOUNDATION — Due Feb. 1. The Esso Education Foundation has a program called Support for Promoting the Utilization of Resources. The program is to underwrite experiments aimed at helping colleges and universities make better use of their instructional, administrative and physical resources. Support is limited to projects on the undergraduate level, and the maximum amount of support is \$75,000. A preliminary proposal should be submitted to the Foundation sometime ahead of the deadline.

NIH FELLOWSHIP APPLICATIONS — The next deadline for National Institutes of Health applications for predoctoral, postdoctoral and special fellowships is Jan. 2. Two other deadlines have been established — April 1 and Oct. 1. There have been some recent policy changes in the program and new forms are being issued. Applications and further information may be obtained from the Graduate School or Career Development Review Branch, Division of Research Grants, National Institutes of Health, Bethesda, Md. 20014.

HEALTH SERVICES — The National Center for Health Services Research and Development has announced three new programs to train research workers in the administration, organization and delivery of health services — research fellowships, training grants and research scientist development awards. Both pre and post-doctoral fellowships are available in several areas of health, health related and social services. Deadlines for submitting applications for fellowships and research scientist development awards are Jan. 2, April 1 and Oct. 1.

Training grants are available in health services research, the social and behavioral sciences in the health services, health education research, biostatistics, systems management, research, scientific communications systems, and administration and management sciences. Deadlines for receiving applications are Feb. 1, June 1 and Oct. 1. For further information: Office of Research Training, National Center for Health Services Research and Development, Health Services and Mental Health Administration, 8120 Woodmont Ave., Bethesda, Md. 20014.

OTHER DEADLINES
Office of Education — Basic Research in Education — Jan. 17.

National Academy of Sciences — Basic Research in Education — Jan. 15.

American Council of Learned Societies — grants-in-aid for humanistic research and for summer research in linguistics — Feb. 15.

National Institutes of Health — Research Career Development — Dec. 1.

National Institutes of Mental Health — Research Development Program — Dec. 1.

American Philosophical Society — small grants for research in all fields — Dec. 15.

Atomic Energy Commission — Nuclear Sciences and Engineering Equipment Program — Jan. 1.

National Science Foundation — Undergraduate Scientific Equipment Program — Jan. 30.

Ford Foundation — Faculty fellowships in economics, political science and sociology — Jan. 1.

Further information on any of the above programs may be obtained by contacting the Graduate Office for Research, 449-9236, 202 Jesse, or the agency involved.

Correspondence Courses Available for Staff Use

Faculty and staff members who are interested in courses through the University but cannot attend scheduled classes may be eligible for correspondence courses through the University's educational assistance program, according to C. Alex Phillips, associate director, correspondence study department.

Phillips indicated many inquiries have been made in recent weeks by full-time staff and faculty who desire to take advantage of the educational assistance program adopted by the Board of Curators, but have been prevented by other commitments from taking course work.

Several benefits to the new program are advanced by Correspondence Study. Correspondence courses allow the individual greater flexibility of self-paced work, less interference with the regular job, low cost and the ability to register any time of year.

Furthermore, Phillips added, these

courses, which are open to anyone 21 years old or who holds a high school diploma, have a time allotment of one year for completion, and upon payment of additional fees may be extended to a maximum of two years.

The normal incidental fee for correspondence courses is \$14 per credit hour. Eligible employees pay only 25 per cent of this incidental fee and the normal amount of all other fees.

Under the program, employees who have been with the University on a full-time basis for at least six months may register for not more than six credit hours and be permitted to receive credit for those courses.

Employees will be required to file an application to enroll with the Correspondence Study department, 514 S. Fifth St., and have approval and proper form from either their dean or department head.

"The Correspondence Study department of the University Extension Division," stated Phillips, "is continuing in its efforts to make our resources known to all members of our college community."

"The department presently serves more than 11,000 people each year. The University's educational assistance program may encourage many others to take advantage of the University's educational opportunities."

Improvement Fund Program Announced

Procedures and deadlines for submitting proposals for funding under the University-wide Improvement Funds Program have been announced by the office of the vice president for academic affairs.

The Improvement Funds, which are used for the advancement of excellence and economy in the University's academic programs, include the Assistant Professor Research Fund, the Faculty Development Fund, the Undergraduate Education Fund, the Improvement of Teaching Technology Fund, the Improvement of Library Collections Fund and the Improvement of Library Resources Fund.

Copies of the application guidelines may be obtained from the office of the dean of faculties. Applications describing the individual project are submitted to the President through the chancellors and the vice president for academic affairs and then reviewed by a University-wide committee or council. Proposals dealing with improvement of undergraduate education should reach the office of academic affairs in December in order to be distributed and reviewed by the Council in January.

Applications for the Assistant Professor Research Fund are available through the Graduate Research Office, 202 Jesse.

Improvement of teaching technology proposals may be submitted at any time, but the Undergraduate Council intends to conduct the first review of these projects in January.

Other deadlines and suggestions are listed in the application guidelines available from the dean of faculties.

Other major points made in the allocation guidelines include:

1) Preference will be given to proposals which hold specific promise of benefiting two or more campuses of the University. Emphasis will be placed on furthering excellence and economy through inter-campus arrangements.

2) Preference will be given to proposals which contain significant degrees of innovation.

3) Normally only projects which can be accomplished within a one year period will be funded from the University-wide improvement funds, in order that these funds will be preserved as "seed" money for fostering innovation and improvement.

4) A final report from the project director of each funded proposal will be required within 30 days of the completion of the project. In addition, interim progress reports will be required on a quarterly or semiannual basis for projects funded for a full year.

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 307-309 Hitt St., 449-8168, or Room W-141, Medical Center, 442-5111 ext. 665. The following are representative of available openings:

Secretary-Stenographer with shorthand
Food Service Workers—varying hours
Janitors—evening and night shifts
Draftsmen—experience preferred
Medical Center:
Senior Clerk-Typist—full time, 5 p.m. to 1 a.m.

Food Service Workers, varying hours
Supervisor, nutrition and dietetics, full-time and part-time

Nursing—full-time and part-time for experienced personnel

Ward Clerk—part-time, Friday and Saturday nights

Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.

Educational Aid

(Continued from Page 1)

attractive to individuals who would like to earn credit toward a degree and still hold a full-time job.

The program applies to employees who enroll in regular UMC classes, in evening classes and those who take college level courses by correspondence.

The program was instigated to encourage employees to upgrade their knowledge and skills, thus becoming more efficient and valuable in their work. They may register for no more than six credit hours per semester. Approval of their dean or department head is required.

The employees show as much variety in course choices as do any other group of students. A clerk-typist, for instance, is enrolled in courses in 18th Century French literature and French Poetry; a housekeeping supervisor is taking general psychology; an animal caretaker is a student in general psychology and college algebra; a patrolman is taking elementary algebra.



John Windsor, left, and Steve Steward, members of the UMC emergency medical team, stand by an ambulance and display of emergency equipment.

Standards Set for U-Wide Apprenticeship Programs

The establishment of standards of apprenticeship that became effective Nov. 1 has brought the University very close to an apprentice program embracing all four campuses.

Donald C. Zick, manager of employee training, said that at least one apprentice program should be in operation here by Jan. 1, 1970.

According to the standards, the program has a dual purpose—to provide a continual supply of skilled tradesmen for the University, and to provide present employees an opportunity to upgrade their capabilities.

Competition for Grants Abroad Due Dec. 12

Dec. 12 has been announced by the Institute of International Education as the closing date for the 1970-71 competition for grants for graduate study abroad offered by the U. S. Government under the Fulbright-Hays Act and for grants offered by various foreign governments, universities and private donors.

A total of approximately 500 grants will be offered for 1970-71. This is about the same number offered last year, although well below the total quota of two years ago.

Fulbright-Hays Full Grants will be available to the following countries: Argentina, Australia, Austria, Belgium-Luxembourg, Brazil, Ceylon, Chile, Colombia, Denmark, Ecuador, Finland, Federal Republic of Germany, India, Ireland, Italy, Japan, Korea, New Zealand, Peru, Portugal, Sweden, Thailand, the United Kingdom and Uruguay.

Full grants to the following countries, although previously announced in the 1970-71 brochure, have been cancelled: the Republic of China, France, Greece, Iceland, Iran, Malaysia, the Netherlands, Norway, the Philippines, Spain and Turkey. There will be no teaching assistantships or fellowships to Italy or the Philippines.

Fulbright-Hays Travel Grants will supplement maintenance awards to: Denmark, the Federal Republic of Germany, Israel, Italy, Poland, Romania, Spain, Sweden, Turkey and Yugoslavia. There will be no travel grants to France.

Foreign grants offered by foreign governments, universities and private donors, will be available for: Austria, the Federal Republic of Germany, Iceland, Israel, Italy, Mexico, Poland, Romanis, Spain, Sweden, Switzerland, Tunisia and Turkey. In France and Yugoslavia, both study grants and teaching assistantships will be available. Some of these are full awards while others cover maintenance and tuition only.

Additional information and application forms may be requested from the Fulbright program adviser, Edmund Ford, 607 Kuhlman Court.

Zick said the standards meet or exceed those established by the federal government; therefore, personnel receiving their journeyman status at UMC or the other campuses should have no difficulty in having that status recognized throughout the United States.

The standards provide for apprenticeship programs ranging in length from two to four years. The programs are a combination of on-the-job training and related instruction in the specific field.

For example, an electrician apprentice would be required to complete satisfactorily four years of training and related instruction. This instruction would encompass many specific electrical subjects. On-the-job training would involve practical work with such things as wiring, electrical maintenance, electronic controls and motor rewinding.

Zick said plumber and carpenter apprenticeship procedures are in the final stages of establishment. "About 20 programs are in the initial stages," he said.

According to the standards, eligibility for the programs will be determined by a set of five requirements. The applicant must satisfy the physical qualifications for the particular trade; he must be 18, but not more than 45 years old; he must have completed the University six month probationary period; he must be a high school graduate or the equivalent; and he must submit an application including any requested materials to the campus personnel officer or to the apprentice coordinator within the department in which he desires an apprenticeship.

Apprentices who make satisfactory progress will receive step increases in wages each six months until, at the completion of the program, the journeyman's wage for the particular skill will be granted.

The number of apprentices who are accepted will be determined by interest in the program and University needs. The University will pay 75 per cent of the related instruction costs for those who are accepted.

Gives Carts To Med Center

The pediatrics department of the Medical Center will soon have two much needed emergency carts because of the interest of a former Medical Center employee. Mr. and Mrs. Albert J. Zimmerman presented money for the carts in memory of their daughter, Karen Marie, who died four months after her birth at the Medical Center.

Zimmerman was employed at the Medical Center as an audio-visual supervisor at the time of Karen's birth. He is now medical editor for the Marshville Clinics in Marshville, Wis.

The emergency or utility carts will hold all equipment and drugs used in the first three to five minutes of cardiac and-or respiratory arrest. Everything in the cart is in separate drawers, therefore being quickly available.

Ambulance Service Improves Medical Care

Threatened loss of ambulance service is a rule rather than an exception in most Missouri communities. But many of them have used the loss as a means of improving medical service.

The forced change — money loss to funeral homes with ambulance service that cannot add to their financial burdens under wage-hour laws — is resulting in a new approach, with ambulance service operating as an integral part of a hospital.

Dennis Nicks, supervisor of emergency medical services at the Medical Center, is among those who believe that the idea will spread. Ambulance attendants waiting calls are used in many other roles throughout the hospital.

"When a call comes in, they can stop what they're doing and provide emergency medical services at an overall saving to the hospital and the community," Nicks said.

Their work inside the hospital helps ambulance attendants become more efficient in administering medical care on the road. Emergency medical gear is in the ambulance, including a complete cardiac unit with heartbeat monitor, defibrillator, pacemaker, portable incubator, two-way radio and a radio telephone for communication with physicians, heart-lung resuscitator, backboard for spinal cord injuries, intravenous fluids, and hydraulic jacks to extricate the injured in accident situations.

"Speeding to the hospital is seldom the proper technique for saving victims of highway accidents," Nicks explained. "The idea is to take emergency medical care to the person at the scene rather than pick him up and drive 100 miles an hour to the hospital."

Yet, Nicks notes, most communities are willing to spend thousands of dollars on fire-fighting equipment to save property but are less willing to provide well-equipped ambulances to save lives.

Robert Burgess, director of the Missouri Division of Traffic Safety, said that the hour and wage laws are causing many groups to drop ambulance service. Dr. John Wallace, director of the Bureau of Emergency Medical Service for the state, estimates that 85 per cent of the ambulance service in Missouri is provided by funeral homes, which are losing money on the service. He said that in rural areas the population cannot support an estimated capital and operating first-year cost of \$28,000 for ambulance and staff.

The initial cost, however, can be reduced by a state program which offers ambulances at half-price to hospitals. The properly equipped ambulances cost approximately \$8,000, and the state offsets half the outlay. Before any ambulance is delivered under the program, it will be sent to the Medical Center here where all needed equipment is installed.

The equipment is important, but knowing how to use it is even more important. One of the problems with ambulance service is the drivers. The nature of the job, perhaps sitting around for hours or days without calls, doesn't encourage the ambitious. Pay scales, accordingly, are not high. But if the drivers can work in a hospital while they are on call, it becomes possible to increase the rate of pay and offer training for long-term employees instead of poorer pay with a rapid turnover of less well-trained drivers.

Physicians at the Medical Center know that lives can be saved and injuries minimized by well-trained ambulance drivers. One traffic victim in Columbia, for instance, was paralyzed from the neck down in an automobile crash. He was placed on a back board and traction was applied to his neck by ambulance personnel. By the time he reached the Medical Center some feeling was returning to his body. Physicians say that if the youth had not been handled in this manner he likely would have been paralyzed for life. An estimated 20,000

such injuries in the United States annually result in such a condition, and many could be averted, physicians say.

An indication of the seriousness of the ambulance problem in Missouri came from a recent conference at UMC to discuss what can be done about loss of ambulance service. More than 350 individuals from 85 counties attended.

The program of the UMC Medical Center in offering a model ambulance service, and more important, in training ambulance drivers, attendants, policemen, sheriffs, firemen and nurses throughout the state, has been endorsed by Dr. Oscar P. Hampton of the American College of Surgeons.

"What has been done at the Medical Center is a tremendous starting point for the state," he said. "The emergency medical service team is giving training that is badly needed."

The training is offered any ambulance service group anywhere in the state upon request. The eight-session course includes instruction in mouth to mouth resuscitation, external cardiac massage, shock, child delivery, splinting of fractures, chest and head injuries, burns and poisoning. Prerequisites for the course in most cases includes both standard and advanced R. Cross first aid training.

Larry Duncan, assistant UMC emergency service supervisor, pointed out that in many communities, all one needs is a flashing red light on top of a car to become an ambulance service.

"There's only one state requirement — the driver must hold a chauffeur's license," he said.

The UMC training, offered at request of local concerned groups in a program to upgrade ambulance services, already has been conducted in Joplin, Moberly, Fulton, Webb City, Lexington, Richmond, Fredericktown, Perryville, Poplar Bluff and Kansas City.

"We'll train any ambulance service group anywhere in the state, and do everything possible to see that ambulance service in Missouri improves," Nicks said.

When he says "everything possible," Nicks means just that. He, Duncan and a third staff member, Markus Baylis, hop commuter planes each week to reach training sessions in southeast Missouri. The team provides a basic training function during the annual "disaster" drill in Columbia; it provides a "cardiac arrest team" for all Missouri Tiger home football games; and it operates regular ambulance service for hospitals in Columbia.

Speech, Interview Courses Available

Courses on How to Make Effective Speeches and How to Conduct a Selection Interview have recently been added to the University's group of programmed learning courses, says Dean Baxter, assistant manager of employee training.

How to Conduct a Selection Interview is a course involving tips on interviewing prospective employees for a job.

The new courses make a total of 19 programmed courses now offered by the University. The courses are available to all University employees without charge for completion in the employee's home during his leisure time.

Other courses available are Accounting Process, Preparing for Algebra, Cutting Office Costs, Basic Electricity, Basic Electronics, Competence in English, Filing Skills, Programmed Grammar, Effective Letters, Basic Mathematics, Proper Punctuation, Secretary--Jill of all Trades, Spelling Improvement, Basic Supervision of People, Basic Transistors, Vocabulary Improvement, and Improving your Written Communications.

For further information, contact Dean Baxter, 8th floor, Lewis Hall, 4498311.

Job in the Spotlight

Sees Job as Hobby, Not Work

"I treat my job as a hobby, not as a job — and what isn't interesting about a hobby?" says Ralph Payne about his job as the offset press operator at the University Medical Center.

A member of the stores and receiving department at the Medical Center, Payne's primary job is to run the offset press. He runs copies of all printing jobs needed at the hospital which are too large to be run on a duplicating machine but are not large or complex enough to be sent to Technical Education Services.

He is responsible for printing simple brochures, index cards, letters ranging in size from 3 x 5 to 17 x 11, notices to students, faculty and staff information notices, programs for student activities, the daily hospital menu and various hospital forms. He is also responsible for printing the *Daily Digest*, the hospital's daily newsletter for employees and patients. Keeping a mental tally on the paper supply for each department, informs them when more paper is needed. When more paper arrives, he sees that it is stored properly. Each day about 12,000 sheets of paper go through his presses.

Being a "printer" is a fairly new "hobby" for Payne. He has been part of the Medical Center staff only 10 years. His first job after completing high school in Bengal province, India, was with weights and measures division of the Bengal Chamber of Commerce in Calcutta, close to where he was born and raised. At that job, he spent a great deal of time aboard oceangoing vessels.

A daughter who had come to the United States persuaded him to leave India in 1954 and come to the U.S. When he arrived, he decided to settle in Independence, Mo., where he became an independent businessman.

One day during a tour of the Medical Center, he became interested in working at the hospital. He interviewed for the then new position of offset operator. He admitted to the job interviewer that he knew nothing about printing, but said he was willing to learn. He was hired.

Learning to be an offset operator was not easy at first, Payne recalls.

"I had a difficult time learning to operate that press. I would go home at night and pray that I could do a better job tomorrow," he said.

Eventually he learned to operate the press, and with it, picked up some of the technicalities and jargon of printing.

"I feel through many years of experience working the press I have reached the rank of a semi-professional. I now like to think of myself as a 'gentleman printer'," he said.

Since the days when he learned to operate that first printing press, the Medical Center has owned and worn through two more. Paper work increased with the expansion of the Medical Center so the presses had to be bigger and more complicated. With hospital departments constantly bringing or sending down two or three printing jobs at a time, the new presses had to go into operation im-

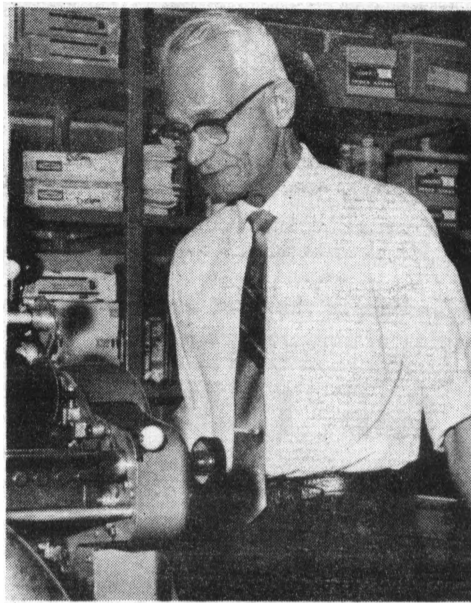
mediately. Payne quickly learned the intricacies of each new press.

He continued to enjoy his "hobby," however. One reason was because it gave him an opportunity to meet many of the people employed at the Medical Center. Eventually, he comments, he has an opportunity to meet people from every Medical Center department, large, small, old and new.

As people come to him with their printing, they learn they can rely on his advice. He is always willing to answer questions — what size paper to use, what color, what weight paper.

"They are always asking me, 'Mr. Payne, can we do this job this way?' and I usually say, 'I have never done it before, but I will give it a try'."

"The only frustrating aspect of this job is trying to accommodate everyone at their given deadlines," he says. "My enemy is the eight hour working day when I am doing something I enjoy like this hobby."



RALPH PAYNE

Memorial Union Dream Realized After 47 Years

(Continued from Page 1)

building. Such an action became possible under terms of a state dormitory revenue act in 1946 which permitted one or more social and recreational buildings to be financed through revenue bonds.

Again a dream failed to materialize. Plans submitted to contractors brought bids that were beyond available funds. It would have been possible to issue revenue bonds to be retired by a large union fee, but Curators vetoed the idea.

With more funds on hand in 1950, however, the Board of Curators ordered plans revised and a \$2,135,000 building was joined to the tower on the north and was opened to students in September, 1952.

As the tower is a memorial to students who lost their lives in World War I, the north wing became a memorial to 338 students dead of World War II. Their names are on bronze plaques attached to the walls of the lobby, together with a Shakespeare quotation: "I do not love my country's good with a respect more tender, more holy and profound, than mine own life."

From a financial standpoint, the north wing was constructed with a minimum of state appropriations. Some \$318,158 of state funds went into the building, with most of the construction cost—\$1,231,000, coming from the funds paid to the University for its wartime defense service programs and from training programs offered under the GI bill after the war. Revenue bonds of \$566,000 to be retired from income and a union fee, made up the difference between funds available and total cost.

The south wing, which was coupled

with construction of the Student Commons, also was built with little in the way of state appropriations. The two buildings were linked through joint financing of \$600,000 of general revenue bonds, \$1,950,000 from the U. S. Housing and Home Finance Agency as a loan, plus about \$375,000 of Union funds. The south wing and commons cost a total of \$2,925,000 when they were opened in September, 1963. Total investment in both completed buildings is \$5.4 million—\$2,445 million through loans to be repaid.

Memorial Union has other embellishments. One is the attached \$171,000 A. P. Chapel, dedicated Oct. 11, 1959, and built following an \$85,000 gift from the Allen P. and Josephine B. Green Foundation of Mexico. The chime in the tower was a gift of the late Charles Baird of Kansas City and was dedicated at Homecoming on Nov. 26, 1936.

Altogether Memorial Union represents efforts dating back half a century, funds contributed as gifts, income obtained through sale of foods, drinks and books, as well as a \$6 per semester fee paid by students since 1963 to help retire indebtedness.

The Commons has become the most student-oriented of the two buildings, with most of its facilities designed for student use on an individual or group basis. Memorial Union, however, also is utilized by students. In the last four years, the number of student group meetings utilizing the Union and Commons has ranged from 47 to 58 per cent and in number of persons involved from 45 to 49 per cent of the total. Use by the University departments has increased, averaging about 40 per cent in the number of meetings and in numbers. Continuing education has scheduled from 2.7 to 4.1 per cent of the number of meetings and from 6 to 12 per cent of the persons involved. Miscellaneous groups contribute about 5 per cent in meetings and numbers. In the latter category, such organizations as American Assn. of University Professors, Fortnightly Faculty Women, and wedding parties are included.

Memorial Union also is a center of alumni activities. Former students furnished their own quarters on the top floor of the south wing. The Board of Curators also has headquarters in the building.

Students, however, are main occupants of Memorial Union for their conferences, meetings, dances and other activities. In this group are the off-campus students, those who came in for short courses and conferences in continuing education which also are a part of the institution's educational program.

Recipe Of The Month

What can you do with all that leftover turkey after Thanksgiving? Jo Flory, Extension food and nutrition specialist, has these suggestions:

TURKEY A LA KING

½ cup chopped celery
¼ cup finely chopped green pepper
¼ cup sliced mushrooms
2 cups chopped cooked turkey
3 cups gravy or medium white sauce
Salt and Pepper

Cook vegetables and mushrooms in a minimum of water until tender. Add with the turkey to turkey gravy or white sauce. Season to taste. Heat thoroughly over low heat or hot water. Serve on toast, biscuits, or on cooked rice. 6 servings.

LUNCHEON SALAD SUPREME

2 cups cubed cooked turkey
2 hard cooked eggs, chopped
½ green pepper (bite-size pieces)
2 cup crisp lettuce (cubed)
salt to season
White Pepper
½ cup salad dressing blended with:
1 tsp. lemon juice
½ tsp. sugar

Toss all together lightly. Chill. In large individual salad bowl, arrange lettuce of other salad greens. Place ½ inch thin circle of honeydew melon in each. Mound salad on top. Garnish with wedges of tomato (red or yellow). A one dish meal.

Variations:

1. White grapes or pineapple chunks may be mixed in salad instead of the honeydew melon.
2. Diced celery, slivered almonds, diced avocado, or grated onion.

(Do you have a favorite recipe you'd like to share with Campus Columns readers? Send it to Campus Columns, 223 Jesse Hall.)

The Carpool

Need Rides:

From 912 S. Providence to Bingham Hall cafeteria — Linda Caldwell, 449-7771.

From Centralia to Wolpers Hall — Ruby Ann Williams (day shift), 425 N. Fullen-wider St., Centralia.

From Sturgeon to Wolpers Hall — Margaret Ginn (day shift), (816)-757-1927.

Need Riders:

From Moberly to Agriculture Building — Maureen Arnold, (home) 277-4729, (office) 449-9301.

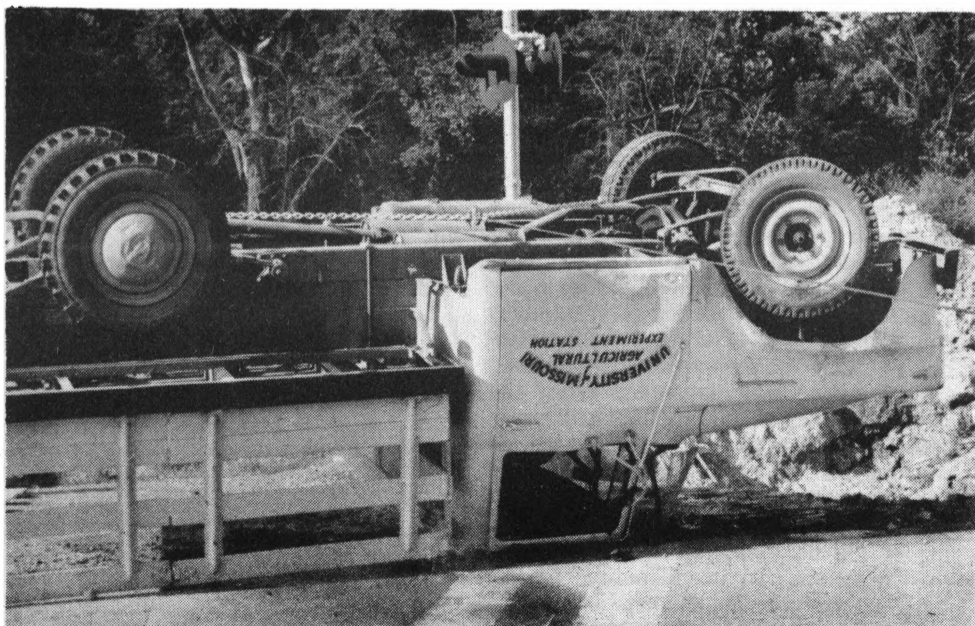
From Boonville (7 a.m., Main Street) to Jesse Hall vicinity — \$1 both ways — Mrs. Mary Whalen (cashiers office), 1232 Maple St., Boonville, 882-6820.

(Need a ride or rider? Send name, phone number, point of departure and destination and whether you need ride or rider to Campus Columns, 223 Jesse Hall, by Dec. 12.)

Twente to Present Anatomy Lecture

The Department of Anatomy will sponsor a lecture by Dr. Twente, department of zoology, at 3:30 p.m., Nov. 18, in Room M301 in the Medical Sciences Building. The title of the lecture will be "Problems of Arousal from Hibernation."

Staff, students and guests are cordially invited to attend.



Use your safety belt — it can save you a lot of frustration.



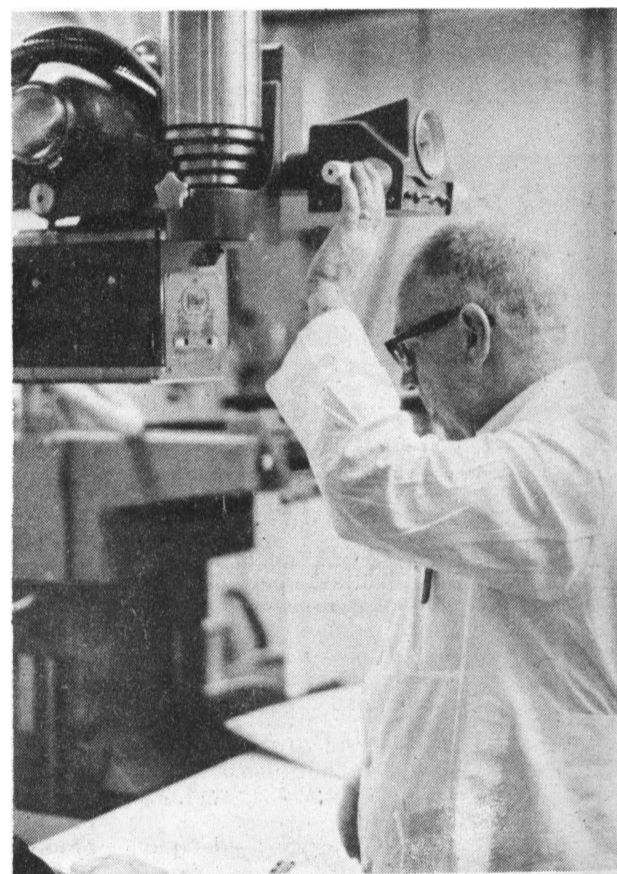
Christine Hamilton



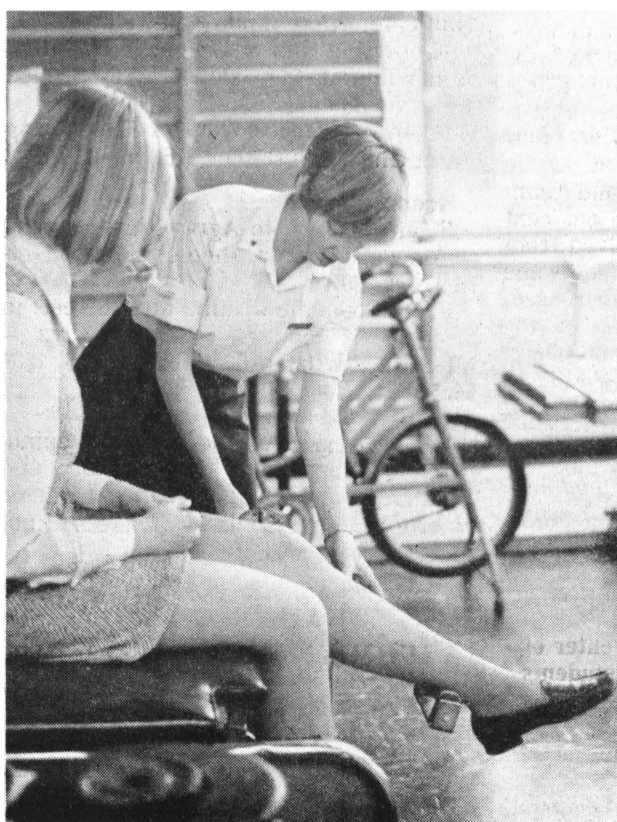
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Student Health Service

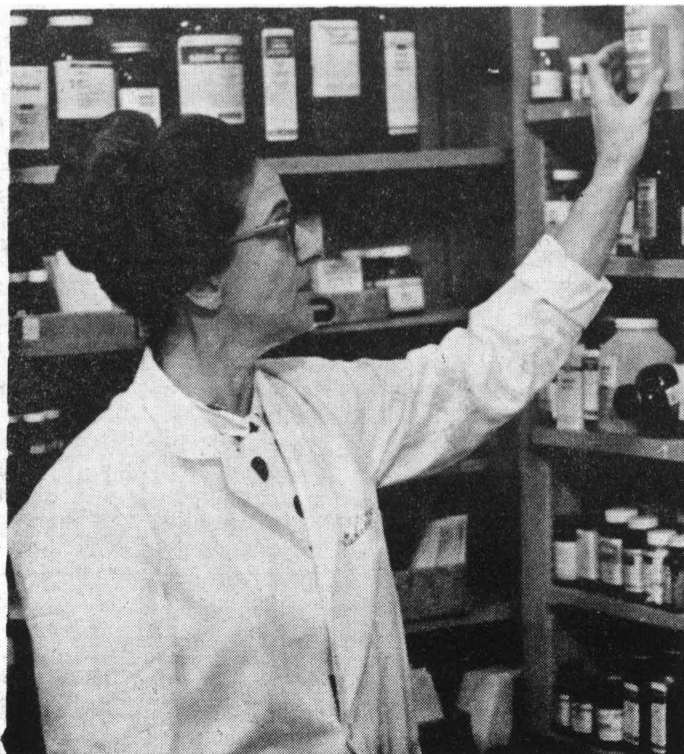
From its beginning in 1913 and a full-time staff of five physicians in 1940, Student Health Service has grown into a massive operation of more than 100 full-time employees serving the health needs of the 21,000 students. With an average of 228 students coming into the clinic each day, Student Health Service dispenses 50,558 prescriptions each year at no cost to the students. 6,466 X-rays are taken each year and 3,351 students are put to bed for an average stay of two days each. Most medical services besides major surgery are offered at the clinic — (clockwise) admissions and record-keeping, X-ray, laboratory, pharmacy, physical therapy and nursing care. Through these services, the clinic carries out its mission: protect, maintain and improve the health of the students so that they may derive the greatest benefit from their course of study.



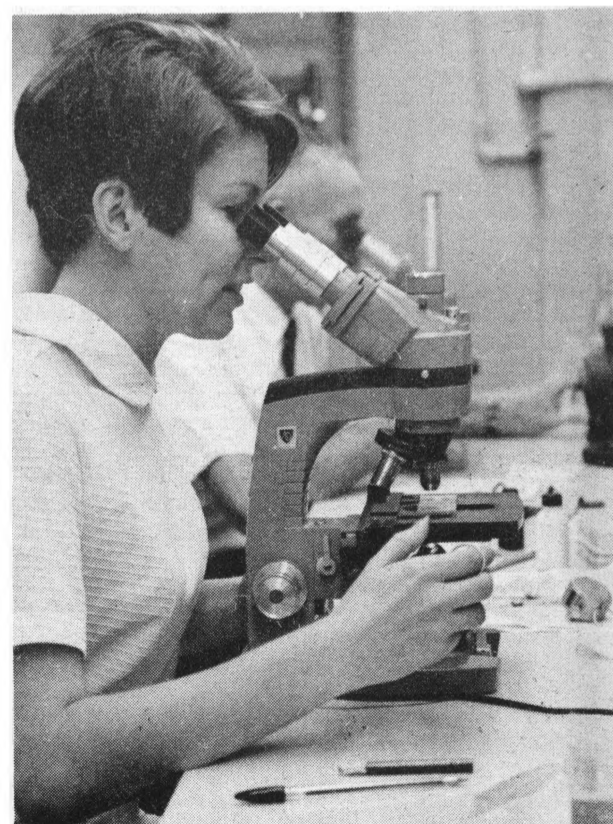
Jack Wenger



Sally Temczuk



Bonnie Pusk



Diane Creson

Merit Semi-Finalists on Campus

Faculty cooperation was "most gratifying" as the Columbia campus was host to more than half of the state's National Merit semi-finalists Nov. 7-8, said Dr. Homer Folks, chairman of the Merit Scholar Committee.

Dr. Folks, associate dean of agriculture, expressed appreciation to the faculty for the time and effort they put into a program designed to interest the top high school students in higher education, particularly at UMC.

Based on experience, the program was planned to include 15-minute conferences between the scholars and faculty members, 100 of whom volunteered to assist.

"We know from past experience that the scholars value highly an opportunity to talk with professors," Dean Folks said. He was pleased, too, that within three days of announcement of need for housing the visitors overnight that more than a sufficient number of faculty families had responded by opening their homes to the guests.

Dean Folks said that the committee, which included as members Jack W. Morgan, assistant dean of engineering, Robert L. Burton, associate dean of education, William P. Bondeson, director of the Honors College, and Jean Madden, director of alumni activities, held weekly meetings to organize the program. Full use was made of the 43 Merit Scholars currently enrolled.

The Merit Semi-Finalist weekend was an expansion of a program undertaken a year ago by the College of Agriculture, which entertained 30 of the high school

honor students. It became a campus-wide effort this year in an effort to stimulate interest of the 300 Missourians named as National Merit Scholars.

The weekend coincided with high school holidays occasioned by meetings of the Missouri State Teachers Assn.—a deliberate choice because most of the scholars appeared more interested in their high school studies and indicated they might not choose a college weekend activity if it meant missing classes. Only a few declined, however, to remain overnight, and those who stayed were guests of UMC Alumni Assn. at the Oklahoma-Missouri football game.



DICK DUNN

Special Education Department Responds to National Demands

Corresponding to the increased national interest in improving educational opportunities for handicapped children, the department of special education has grown in students, staff and curriculum.

Special education at UMC is in the College of Education. Richard C. Schofer, department chairman, says the department has expanded at a rapid rate due to several factors.

"The demand for special education teachers has spiraled," says Schofer. "In a survey conducted late in 1967 by the division of special education, State Department of Education, five large school systems in Missouri were found to need an estimated 175 special education teachers. Less than 50 well-prepared individuals in Missouri were available for these schools when classes started in September, 1968."

Schofer also noted that more than half of the state's existing classes in special education were being taught by teachers minimally qualified to work with handicapped children. Also, more than 60 classes for mentally retarded pupils in Missouri could not be opened due to the lack of qualified teachers.

Additional funds are now available in the form of grants—primarily federal. These grants have enabled the department to offer more courses and expand its service and research. Graduate fellowships and undergraduate traineeships in special education are now available. These fellowships and traineeships have been attracting top students from throughout the nation—from New York to California.

Special education is the education of handicapped children. It provides special programs, services, instruction and materials to assist the handicapped child in making the best possible adjustment to school and life.

There are four areas within special education at UMC; mental retardation, emotionally disturbed, orthopedically handicapped and learning disabilities. The last area was added to the department's curriculum this fall.

Special education course work at UMC includes much practical experience in addition to regular classroom offerings. Students frequently work with

handicapped youngsters under the supervision of the department's staff. Special education students also observe experienced teachers in different classroom situations.

With more courses and more students, the full-time faculty in the department of special education has expanded from two in September, 1967, and eight at present.

In September, 1968, about 100 undergraduates were enrolled as special education majors. This year, more than 200 undergraduates are majoring in special education.

The number of masters candidates has also jumped sharply. Last spring, there were only five full-time candidates; this fall, the department has 27.

To serve these students, the department of special education has a resource center in their building—a converted house on S. Sixth St. The Instructional Materials Center was set up originally with a \$5,000 grant from the State Department of Education.

Recently the state department granted another \$5,000 to purchase more materials. When completed, the center will contain more than 2,500 text examples, books, periodicals, professional journals, and diagnostic tests—one of the most complete collections of special education materials in the nation.

Schofer says the center is not designed to replace UMC's main library but to provide a ready resource of specialized materials normally unavailable at libraries. The center may be used by students, UMC faculty and staff and area teachers interested in gaining more information about special education.

Special education, in one form or another, has been in UMC's College of Education for at least 12 years. In July, 1967, special education achieved departmental status. Prior to that, a special education "program" was offered that met state certification requirements. Equality in education means equal opportunities for the education of handicapped children as well as those of racial or religious minorities. At UMC, more teachers are being prepared to meet the needs of the handicapped youngsters throughout Missouri and the nation.

Safety Program Works For Campus Shop Crew

"The more machinery and equipment you have for men to work on, the greater the possibility that someone will get hurt." This thought seems to haunt safety directors everywhere. It doesn't always happen that way though—the University's Campus Shop is proof.

The second-largest division in General Services (the Janitor's Shop is the largest), the Campus Shop finds itself responsible for a mammoth job—maintenance of all the University's outdoor property. That for 80 workers during the spring and summer and 60 employees during the "off season" is more than a full time job.

This maintenance includes all landscaping activities from sodding to clearing walkways of snow in winter to excavation work done for utilities repairs. The shop's arsenal of equipment includes 21 mowers, 12 tractors and 10 trucks.

A recent example of the Campus Shop in action is the sodding completed around the Agriculture School's Livestock Pavilion where workers laid more than 12,000 square yards of cultured sod shipped from Illinois.

Although it might, such a work force operating so much equipment hasn't posed a safety problem to Campus Foreman Dick Dunn.

"For this size shop, I think we've had a good safety record," the Holts Summit native and resident, says. The Campus Shop, however, has an unusual safety program to keep its workers alert.

"All our people attend safety meetings after every payday, and usually we have a feature topic or a film. We think this type of program keeps persons more safety conscious." The Campus Shop's twice-a-month meeting is unique within General Services.

"We also stress reporting any injury at

all here, even a cut finger, and we insist that all persons with these injuries get proper medical attention. We also try to learn from our mistakes and take preventive measures to eliminate similar accidents in the future."

Dunn's program has worked. "Mr. Dunn probably is one of the most safety conscious persons we have and really takes an active personal interest," Bruce Gray, assistant to the business officer and campus safety representative, says. "His people have had fewer accidents that can be attributed to negligence or carelessness."

Campus foreman for the last 4½ years, Dunn is one of those rare persons who can combine their avocations with their work. He has been interested in landscaping, gardening and floral arrangements "since I was a child," he says.

Before he joined the University's staff, he was assistant director of the state's Division of Public Buildings—(now Division Planning Construction) in Jefferson City where he supervised building and grounds maintenance for all the state capitol buildings. His job now requires a larger area to care for.

"Our biggest job here is lawn and grass maintenance. We have about 800 acres of developed areas on the Columbia campus where maintenance is required. Approximately 40 per cent of that area is covered with grass, but the area changes so rapidly we don't have exact figures."

Usually Dunn and his Campus Shop employees work a normal 8-to-5 schedule, but they are on call in case of emergency or during snowy weather which requires early-morning work to clear sidewalks. These men behind the scenes usually are noticed by the work they do, which at Campus Shop is done with safety in mind.

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Fall Faculty-Staff Blood Drive Scheduled to Begin Next Week

The University will hold its annual fall faculty and staff blood drive the afternoon of Nov. 20 in Brewer Fieldhouse's trophy hallway in hopes of collecting a record number of blood units.

The drive—scheduled from noon to 5:30 p.m.—supports Boone County's blood program and "We're hoping for 250 units this time," said Bill Poore, director of the University's personnel services and county blood program director.

"Our last campus drive in May was one of the most successful ever, and faculty and staff blood donations really have helped Boone County achieve its quota," he said.

UMC's faculty and staff blood program began in the fall of 1966 and has continued twice each year since. The county has achieved its quota during the last two years although the county's blood program has been active for 14 or 15 years, Poore said.

"Since we've gotten support from the University's faculty and staff as well as other new sponsoring city organizations, we've been able to meet our county quota for the first time," he said.

The county quota is figured at 4 per cent of the county's population or 1,572 units for the current year, Poore said. We have a two-day drive somewhere in the county every two months during the year and attempt to collect 262 units each time.

Chairman for the Nov. 20 drive is Jim Ollar, assistant to the director of administrative management of the University's Extension Division.

Poore reminds each person that donors receive Red Cross blood coverage without charge for the blood for each member of the donor's immediate family for a year regardless of where the person might be hospitalized.

Deans Favor New Format In Calendar

The Committee of Deans, voted at its Dec. 1 meeting to recommend to the faculty a new type calendar for the 1971-72 academic year.

Under the new format of the calendar classes would begin during the last week of August and the fall semester would end before the Christmas holidays. After a slightly longer Christmas break than in the current calendar, the spring semester would begin and terminate about mid-May. There would be no change in the summer session calendar. There would, however, be about a two- to three-week break before the beginning and after the end of summer session.

The matter of the revised calendar was first brought up at the October meeting of the Committee of Deans. A motion for approval was tabled until the matter could be referred to the faculties and students of UMC's divisions.

The results of this divisional survey were reported to the committee at the December meeting and arguments were heard favoring both the traditional calendar and the proposed modification.

Generally, the change was approved by most student groups which discussed the matter. Faculties of the various divisions were somewhat divided. An informal survey conducted by Dean Jack Matthews of the parents attending the campus Parents Day, Oct. 18, indicated about a three to one preference for the proposed new calendar.

The Committee of Deans removed the motion from the table and voted to recommend the new version.

The faculty meeting at which the new calendar will be discussed has not been set. The next faculty meeting, scheduled for Jan. 14, will take up only the discussion of the University Budget by

(Continued on Page 2)

Notice:

University President John C. Weaver will meet with the Faculty to discuss the University's 1970-71 State budget request. The meeting will be 4 p.m. Jan. 14, Jesse Auditorium. All faculty members are invited to attend.



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December 19, 1969

United Fund Record Set

Although the United Fund on the Columbia campus officially ended Nov. 14, late contributions have raised total collections to better than \$62, 185, according to A. J. Snider, University-wide Extension, coordinator of the drive.

This is the largest United Fund contribution ever raised on the campus. Last year \$56,000 was raised.

President John C. Weaver, Vice President A. G. Unklesbay, Chancellor John W. Schwada and Provost Herbert W. Schooling have all expressed appreciation to faculty and staff for the fine way they met the challenge and showed their concern for community needs.

Brochure Explains Medical Benefits

Don't throw that gold-colored brochure away! Read the title. Does it say Medical Benefits Program? If it does, you need it.

That booklet will explain the new, University-wide benefits plan—a program that offers increased benefits to the entire University family, but one that requires action from you as an employee.

The new program provides increases in maximum allowance for hospital room charges and major medical payment limits; it provides for automatic major medical reinstatement and offers an option on the amount of hospital room coverage you may want.

You are not automatically covered by the new plan; even if you participated in the old medical benefits program, you must act. The kinds of actions you should take are outlined in a recent letter from John Graves, University-wide manager of staff benefits, to all full-time employees.

In part, Graves said, "If you are enrolled in the current Medical Benefit Program, you will need to complete a new enrollment card making your choice of the \$50 plan or the \$200 plan. You must also make a choice of the \$30 per day hospital room and board allowance or a \$45 per day allowance."

The enrollment cards, mentioned by Graves, are attached to the Medical Benefits Program brochures that were distributed to each employee along with the letter. There are three cards—a blue, a white and a pink.

If you decide you want the \$50 plan with the \$45 per day hospital room and

board allowance, complete the blue card, checking the appropriate box. Similarly, if you elect the \$50 plan, but want the \$30 room and board coverage, complete the blue card, checking the \$30 box.

If you desire the \$200 plan, complete the white card, marking the box opposite the amount of hospital room and board coverage you want.

If you do not want to participate in the Medical Benefits Program, complete the pink card.

These same options are open to University employees who have not participated in the older program and to new employees.

In any case, after the appropriate card is completed, mail it to the UMC Staff Benefits Office. All cards should be in the hands of the office on or before Jan. 31. Cards received through that date will have an effective date of Jan. 1, 1970.

Those dates along with two others are important for employees interested in the program. The other two are Dec. 1 and 2 of this year.

If you began your employment with the University on or before Dec. 1, you have, as mentioned above, until Jan. 31 to provide the UMC Staff Benefits Office with your completed card. After that day, you will be required to show evidence of good health before entering the program.

If your employment began on Dec. 2 or thereafter, you have until two months from your date of employment to complete the card. After two months, you will be required to show evidence of good health before being allowed to participate in the program.

There are no evidence of good health requirements for employees whose employment began on or before Dec. 1, and who complete the appropriate card before Jan. 31; and there is no such requirement for an employee whose employment began on or after Dec. 2, and who completes his card within a period ending two months after his date of employment.

Jan. 31 is important for another reason. That is the last day for employees, currently enrolled in the Medical Benefits Program, to exercise the various options available to them. Any employee who wishes to change from the \$50 to the \$200 plan or from the \$200 to the \$50 plan must do so by that day. In completing the enrollment card for the change, the employee should be careful to designate whether he desires the \$30 or \$45 hospital room and board coverage.

Graves cautions all employees, "It is very important that you complete your enrollment card and mail it to your Staff Benefits Office as soon as possible. Remember, even though you are currently enrolled you must complete a new enrollment card."

Donald S. Holm, Jr., chairman of the University Retirement and Staff Benefits Committee, says, "the new medical benefit program is a considerable step forward in the face of continuing and significant rising costs of medical care. Through a self-administered approach, it is possible to provide more liberal benefits without an increase in the employee's contribution."



*To All the Members of
the University Family,
Mrs. Schwada joins me
in Extending Best Wishes
for the Holiday Season
and
a Happy New Year*

John W. Schwada

Calendar of Events

LECTURES, SPEAKERS

JAN. 14: Reading Hour, scenes from contemporary dramas. Performed by students in Prof. Sam Smiley's advanced acting class, 4:15 p.m., Studio Theatre, Fine Arts Building.

CONCERTS, PLAYS

JAN. 15: University Concert Series, Anneliese Rothenberger, lyric soprano known for performances with the Metropolitan Opera and in European festivals, to perform, 8:15 p.m., Jesse Auditorium. Faculty and staff admission: \$1.50 and \$2.50.

FILMS, EXHIBITS

JAN. 4: Film Classic, "Waterhole No. 3," 6 & 8:30 p.m., Jesse Auditorium.

* * *

JAN. 11: Anthropology Film Series, "Early American Civilizations: Mayan, Aztec, Incan, "Mexico: Adobe Village;" and "Arts and Crafts of Mexico," 2 p.m., Memorial Union Auditorium.

* * *

JAN. 11: Film Classic: "Planet of the Apes," 6 & 8:30 p.m., Jesse Auditorium.

* * *

JAN. 18: Film Classic: "The Flim-Flam Man," 6 & 8:30 p.m., Jesse Auditorium.

* * *

JAN. 1-31: Exhibit: "American Painting 1900-1950." Fine Arts Gallery.

* * *

JAN. 5-23: Exhibit: "Chromographs" from the Whitney Museum of American Art. Memorial Union Gallery.

* * *

JAN. 5-23: Exhibit: "Japanese Contemporary Posters," Brady Commons Gallery.

* * *

JAN. 7: Exhibit: "It's a Mad Mad Mad World in Art," 1:15 p.m., Columbia Art League. Sponsored by the Fortnightly Club.

CONFERENCES, INSTITUTES

JAN. 6-7: Tree Service Conference, 8 a.m., Memorial Union. Sponsored by the School of Forestry.

* * *

JAN. 9: Missouri Society for the History of Medicine, 4 p.m., M253, Medical Center. Sponsored by the department of information science. Speaker will be Charles F. Mullett, UMC professor of history.

* * *

JAN. 12: Outstanding Books in Business Series, Dean's Conference Room, B&PA Building. Sponsored by the department of marketing.

* * *

JAN. 15-16: Missouri Cattle Feeding Seminar. Sponsored by the College of Agriculture.

COURSES, WORKSHOPS

JAN. 8 and 15: Professional Engineering Refresher Course.

DEADLINES, OTHER EVENTS

DEC. 20: Christmas vacation begins, 12:30 p.m.

* * *

DEC. 22: Agriculture Department Chairman meeting, 8 a.m., Agriculture Building.

* * *

DEC. 25, 26, JAN. 1: Holidays for University non-academic personnel.

* * *

DEC 26, Jan. 9: Public Telescope Observing Nights, 8 p.m., 505 New Physics Building.

* * *

Jan. 2: Deadline for Stories for next Faculty Bulletin.

* * *

Jan. 5: Classwork Resumes, 7:40 p.m.

* * *

Jan. 16: Deadline for Stories for next Campus Columns.

SPORTS

VARSIITY BASKETBALL

Dec. 19-20—Sun Devil Classic at Tempe, Arizona
 Dec. 22-23—Sun Carnival at El Paso, Texas
 Dec. 26-30—Big Eight Tournament at Kansas City
 Jan. 5—University of Kansas at Columbia
 Jan. 10—Oklahoma State University at Stillwater
 Jan. 12—University of Oklahoma at Norman
 Jan. 17—Iowa State University at Columbia
 Jan. 31—Kansas State University at Manhattan
 Feb. 2—University of Colorado at Columbia
 Feb. 7—Iowa State University at Ames
 Feb. 9—University of Oklahoma at Columbia
 Feb. 14—University of Nebraska at Lincoln
 Feb. 16—Kansas State University at Columbia
 Feb. 21—Oklahoma State University at Columbia
 Feb. 23—University of Kansas at Lawrence
 Feb. 28—University of Nebraska at Columbia
 March 7—University of Colorado at Boulder

FRESHMAN BASKETBALL

Jan. 5—University of Kansas at Columbia
 Jan. 10—Crowder Junior College at Neosho
 Jan. 13—St. Louis JV at St. Louis
 Jan. 17—Iowa State University at Columbia
 Feb. 2—Sedalia State Fair Community College at Columbia
 Feb. 7—Iowa State University at Ames
 Feb. 9—Hannibal LaGrange at Columbia
 Feb. 21—Forest Park Junior College at Columbia
 Feb. 23—University of Kansas at Lawrence
 Feb. 28—University of Nebraska at Columbia

VARSIITY WRESTLING

Dec. 19—Forest Park Community College at Columbia (7:30)
 Jan. 9—Kansas State University at Columbia (7:30)
 Jan. 17—Nebraska and Minnesota at Lincoln
 Jan. 28—University of Oklahoma at Norman
 Jan. 29—Southwest Missouri State at Springfield
 Jan. 30—Central Missouri State at Warrensburg
 Feb. 4—University of Illinois at Columbia (7:30)

Feb. 14—Northwest Missouri State (Triple Dual) at Maryville

Feb. 18—Northeast Missouri State at Columbia (7:30)

Feb. 25—Western Illinois University at Columbia (7:30)

March 5—Southern Illinois University at Columbia (7:30)

March 13-14—Big Eight Championships

March 26-28—NCAA Championships at Northwestern

VARSIITY SWIMMING

Dec. 19—Ft. Lauderdale Swimming Hall of Fame

Jan. 8—University of Kansas at Columbia

Jan. 10—University of Nebraska at Lincoln

Jan. 30—Oklahoma State University at Stillwater

Jan. 31—University of Oklahoma at Norman

Feb. 13—University of Colorado and Northern Illinois University at Columbia

Feb. 14—University of Evansville and Western Illinois University at Columbia

March 5-7—Big Eight Championships

March 26-28—NCAA Swimming and Diving Championships, University of Utah, Salt Lake City, Utah.

University Offers Exams For College-Level Credit

Recognizing that the more important question is **what** education a person has gained rather than **how** he gained it, UMC is cooperating in a program to grant college level credit by examination.

The program, Project Missouri Circuit Rider, is authorized by the College Entrance Examination Board and administered by UMSL. It is designed to bring the College Level Examination Program (CLEP) to adults in out-state Missouri.

CLEP offers adults a chance to demonstrate what they have learned through independent study and reading, work experience, military service, correspondence and TV courses, on-the-job studies and other informal educational experiences and receive college level credit for these experiences. It is endorsed by the U. S. Armed Forces Institute, the Veterans' Administration, the American Institute of Banking and the Federation of Regional Accrediting Commissions.

Under Project Missouri Circuit Rider, CLEP examinations can be taken by interested persons in Columbia and test results sent to any participating college or university, including UMC, for possible college credit.

The tests are of two kinds—general and subject matter. No specific educational background is required. High school graduation is not a pre-requisite. There are no age limitations.

The general examinations cover five basic liberal arts subjects—English, humanities, social sciences, natural sciences and mathematics. They are most useful for those who have had no college work, or who have completed only a few credit hours. There is a \$15 fee for all or part of this battery of five tests.

The subject matter tests cost \$15 each. An individual who has completed some

college work can benefit from these, provided that he has not already taken a college-level course in the subject.

Subject matter examinations are available in the following subject areas: American government, analysis and interpretation of literature, college algebra, college algebra and trigonometry, computers and data processing, educational psychology, general chemistry, general psychology, geology, history of American education, human growth and development, introductory calculus, introductory economics, introductory marketing, introductory sociology, money and banking, statistics, tests and measurements, and western civilization.

For further information on this program, contact Don Zick, University-wide manager of employee training, 8th floor Lewis Hall, 449-8311.

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 307-309 Hitt St., 449-9168, or Room W-141, Medical Center, 442-5111 ext. 665. The following are representative of available openings:

Secretary-Stenographer with shorthand
 Meat Processor with meat-cutting experience

Medical Center:

Personnel Receptionist

Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.

A Nursing Technician Training Class begins Jan. 19. If you are interested in this program, call the Medical Center, 442-5111 ext. 665.

Computer Hours For Holidays

Hours that the Computer Center will be open during the holidays have been announced by Leon Johnson, assistant director of the Center.

The Center, located in the Mathematical Sciences building, will be open according to the following schedule:

Dec. 22-23: 8 a.m. to 9 p.m.
 Dec. 24: 8 a.m. to 5 p.m.
 Dec. 25-28: Closed
 Dec. 29-31: 8 a.m. to 9 p.m.
 Jan. 1: Closed
 Jan. 2: 8 a.m. to 9 p.m.
 Jan. 3: 8 a.m. to noon

Deans Favor

(Continued from Page 1)

President John C. Weaver.

Under the recommended calendar, registration would take place Aug. 24-25 and classes would begin Aug. 26, 1971. The fall term would be completed by Dec. 22. The winter semester would begin with class work Jan. 17 and would close May 15, a day before commencement. The 1972 summer session would extend from June 12 to Aug. 4, much the same as it does currently.

Graduate School and Research Notes

SUMMER RESEARCH FELLOWSHIPS—The Research Council has set Jan. 12 as the deadline for applications for Summer Research Fellowships and for summer salary support under the Assistant Professor Research Fund. Awards will be announced as soon as possible, probably by March 1. Because of the limited funds available for the Summer Research Fellowship program, the Council has set the stipend rate this year at 20 per cent of the academic year salary, up to a maximum of \$2,500. For further information, see the brochure "Assistance and Service for Research" or contact Graduate School, 449-9236. Assistant professors should use the regular Assistant Professor Research Fund application form.

ASSISTANT PROFESSOR—University-wide improvement funds for an Assistant Professor Research Fund have been established for another year. The Fund is designed to provide limited but essential support to exceptionally capable young staff members to assist in establishing their research and creative arts program.

NSF EQUIPMENT PROGRAM—Proposals to the NSF for instructional scientific equipment are due in Washington Jan. 30. Funds up to \$25,000 may be requested for scientific equipment and related expendables, teaching aids and reference materials to be used in any phase of undergraduate science education. Proposals must be based on an established plan for improvement in the content of a discrete instructional activity. Since matching University funds must be committed, proposals should be ready for submission at least one week before the deadline.

HEW ASSISTANCE—The Department

of Health, Education and Welfare put on sale this week, through the Government Printing Office, a loose-leaf descriptive compilation of all its programs, titled **Catalog of HEW Assistance**. The catalog describes 270 major HEW programs, and cost \$5.50. The Graduate School for Research has received a copy and interested staff members may use it.

NATIONAL HEART AND LUNG INSTITUTE—Because of the expanded functions of the National Heart Institute, which now include research, investigation and demonstration projects for the diagnosis and treatment of lung diseases, the National Institutes of Health has changed its name to the National Heart and Lung Institute.

HEW POSTDOCTORAL FELLOWS—Allowances for the dependents of postdoctoral fellows and trainees will be \$600 per support year for each dependent, HEW has announced. Awards for domestic travel allowances will be eliminated for students except in satisfied by a xeroxed signature.

POSTDOCTORAL ASSOCIATESHIPS—The Associateship Office of the National Research Council has announced a new Resident Research Associateship program at the Nuclear Effects Laboratory of the Ballistic Research Laboratories, Aberdeen Proving Ground, Edgewood Arsenal, Md. The purpose of the associateships is to provide recent recipients of the doctorate an opportunity for basic research in the various branches of science and engineering. The annual gross stipend is \$13,000 plus costs of travel and transportation of household effects (to the Laboratory only). Deadline for applications is Feb. 6. For application forms write: Associateship Office, Office of Scientific Personnel, National

Research Council, 2101 Constitution Ave., N. W., Washington, D. C. 20418.

WILSON INTERNATIONAL CENTER—The Woodrow Wilson International Center for Scholars is now seeking applications and nominations for scholars to be in residence next fall. The new fellowship and guest scholar programs will open in October, 1970, in the newly renovated, original Smithsonian Institution building in Washington.

When the fellowship program is fully operational, up to 40 scholars will be selected for periods ranging from a few weeks to several years. Emphasis will be placed on studies designed to increase man's understanding of significant international, governmental and social problems and to improve the organiza-

tion of society at all levels to meet such problems.

For those seeking fellowship appointments to begin between Oct. 1, 1970, and Jan. 15, 1971, nominations or applications should be received at the center by Jan. 15. All nominations and applications for openings in the first three months must be received by May 1, 1970.

Research and demonstration grant applications to the Social and Rehabilitation Service — due Feb. 1.

Grants in aid for research to the American Council of Learned Societies — due Feb. 15.

For information on any of the above programs, call the Graduate Office for Research, 449-9236, ext. 39.

Merrily Culwell to Take Part In Lyric Opera Competition

Mrs. Merrily Culwell, assistant professor of music, won regional auditions and will compete in the national finals in March in the WGN-Chicago Lyric Opera competition.

A soprano, Mrs. Culwell will be presented on the Illinois Opera Guild television showcase series, "Auditions on the Air," prior to the national finals which are to take place on the stage of the Chicago Opera House. Some 60 singers competed in the regional auditions in which she was the winner.

Mrs. Culwell has made three recordings with the University Collegium Musicum ensemble since she joined the

UMC faculty in 1965. She also has participated in numerous recitals and concerts throughout the state and has served as state vocal chairman for the Missouri Music Teachers Assn.

She will fill several engagements this month. She will be soloist with the University Chorus and String Quartet in Bach's Christmas Oratorio Dec. 12, in the Missouri United Methodist Church presentation of Vivaldi's "Gloria" Dec. 14, at the Jane Froman Music Center Christmas program in Arrow Rock Dec. 20-21, and at the national convention of the National Assn. of Teachers of Singing in Cleveland, Ohio, Dec. 27.

No. 1 Whether Forecasts: In Like Lion, Out Like Lamb



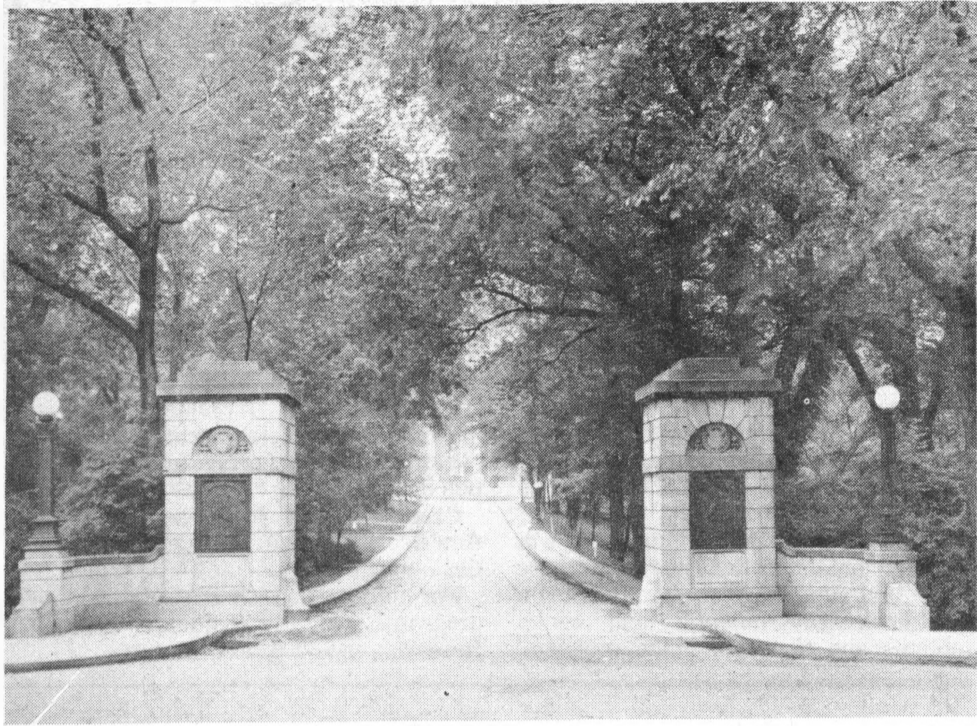
Bowl appearances of the Missouri Tiger football team could have become "old hat" after 10 appearances in the last 30 years, but exhaustion of ticket supplies even before they were received for the Orange Bowl appearance with Penn State seems to indicate otherwise.

Under Coach Devine, the Bengals have won their last four bowl games — two without completing a pass. Odds are that with Terry McMillan in the line-up, that statistic won't recur against the Nittany Lions.

Missouri's bowl competition dates back to the 1969 season when Pitchin' Paul Christman led the Tigers into the Orange Bowl against Georgis Tech, where they dropped a 21-7 decision.

Since then Missouri earned bowl appearances in 1941, the Sugar Bowl with Fordham winning 2-0; 1945 in the Cotton Bowl with Texas winning 40-27; in the Gator Bowl in 1948 with Clemson winning 24-23; in the Gator Bowl in 1949 with Maryland winning 20-7; in the Orange Bowl in 1959 with Georgia winning 14-0; in the Orange Bowl in 1960 with Missouri defeating Navy 21-14; in the Bluebonnet Bowl in 1962 with the Tigers defeating Georgia Tech 14-10; in the Sugar Bowl in 1965 with the Tigers defeating Florida 20-10, and in the Gator Bowl in 1968 with the Tigers defeating Alabama 35-10.

Coach Devine has a 4-1 winning record in bowl appearances — and it might have been better as six of his teams earned bowl invitations and in nine of the last 11 years his teams have ranked nationally among the top 20 football powers.



Know Your University

The Gateway to Francis Quadrangle, opening from the south end of Eighth Street to the older area of the campus, contains the cornerstone of the original Academic Hall, first building of the University, dedicated in 1840 and destroyed by fire in 1892. The cornerstone was placed in the west pillar when the pillars were constructed in 1915 with funds appropriated by the Congress as compensation for damages resulting from the occupation of University facilities by federal troops during the Civil War. One pillar of the Gateway bears the bas-relief portrait of Major James S. Rollins who was given the title "Pater Universitatis Missouriensis" (Father of the University) by the Board of Curators in 1872. The portrait of John Hiram Lathrop, the University's first president, is on the opposite pillar. The portraits were dedicated in 1929.

Secretary Work Piled Up? Call Stenographic Services

Work piled up and the secretary ill? Don't push the panic button. Call Mrs. Pat Miles at Stenographic Services, 449 9749.

Located at 309 S. Fifth St., Stenographic Services provides part-time and temporary help to meet sudden, heavy work loads or fill in for ill employees. Temporary help may be for an afternoon or a period of up to two months. This includes leaves of absence

due to pregnancies which are normally six weeks. Mrs. Miles has approximately 40 people on standby in Steno Services.

This service, which was initiated in August, 1966, under the direction of W. D. Poore, is now under the direction of C. B. Strawn, Columbia campus personnel officer.

There is a service charge for this assistance to cover operating expenses.

Work may be done in the requesting department's office or at the Stenographic Service's office. All types clerical and stenographic work are handled by the girls. Dictating machines and a mimeograph machine are available for material sent over to 309 S. Fifth. The dictating machines are prepared to transcribe tapes on Stenorette, IBM and Norelco transcribing machines and 3M tapes.

Since its inception, Steno Services has handled more than 900 requests—both in its office and offices of requesting departments.

As with most offices on campus, the busiest periods are the beginnings and ends of semesters.

Mrs. Miles, unlike most supervisors, likes to hire pregnant women. "I don't hesitate one minute," she says. "Many of them have excellent work experience. Many have University degrees and are well-qualified."

Mothers of school children find Steno Service's schedules to their liking. Many can work from 9 a.m. to 3 p.m. Women are hired on a full-time, temporary, part-time or student basis.

Potential customers of Steno Services should call a few days in advance if possible. However, Mrs. Miles can usually handle requests on the same day the help is needed.

An Interdepartmental Order (IDO) should be submitted to Steno Services. When the help comes to the department, her work hours have to be approved by the requesting supervisor.

Results have been gratifying. Several departments have written complimentary and thank-you letters to Stenographic Services, praising the excellent service they have received from their part-time or temporary help.



Glen R. Driscoll has been appointed Chancellor of the St. Louis campus, it was announced recently. Driscoll, who succeeds James L. Bugg Jr., who resigned in May, assumes his new position immediately. Driscoll has served as dean of the faculty since July 1, 1968, as well as acting chancellor of the campus since May 15, 1969. He joined UMSL in 1964 as chairman of the division of social sciences and professor of history. He was appointed dean of the College of Arts and Sciences in 1965 and served in that capacity until 1968 when he became dean of the faculties.

Coach Was All-America

Stewart's Return Brings Basketball Rejuvenation

In the 1950's when the Big Eight Conference was the Big Seven, an all-state basketball player from Shelbyville came to the University where he played well enough to make the Helms All America team. That Alumnus rejoined the Tigers in 1967, but this time in a new capacity—as head coach.

Norm Stewart, personable, athletic, accepted the head coaching job in the spring of 1967, a time when Missouri's basketball fortunes were low, and a time when Stewart's previous program was sounder than ever. There wasn't any doubt what to do when the opportunity opened up though.

"I had had some coaching experience as head coach at SCI (State College of Iowa at Cedar Rapids) and had some success thanks to some good ball players," the blond, 6' 4" Stewart says. "This job was advancement which is what I was looking for. It's what any coach who is successful looks for."

The former all conference selection for two years replaced Bob Vanatta, who resigned to accept an administrative position with the University. When Stewart stepped on the court at Brewer Field House earlier, his responsibilities were much different than now. Then he had certain things to do,—shooting, moving, rebounding and he did them well.

Playing under coach Wilbur "Sparky" Stalcup, Stewart tossed in 1,112 career points in 64 games (still fourth highest among Tiger players), held a 24.1-point average his senior year and set a Missouri game-high total (at that time) of 36 points against Colorado. The former Tiger captain also pitched for Missouri's NCAA championship baseball team in the mid-1950s.

While still an undergraduate, Stewart did more than just excel in athletics and go to school—he met someone very special, his wife, a former homecoming and Show Me queen at UMC.

"She was in lots of queen contests and sang in a skit one night in the dining hall to boost her campaign. Then one day I walked up behind her in the Student Union and sang the same song to her."

Two years later, Stewart's senior year, he and Miss Virginia Zimmerley were married. They have three children—Jeff, 12; Lindsey Scott, 9; and Laura, 6.

After a brief professional career with the Baltimore Orioles baseball team and the St. Louis (basketball) Hawks, Stewart returned to his Alma Mater, first as part-time assistant and then full-time staff member working with Missouri's basketball teams. He also earned his master's degree in education during that period.

In 1961 Stewart left for his first head coaching job, at SCI, a stay he remembers now with satisfaction.

"I stepped into a good program there. The team had been down a little, but was on its way back. I was able to maintain the program and improve upon it, I thought." During Stewart's tenure as head coach, SCI's cagers won 97 and lost 42 games and won conference titles in 1961-62 and 1963-64.

Stewart also earned a distinction at the Iowa College. "I am the only head basketball coach SCI ever had. Before I came, it was called Iowa State Teachers College and was renamed University of Northern Iowa after I left. I don't know whether I had anything to do with that or not!"

At 34, Stewart hardly has time to reflect, but when he thinks about why he is in coaching today, he says "it's the association with young people primarily that makes it all worth while. For example at the Indiana game, the announcer involved with the TV equipment (sending the game back to Indiana) had played for me at SCI. He called me up the night before the game, and we got together. The day of the game, two former players of mine came into town and we got together. That's the type of association I mean."

With the Tigers' 105-70 win over Northern Michigan University Saturday night, Stewart's basketball fortunes here passed the break-even mark at 28-27 games won and lost. It puts the Tigers at 4-0 on the season with a eight-game win streak including last season. The road has not been easy since Stewart took over a program which sported a 3-21 record the year before.

"When I started, we first decided we wanted to be respectable and competitive. With the boys we had, our seniors now, we had the hustle to be competitive almost right away. Then last year we had better luck and were respectable, although we couldn't win the really close ones like we should have."

"This year, it's still early, but to do well, we will have to improve as we go along. We have quite a bit of experience, which makes it harder to improve, but we've got to."

"I can see a couple of Big Eight teams this year like Colorado and Nebraska which conceivably could go through the conference schedule with 13-1 records. We will have to get consistent to stay with teams like that."

Any predictions for Missouri this year? "We're started off right, but then our schedule favors us early with so many home games. Later in the conference schedule it gets harder with more games on the road."

But Missouri's cage outlook is bright, the brightest in several years with the Shelbyville product in charge—someone who knows both sides of Tiger basketball well and is proving it.



NORM STEWART

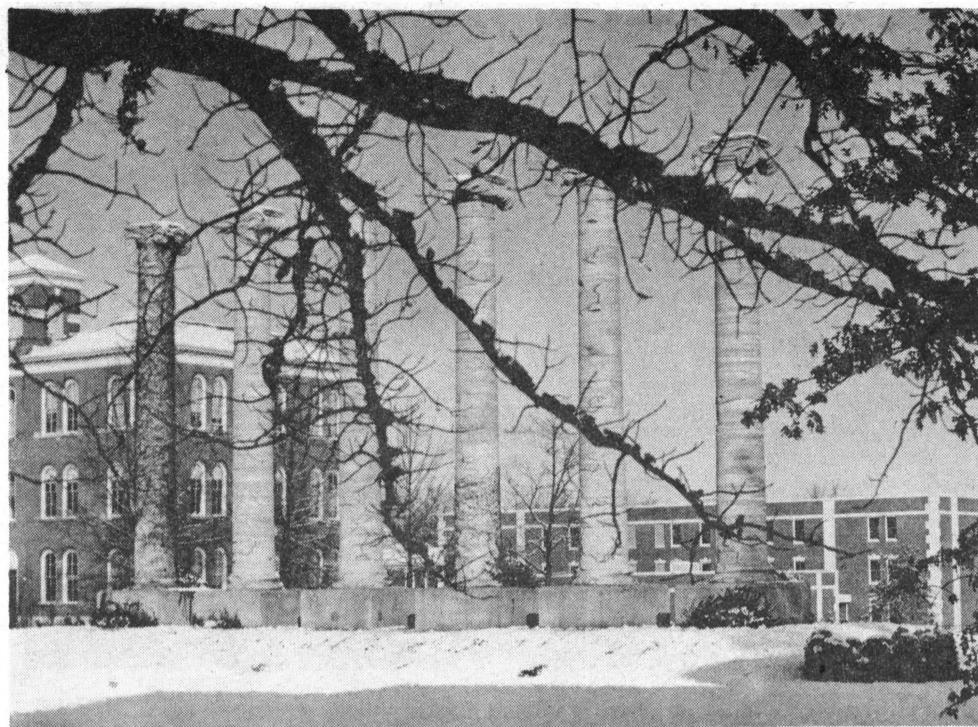
Computer Center To Offer Courses

The Computer Center will offer several non-credit, no-fee short courses during the winter semester. These are open to faculty, staff and graduate students. Two sessions of each course will be given; enroll for one only.

To enroll, contact the Computer Center receptionist, 8 Mathematical Sciences, 449-8376, Ext. 266. Class enrollment will be closed when the room is filled to capacity.

Courses to be offered are:
Fortran: First session, Feb. 9-March 13. Second session, April 6-May 15. Classes will be from 4:30 to 5:30 p.m., Monday, Wednesday and Thursday, in 13 Mathematical Sciences.

PL-I: First session, Feb. 9-March 13. Second session, April 6-May 15. Classes will be from 4:30 to 5:30 p.m., Monday, Wednesday and Thursday in 14 Mathematical Sciences.



The first snow . . .

Safety News and Views

Suggested Ten Commandments for Safe Driving

1. Thou shalt hold nothing but the steering wheel.
2. Thou shalt not make onto thee a god of thy horsepower.
3. Thou shalt not take the center lane in vain.
4. Thou shalt remember the driver behind and let him pass.
5. Honor thy father and mother and thine other passengers.
6. Thou shalt not kill any pedestrians.
7. Thou shalt not commit drunken driving.
8. Thou shalt not steal thy neighbor's eyes with thy headlights, nor his ears with thy horn, nor his enjoyment with thy litter.
9. Thou shalt not bear false witness with thy signals.
10. Thou shalt not covet thy neighbor's right-of-way.

CAMPUS COLUMNS

Campus Columns is published monthly except August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least a week prior to publication. Office: 444-9189.
Editor: Kay Mariea

Secretary Sets Boss's Value

What is the value of a good secretary? According to a University of Michigan business expert, a good secretary can double an executive's worth to his firm, whereas a poor secretary can halve his worth.

A good secretary compliments a wife's role, says Thomas Connellan, editorial director of the school's Bureau of Industrial Relations and a management consultant to several large corporations.

"Wives help their husband-managers to succeed by providing tranquility on the home front, while the secretary does the same thing on the office front. A good secretary can double a boss' effectiveness."

He attributed the smooth flow of many executive offices to a secretary who takes care of routine matters and determines priorities, without bothering her boss.

* Serve as a filter, handling all the items she can and letting through to her boss only those important matters deserving his full attention.

* Determine priorities for him while he's out of town. For instance, she can sort his in-basket into four piles—things to sign, high-priority items, things requiring only routine handling and junk mail.

* Keep her eyes open and be quick to spot ways in which the boss can help his organization perform better.

Retirements

David C. Easley, leadman in the Mason Shop at the Physical Plant, retired because of disability Feb. 5, 1969. Easley first joined the University as a tuckpointer July 2, 1962, and assumed the position of leadman in November, 1965.

Recipe Of The Month

Ethel Joplin, education assistant with University Extension, submitted the following recipe for Campus Columns readers. Sounds delicious for a holiday season treat, doesn't it?

APPLE-FILLED OATMEAL COOKIES

- 1 cup finely diced apple
- ¼ cup dark raisins
- ¼ cup chopped pecans
- ½ cup granulated sugar
- 2 tablespoons water
- 1 cup butter or margarine
- 1 cup brown sugar
- 2 eggs
- 2 cups sifted all-purpose flour
- 2 teaspoons baking powder
- ½ teaspoon salt
- ½ teaspoon cloves
- ½ cup milk
- ¼ cups quick-cooking rolled oats

In saucepan, combine first five ingredients. (apple, raisins, pecans, granulated sugar and water). Cook and stir till thickened and apple is tender, about 10 minutes. Cream butter and brown sugar till fluffy; beat in eggs. Sift together dry ingredients; add to creamed mixture alternately with milk. Stir in oatmeal. Set aside about ¼ cup of the dough. Drop remainder from teaspoon onto greased cookie sheet. Make small depression in center of each cookie; top with apple filling and small amount of the reserved dough. Bake in moderate oven (375 degrees) for 10 to 12 minutes. Makes about 3 dozen cookies.

(Do you have a favorite recipe you'd like to share with Campus Columns readers? Send it to Campus Columns, 223 Jesse Hall.)

Emergency Procedure Set

Emergency procedures in cases of interruption of utility services or if a campus watchman is needed have been announced by R. C. Simmons, superintendent of the physical plant.

This would include such items as interruption of water, gas, electricity or steam supply; sewer stoppage; and defective lamps which are essential for operation.

On normal workdays, Monday through Fridays, 8 a.m. to 5 p.m., all calls should be directed to the Work Order Desk, Physical Plant Department, 449-9101, Ext. 235. At any time on Saturdays, Sundays, holidays or after hours call the Watch Office, 449-9528.

On all emergency calls, the caller should state his name, as much information on the nature of the emergency as is available and the exact location of the emergency.

The Medical Center, Medical Sciences Building, McHaney Hall, TD-3 and TD-4 should contact the Medical Center Maintenance Office, 442-5111, Ext. 678.

Obituaries

Claude D. Calvert, retired storekeeper, died Nov. 28, 1969.

Ralph L. Scorah, professor of mechanical engineering, died Nov. 17, 1969. He started with the University Sept. 1, 1935, as assistant professor, was promoted to associate professor in September, 1939, and to full professor in September, 1942.

Esther M. Mason, retired secretary to the dean of the School of Law, died Nov. 12, 1969.

Charles Henry Voorheis, University employee since May 2, 1956, died Nov. 2, 1969. He was first employed as a watchman, then became a floor maintenance man in August, 1960, and janitor in July, 1968.

James B. Morris, retired animal caretaker, died Nov. 13, 1969.



Four members of the piano faculty watch a fifth member, Raymond C. Herbert, practice on UMC's new Steinway concert grand piano received Friday. The new instrument will remain in Jesse Auditorium and will be used by faculty and students as well as guest artists performing at UMC. Herbert was the first to play on the 1,400-pound piano when he performed Tuesday as soloist with the University Symphony Orchestra in its all Beethoven program in Jesse Auditorium. Herbert played Beethoven's First Piano Concerto in C Major, Opus 15 for the program. Charles L. Emmons, UMC professor of music, conducted the orchestra. From left are Jan Blankenship, Miss Marion Barnum, Richard Morris and Miss Bonnie Bromberg.

Construction Bids Accepted For Chemistry Addition

The Board of Curators has accepted low bids totaling \$3,733,466 for constructing an addition to the UMC Chemistry Building.

The addition, consisting of a ground floor and three stories, will be used for teaching undergraduate and graduate students and for research programs. Most of the space will be devoted to laboratory facilities, although there also will be offices, a seminar room, an instrument room, receiving and storage areas, a cold room, a lecture room, an x-ray room and a conference room.

Bids on the project were opened Nov. 25. The successful bidders, the work they will perform and their bids are:

John Epple Construction Co. of Columbia, general construction, \$1,826,250.

Paragon Heating & Plumbing Co. of Kansas City, Mo., plumbing, heating,

ventilating and air-conditioning, \$1,520,300.

C. J. Hervey Electric Co. of St. Louis, electrical work, \$386,896.

The addition will be built on College Ave. between the new Physics Building and the present Chemistry Buildings, Schlundt Hall and Schlundt Annex. The northeast section of the addition will be attached to the south side of Schlundt Annex.

Construction of the addition is expected to take about two years.

New Holiday Policy Set By Curators

The Board of Curators approved a revision in the University's holiday policy, effective Jan. 1, for full-time non-academic employees.

The new policy states:

"When a holiday falls on a Sunday, the following Monday will be observed as a holiday. When a holiday falls on a Saturday, the preceding Friday will be observed as a holiday."

Holidays subject to be affected by the new policy change might include New Year's, Memorial Day, Independence Day and Christmas. The University also observes two days at Thanksgiving, Labor Day and one additional day each year designated by the University.

The policy is in keeping with practices of other state and national organizations.



Melvin D. George, 33, UMC professor of mathematics, has been appointed the new dean of the University of Nebraska College of Arts and Sciences, effective June 15, 1970. Dr. George, a native of Washington, D. C., is currently on leave from UMC for the fall semester as visiting research professor at the Institute of Statistics at Texas A and M University. He has been on the faculty here since 1960 and served three years as associate dean of Graduate School and director of Research Park.

Highlights of actions taken by the Board of Curators at its meeting in Kansas City Dec. 12:

- Approved preliminary plans for a building to house the new Medical School on the Kansas City campus.

- Accepted low bids totaling \$3,733,466 for constructing an addition to the Chemistry Building on the Columbia campus.

- Approved increases in rates for University residence halls (effective September 1, 1970).

- Approved revisions in the University retirement, disability and death benefits plan.

New Titles Approved For Schiffman, Hahn

The Board of Curators approved a change in the title of Robert H. Schiffman, director of the Space Sciences Research Center and associate professor of bioengineering at UMC. In addition to retaining his other titles, Schiffman is now associate professor of veterinary physiology and pharmacology. The change was made effective as of Sept. 1.

In other action, the board approved a change in the title of Allen W. Hahn, UMC professor of veterinary medicine and surgery and investigator in the Space Sciences Research Center. Hahn retains his previous titles and becomes also professor of bioengineering. The change was made effective as of Nov. 1.

Before coming to UMC in 1967, Schiffman was program director of the biosatellite project at the brain research institute at the University of California—Los Angeles. There, he was responsible for coordinating the UCLA efforts with other experiments at the University of Southern California and the University of California—Berkeley; with the NASA project office; and with several UCLA industrial subcontractors.

He was also a member of the study group that initially organized the biosatellite project, including the selection of experimenters, building facilities and coordinating the activities of experimenters, building facilities and coordinating the activities of experimenters and consultants from universities and industry.

Schiffman received his Ph. D. from Michigan State University in physiology and a M. S. from the University of Illinois.

Prior to coming to UMC in May of this

year, Hahn was professor of biological sciences at Drexel Institute of Technology, Pa.

He holds a B. S. in Agriculture and a Doctor of Veterinary Medicine, both 1958, from the University of Missouri, a M. S. in biomedical engineering and a Ph. D. in chemical engineering from Drexel Institute of Technology. He has been with Drexel Institute since he held a National Heart Institute special fellowship to that school from 1962 to 1966 for graduate studies in biomedical engineering. Earlier, he had been with the School of Veterinary Medicine at the University of Pennsylvania and the School of Veterinary Medicine at Auburn University.

Hahn's research interests are comparative aspects of cardiovascular performance and disease in non-human species; biological power sources; vascular hemodynamics and their simulation; transmission, detection and recognition of biological signals, especially the electrocardiogram; command and control of artificial ventricles; and physiologic aspects of liquid breathing. He has served as a consultant in his fields and is author of numerous scientific publications.

More Student Cars Allowed

A change in traffic regulations which will provide less restrictions for UMC students has been announced by the Board of Curators. It will remove "scholastic probation" as a means for determining students' use of automobiles.

The recommendation was made by the campus committee on traffic and parking, headed by Professor Edward H. Hunvald Jr., and composed of other faculty and students.

Hunvald said the committee felt a student's use of a car should not depend on whether he is making good grades. Traffic regulations should not be designed to control academic performance, he added.

Driving privileges may still be denied or limited in some instances to a student who is on disciplinary probation, and the Traffic and Parking Committee may also revoke a student's driving privileges if he violates traffic or parking regulations.

As it stands now, the only major restriction on operation of cars is the restriction on freshmen having cars.

Garrels Named Visiting Professor

The Board of Curators has approved the appointment of Robert M. Garrels, a geochemist with Scripps Institute of Oceanography, La Jolla, Calif., as UMC visiting professor of geology.

Garrels' appointment is for a two-week period in March, 1970, when he will lecture before classes, seminars and conferences in the department of geology. His lectures will be in the field of geochemistry, which relates to low temperature and low pressure reactions in aqueous solutions.

Garrels holds a B.S. from the University of Michigan and M.S. and Ph.D. from Northwestern University. Before joining Scripps Institute he was a professor of geology at Northwestern University and, from 1955-65, taught at Harvard University.

His memberships include the Geological Society of America, the National Academy of Sciences, the American Chemical Society, the Mineralogical Society, the Society for Economic Geologists and the American Academy of Arts and Sciences.

Board Meeting Highlights

- Authorized changes in traffic regulations which will provide less restrictions for students at the Columbia campus.

- Approved revisions in the University's holiday policy whereby a holiday falling on a Sunday will be observed the following Monday and a holiday falling on a Saturday will be observed the preceding Friday.

- Approved renaming two academic sections of the UMC School of Medicine. Effective Jan. 1, the sections of ophthalmology and physical medicine will be called departments.

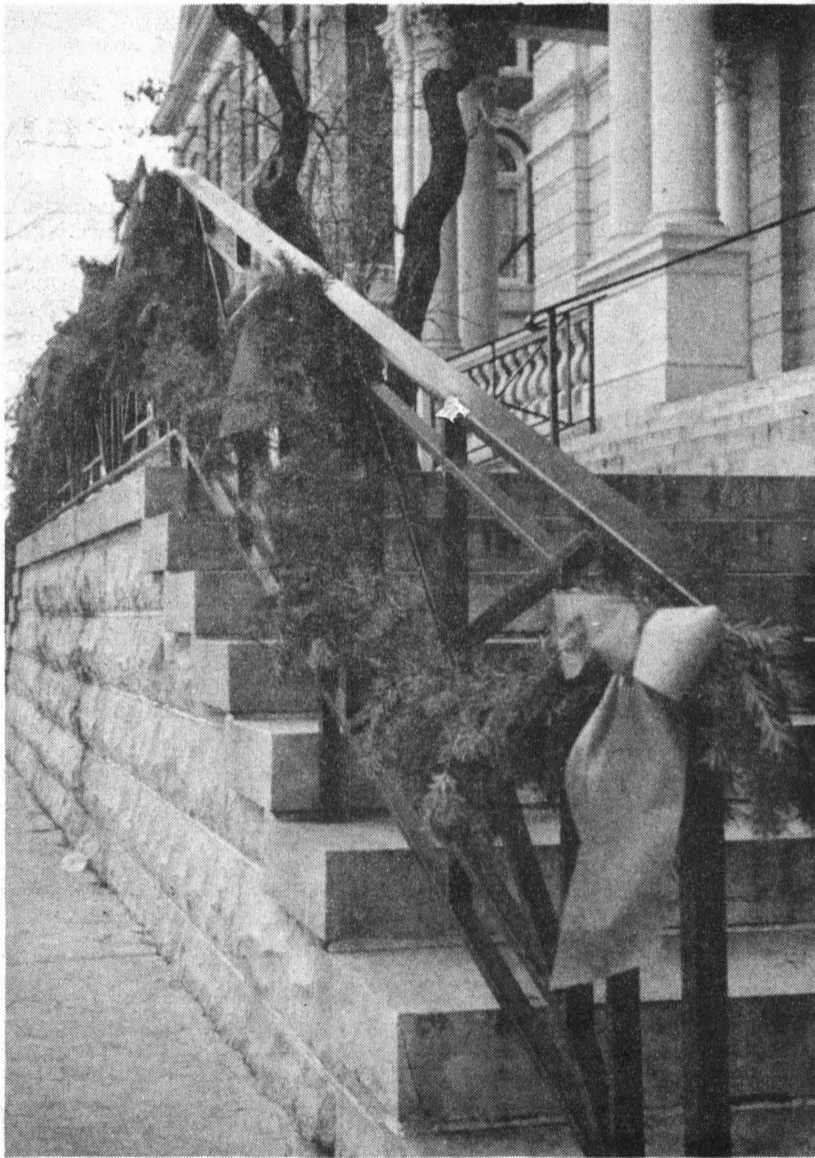
Christmas at the University



Campus Chest Tree, Jesse Hall



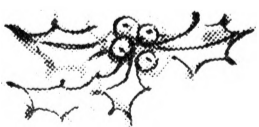
June Hu's first Christmas at UMC



Back of Jesse Hall



Chancellor's Door



Ira Powell with Missouri Statesmen and Melody Maids in Christmas Concert



Elroy Stemmons with law student Jim Speck

President Weaver Seeks Faculty, Student Views

President John C. Weaver, in his report to the Board of Curators at a December meeting, reported that he is attempting to enlist greater student and faculty participation in the review of rules and regulations of the University.

President Weaver specifically mentioned that campus and University-wide committees, involving both students and faculty, are currently reviewing policies dealing with such matters as standards of student conduct, professional responsi-

bilities of faculty and academic tenure. Since a high degree of interest in these matters has been expressed by students and faculty, he emphasized his desire to see a thorough evaluation of all these policies by the faculty, and, in the instance of student conduct standards, by the students.

The standards of student conduct were recently reworded and expanded by the Board during a review and codification of all Board rules and regulations. Weaver has asked the University-wide Committee on Student Affairs to study these standards and invite students and faculty on all campuses to make recommendations for improvements.

A 1949 Board by-law on teacher absence from class is also being reviewed for possible clarification. Weaver will ask for faculty recommendations in writing this revision. Questions concerning Board policy on professional responsibilities of the faculty and staff were raised recently because of Board response to the Oct. 15 moratorium. Weaver said the policy "clearly needs" revision.

While tenure regulations are included in the Board's collection of rules and regulations, no changes have been made. Committees on each campus, however, are studying the regulations. The chairman of each campus committee, Weaver stated, has invited the faculty to make recommendations, but no tenure policy changes have yet been recommended.

Weaver emphasized that it was his intention to have faculty and student involvement in these matters and that he is asking various faculty and student committees for suggestions and recommendations.

McFall Named To New Post At Med Center

Larry McFall has been appointed as the new assistant to the director at the Medical Center.

McFall came to the Medical Center from Grady Memorial Hospital in Atlanta, Ga. He had worked there as an administrative resident as a requirement for his master's degree in hospital administration. He received his M. H. A. from Georgia State College in October of this year. Before working on his degree, McFall had worked for the U. S. Public Health Service. He started that job after receiving his B. A. in 1963 from Mississippi State University.

McFall also has been appointed as an instructor in the department of community health and medical practice.

McFall and his wife Betty have two sons, Mike, 5, and Mark, 1.



The Traffic Control Division of the UMC Traffic Safety and Security Department moved into new quarters Nov. 19. The new offices are at 816 Conley. All functions dealing with traffic control, including traffic violation appeals and parking and registration permits, are now housed there. This relieves the congestion that existed in the old offices. The other divisions, the campus Patrol Division and Investigation Division, remain across the street at 900 Conley.

Motivation, Interests Keep Elroy Stemmons Happy

There is no lack of motivation for Elroy Stemmons as he goes about his janitorial duties at Lee H. Tate hall, home of the School of Law. Back home in Rocheport he has a wife and seven children—a son, 19 years old, and six daughters ranging in age from nine to nearly 16.

A driving force in his daily work is a determination to make it possible for the children to get an education. Elroy himself didn't finish high school, and he wants to see that his youngsters go further educationally.

He would like to do something about adding to his schooling—but there aren't enough hours in the day to allow for it. In addition to working from 3:30 p.m. to 11:30 p.m. on the Columbia campus, he does various jobs before reporting to Tate Hall, and sometimes after that.

"Anything honorable to make a fast dime," as he puts it.

Elroy is a familiar and friendly figure working on the first floor and in the basement of the Law School where he is known by faculty, staff and many students. He'd like to listen more as the future lawyers discuss current events and legal issues, but he has to move on with his work. His best time to get acquainted with students is during the nightly coke break.

Elroy's area of responsibility in Tate Hall includes three classrooms on the first floor, the University General Counsel offices, the Law Review offices,

and the courtroom in the west wing, all at ground level. His work trousers wear out first around the areas of his pockets as he moves about stationery desks and chairs attached to the floor of the courtroom. He is convinced that Tate Hall requires more than usual cleaning services because its doors are open early and late for a steady flow of student traffic.

A jack-of-all-trades—Elroy Stemmons manages some work at a farm and is adept at yard cleaning, painting and a host of other tasks — he has lived in his native Rocheport all of his 39 years except for two years in Fayette when he was 19 and 20. On Jan. 2 he will have been a regular UMC employee for seven years.

His three oldest daughters go by bus each day to the high school in New Franklin, and three younger ones attend the elementary school in Rocheport. The son is a graduate of the New Franklin high school and has joined the National Guard.

Except for weekends, Elroy doesn't see much of the youngsters because of his long working day, but more important to him is the fact that they are in school, and he intends to keep on working such a schedule until they get more formal schooling than he did. If that comes about, he can look back on the myriad jobs and the long hours with the satisfaction of "mission accomplished."

CAMPUS COLUMNS
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When You Trade In Your Car, Remember Your Parking Sticker

UMC faculty and staff can save themselves headaches and wasted time when they trade cars if they remember to scrape off parking lot stickers and turn them in when they apply for new stickers.

If they don't, personnel may find that obtaining a new sticker is troublesome and time-consuming. In some cases, they can wind up being charged for someone else's traffic violation.

If a faculty or staff member trades cars and doesn't bring the scraps of his old lot sticker when he tries to get a new one, he must prove the old sticker has been lost or destroyed. This time-consuming process includes writing an official letter of explanation to the Traffic Control Division, 816 Conley Ave.

Also, if the old car is sold to someone in the Columbia area, for example, to a student or someone who visits the campus often, these people may try to use the sticker to park on UMC lots. They take spaces away from paying parkers and result in the original owner being

charged for a traffic violation if the car is parked illegally or on the wrong lot.

Many faculty are gone during the summer months or on leaves of absence at varying times. Since faculty parking stickers are renewed automatically, these people are charged for the parking space assigned to them if the Traffic Control Division isn't notified.

Personnel ending their employment should bring in their lot stickers to the Traffic Control Division. Otherwise the lot is assumed to be full and someone who needs a parking space is unable to obtain one.

Only a limited supply of the General Catalog is available at the present time, the publications office has announced. Because of this, only catalog requests from deans' offices will be honored.

Super-Secret

No action means no medical benefits for you and your family.

This item about the Medical Benefits Program changes is of critical importance. If you are currently enrolled in this program and wish to continue with Medical Benefits you must re-enroll no later than Jan. 31. To re-enroll, complete the enrollment card included in the Medical Benefits Program brochure sent to you in December and return this card to the campus personnel office.

If you do not complete and return a new enrollment card before Jan. 31, the medical benefits you currently have will terminate. Please give this your careful attention and follow up with the re-enrollment card to continue your medical benefits. If you have not received materials, contact the personnel office, 309 Hitt St.

CAMPUS



COLUMNS

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 1, No. 5

January 23, 1970

State Legislature Considers Power Plant Appropriation

What good are campus buildings if you can't use them? What good would several new buildings now under construction be if they couldn't be put into service? This possibility currently exists at the University's Columbia campus.

For this reason, a request for \$6.4 million for UMC's physical plant is among emergency appropriations currently being considered by the state legislature in a special session which began Monday.

Expansion of the central heating and power plant facilities on the UMC campus is the University's single most urgently needed capital improvement. New buildings recently put into use and others scheduled for completion will place additional burdens on the present plant facilities to provide adequate heat and electricity. The plant already is functioning at near-capacity levels with no standby equipment in reserve for breakdowns or other emergencies.

If the University's emergency budget request is favorably considered at the current special session, it is likely the first bids could be sought by next month. Six to eight bids will be taken for all the work involved. Provided

the request is approved and construction and installation goes as planned, the new facilities could be in operation in March, 1972.

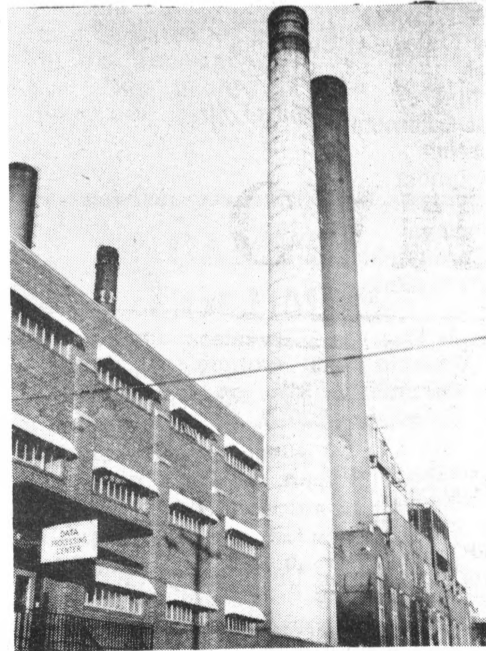
A period of bad weather, however, could create problems. If there were a long span of extreme cold during the 1971-72 heating season, there could be severe consequences such as heat might have to be rationed to buildings, University officials have reported. Some buildings would have to be closed and occupants moved to temporary facilities, while the vacated buildings were maintained with just enough heat to prevent freezing.

The request for \$6.4 million includes installation of an additional boiler and turbo-generator and auxiliary equipment, expanded coal storage and handling equipment, additional water treating facilities and building and electrical improvement.

Changes in the existing power plant to accommodate this additional equipment primarily will come in the form of extensions of present buildings rather than new building construction.

The most noticeable external change will be elimination of the white smoke stack on Stewart Road. The stack will be removed to make space for the new boiler, Robert Simmons, physical plant supervisor said. The present boiler room building will be extended to the east wall of the Data Processing Building to provide space for the new boiler and an additional boiler planned for the future.

"The engine room's north wall will be extended northward to house the new turbo-generator and additional switch gear," Simmons said. "Existing garage and storage facilities west of the power plant also will be removed and the coal storage area extended westward to the custodial supply building."



The white stack will go up in smoke if the State Legislature passes emergency appropriations for a new power plant.

Faculty Meeting

There will be a UMC faculty meeting at 3:40 p.m., Feb. 11, at Jesse Auditorium. The agenda includes action on the recommended calendar for 1971-72; hearing of the report of the Honorary Degrees Committee; and discussion on faculty-administration relations.

College of Agriculture Marks Centennial Year

The College of Agriculture is observing a special birthday in 1970 — its 100th. College staff members have invited all Missourians to join in observing this special Centennial event.

Back on Feb. 24, 1870, Missouri Governor Joseph W. McClurg signed a bill, passed earlier by the State Legislature, establishing the College of Agriculture. To mark this event of 100 years ago, and of developments in agriculture during the past century, UMC Chancellor John W. Schwada has declared 1970 as College of Agriculture Centennial Year.

College of Agriculture Dean Elmer R. Kiehl and his staff have developed a calendar of events to be held during 1970. These events are intended to call attention to the different College programs and plans for the future. The first of these special events is scheduled for Feb. 6 and it will be held during the annual Ag Day program in the new Livestock Center.

Right now — in 1970 — the College of Agriculture has teaching, research, and extension programs.

Teaching is the oldest of the three programs. The first course in agriculture at the University opened Sept. 27, 1870. Six students enrolled in the course — practical agriculture.

Through the years, an ever increasing number of courses have been offered, and more and more students have enrolled. For this school year 1,617 UMC students are enrolled in the College of Agriculture. Associate Dean Homer C. Folks is in charge of the College's teaching program.

Enrollment has been increasing steadily in recent years. In the past six years enrollment has increased from 1,028 in the 1964-65 school year to the

present 1,617. This is more than a 35 per cent increase.

UMC's College of Agriculture now ranks eighth in number of students enrolled.

The Hatch Act, passed by Congress in 1887, provided the basis for the beginning of the College's research program. Approximately 250 research projects are now carried by College research staff. Associate Dean Richard J. Aldrich directs the College's research program as director of the Agricultural Experiment Station.

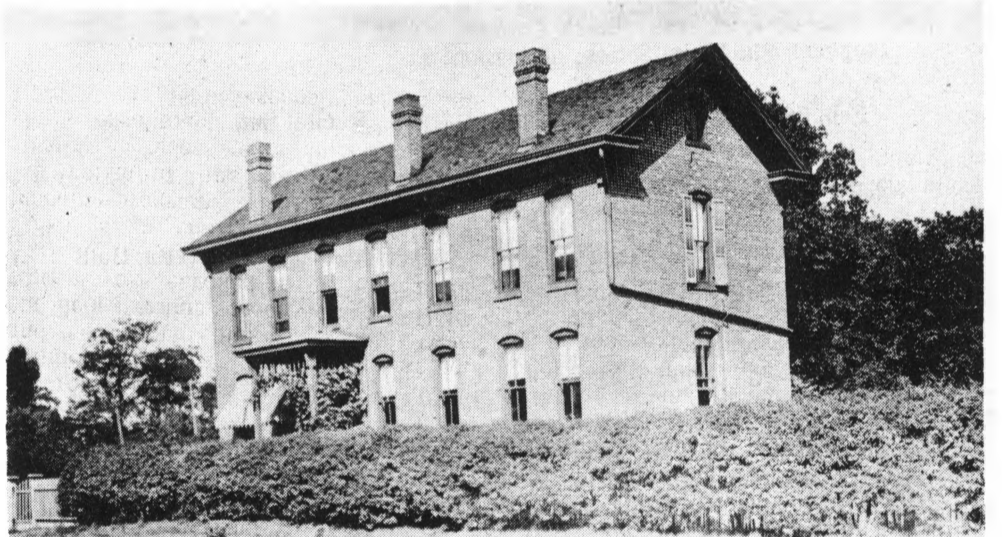
Col. William H. Hatch, the author of the Hatch Act, was a Missouri Congressman from Marion County. Col. Hatch's heirs willed the Hatch Farm near Palmyra to the State of Missouri and the College of Agriculture has operated the farm since 1924.

Agricultural extension work, now carried throughout Missouri's 114 counties and the City of St. Louis, officially started in 1914. In that year Congress passed the Smith-Lever Act providing federal funds for agricultural extension programs.

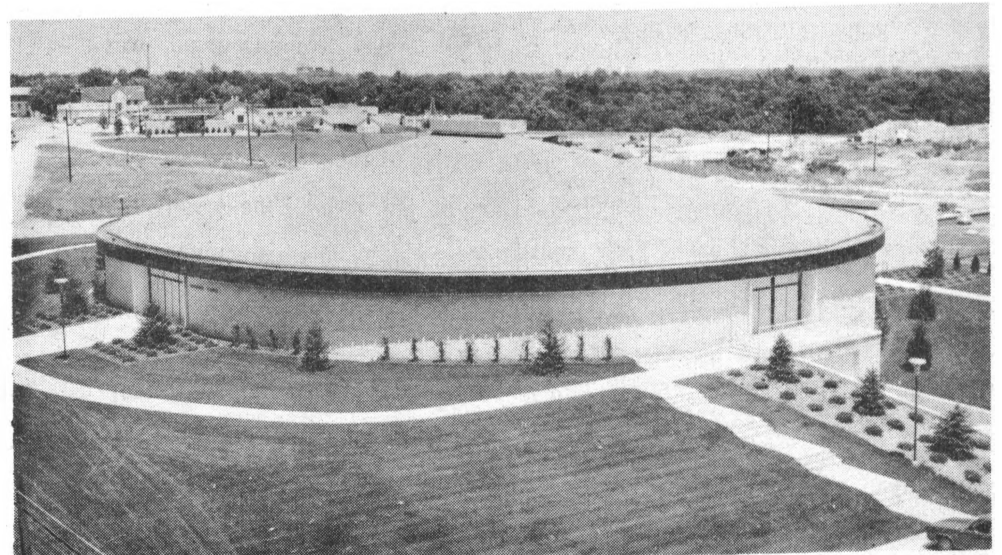
However, the College of Agriculture actually started agricultural extension work in 1912. Arguments have started over where Missouri extension programs first started — some argue in Cape Girardeau County, others say in Pettis County. Both sides may be right — it appears that Samuel M. Jordan was the first "county agent" starting in Pettis County in April, 1912, but that C. M. McWilliams was the first "county agent" to be paid with College of Agriculture funds starting in August, 1912.

Associate Dean Schell H. Bodenhamer is in charge of the College's extension programs.

(Continued on Page 5)



An early College of Agriculture building was this one located at the corner of Hitt and University. When this picture was taken in 1896 the building housed Agricultural Experiment Station offices. This building was removed in the early 1900's to make room for Whitten Hall which, for many years, housed the College's horticulture department. Whitten Hall is now headquarters for the University Extension Division.



The Livestock Center, put into use in 1969, is the newest College of Agriculture building. The building, located on Ashland Gravel Rd., houses an arena, an animal holding area, an auditorium and classroom and laboratory space. Construction in the background is for an animal science research center scheduled for completion late this year.

Calendar of Events

LECTURERS, SPEAKERS

Feb. 6-7: Readers Theatre Production, University Theatre.

Feb. 10: Charles Hamilton, leading analyst and exponent of black power, to discuss "Black Student Campus Movements," 8 p.m., Jesse Auditorium. Sponsored by Student Activities. No admission charge.

Feb. 16: Assembly Lecture, Bernard M. W. Knox, professor of classics, Harvard University, and director of the Center for Hellenic Studies, Washington D. C., to speak on "Euripidean Comedy: Ion," 8 p.m., Memorial Union Auditorium. Sponsored by the departments of classical languages and art, history and archeology.

Feb. 16: Nathan A. Scott Jr., professor of literature and theology, University of Chicago, to speak on "The Decline of the Figural Imagination and the Rebirth of 'Savage Thought'" 8 p.m., small ballroom, Memorial Union. Coffee and reception to follow. Sponsored by the department of English.

Feb. 16: Lord Caradon, former member of the British Cabinet and now British Ambassador to the U. N., to speak on "The United States and the Middle East," 8:15 p.m., Stephens Assembly Hall. Stephens Foreign Relations Lecture Series; admission, \$2.

Feb. 17: Dr. Denham Harman, department of biochemistry and medicine, University of Nebraska, to speak on "Possible Role of Free Radical Reactions in the Aging Process," 3:40 p.m., S206, Memorial Union. Sponsored by the Sinclair Comparative Medicine Research Farm.

Feb. 17: Anatomy Seminar, Dr. Gary Dunkerly to speak on "Degeneration in the Pyramidal Tract," 3:30 p.m., M301 Medical Science Building. Sponsored by the department of anatomy.

Feb. 19: Senator John Tower of Texas to speak on "Conservative Politics in 1970's," 8 p.m., Jesse Auditorium. Sponsored by Student Activities. No admission charge.

CONCERTS, PLAYS

Jan. 28, 30, 31; Feb. 4, 13, 14: Shakespeare's "Twelfth Night," Stephens Playhouse Series, 8:15 p.m., Stephens Playhouse. Admission: \$2.

Jan. 29: The Orchestra Sinfonia di Como from Northern Italy to perform in Stephens' Sigma Gamma Gamma Concert Series, 8:15 p.m., Auditorium, South Campus. Season ticket admission only.

Feb 3: National Ballet of Washington D. C. appears in University Concert Series, 8:15 p.m., Jesse Auditorium.

Feb. 4: Composition recital, 8:15 p.m., Recital Hall.

Feb. 6, 7, 11, 25: "Black Comedy," 8:15 p.m., Stephens Playhouse. Stephens Playhouse Series; admission: \$2.

Feb. 8: Collegium Musicum Concert, 4 p.m., Recital Hall.

Feb. 11: Jan Blankenship, faculty piano recital, 8:15 p.m., Jesse Auditorium.

Feb. 13: Gerald Fischbach, guest violin recital, 8:15 p.m., Recital Hall.

Feb. 17: Amati Ensemble appear in University Concert Series, 8:15 p.m., Jesse Auditorium.

Feb. 18-21: Contemporary One Act Plays in Repertory, University Theatre.

Feb. 20-21: "The Sound of Music," with the National Touring Company performing, 8:15 p.m., Stephens Assembly Hall. Stephens Arts Series; tickets available from Stephens Box Office.

Feb. 24: Esterhazy String Quartet in residence recital, 8:15 p.m., Recital Hall.

Feb. 25: Ramsey Lewis Trio, 8 p.m., Jesse Auditorium. Presented by Student Activities. Tickets go on sale Feb. 16 at \$2.

FILMS, EXHIBITS

Feb. 8: Film Classic: "Cat Ballou," 6 & 8:30 p.m., Jesse Auditorium.

Feb. 15: Film Classic: "The Great Race," 5 & 8 p.m., Jesse Auditorium.

Feb. 22: Film Classic: "Anatomy of a Murder," 5 & 8 p.m., Jesse Auditorium.

To Feb. 6: Exhibit: "American Painting 1900-1950," Fine Arts Gallery.

Feb. 1-28: Exhibit: "View from Space," Memorial Union Gallery.

Feb. 1-27: Exhibit: "Artists of the Western Reserve," Brady Commons Gallery.

CONFERENCES, INSTITUTES

Jan. 28: Turkey Day, Memorial Union, Sponsored by the department of poultry husbandry.

Jan. 28-29: Nurserymen's Conference, 8 a.m., Memorial Union. Sponsored by the department of horticulture.

Jan. 29-30: Nutrition Education Conference, 8 a.m., Memorial Union. Sponsored by the School of Home Economics.

Jan. 31-Feb. 1; Feb. 2-3: Conference on Protective Breathing Equipment, Memorial Union. Sponsored by the department of firemanship education.

Feb. 2-7: Ag Science Week. Feb. 3: Irrigation Conference. Feb. 3-4: Farm Electrification Conference. Feb. 4: Land Improvement Contractors of Missouri Short Course, Livestock Center. Feb. 4: Soybean Day. Feb. 5: Missouri Seed Improvement Assn. annual meeting. Feb. 5: Missouri Dairy Herd Improvement Federation annual meeting, Memorial Union. Feb. 6: Ag Day.

Feb. 19: Council for Exceptional Children, 7 p.m., Memorial Union. Sponsored by the department of special education.

COURSES, WORKSHOPS

Jan. 29; Feb. 5, 12, 19: Professional Engineering Refresher Course, Electrical Engineering Building.

Jan. 26-27: Advanced Operators Course, 9 a.m., Civil Engineering Building. Sponsored by the College of Engineering.

Feb. 9-March 13: Fortran Course, Math Sciences Building.

Feb. 9-March 13: PL-1 Course, Math Science Building.

Feb. 11, 12, 18, 19: Rapid Reading Short Course, 7 p.m., 1 Hill Hall.

Feb. 19-20: Agricultural Communications Workshop, Electrical Engineering Building. Sponsored by the College of Engineering.

DEADLINES, OTHER EVENTS

Jan. 26: First Semester ends, 5:30 p.m.

Jan. 29: Registration and New Student Orientation.

Jan. 30: Registration.

Jan. 30; Feb. 6, 13, 20: Public Telescope Observing Nights, 8 p.m., 505 New Physics Building.

Jan. 30: Deadline for stories for next Faculty Bulletin.

Feb. 2: Classwork begins, 7:40 a.m.

Feb. 2, 16: Orientation Program for New Non-Academic Employees. 2-5 p.m., S4 Memorial Union. Registration is not required; attend one session.

Feb. 3: Chancellor John W. Schwada to speak at an open meeting of the University chapter of AAUP on the topic, "Functional Administrative Structure of the Columbia Campus." Brief business meeting will begin at 7:15 p.m., followed by talk at 7:30 p.m., B&PA Auditorium. UMC faculty are invited.

Feb. 11: Faculty meeting, 3:40 p.m., Jesse Auditorium.

Feb. 10: Deadline for registration for Intramural Volleyball.

Feb. 13: Deadline for stories for next Campus Columns.

Feb. 14: University Club smorgasbord dinner.

Feb. 18-25: Arts and Science Week.

Feb. 25: Deadline for registration for Intramural Table Tennis Doubles.

SPORTS

VARSITY BASKETBALL

Jan 31—Kansas State University at Manhattan
Feb. 2—University of Colorado at Columbia
Feb. 7—Iowa State University at Ames
Feb. 9—University of Oklahoma at Columbia
Feb. 14—University of Nebraska at Lincoln
Feb. 16—Kansas State University at Columbia
Feb. 21—Oklahoma State University at Columbia
Feb. 23—University of Kansas at Lawrence
Feb. 28—University of Nebraska at Columbia
Mar. 7—University of Colorado at Boulder

FRESHMAN BASKETBALL

Feb. 2—Sedalia State Fair Community College at Columbia
Feb. 7—Iowa State University at Ames
Feb. 9—Hannibal LaGrange at Columbia
Feb. 21—Forest Park Junior College at Columbia
Feb. 23—University of Kansas at Lawrence
Feb. 28—University of Nebraska at Columbia

VARSITY WRESTLING

Jan. 28—University of Oklahoma at Norman
Jan. 29—Southwest Missouri State at Springfield
Jan. 30—Central Missouri State at Warrensburg
Feb. 4—University of Illinois at Columbia (7:30)
Feb. 14—Northwest Missouri State (Triple Dual) at Maryville
Feb. 18—Northeast Missouri State at Columbia (7:30)
Feb. 25—Western Illinois University at Columbia (7:30)
Mar. 5—Southern Illinois University at Columbia (7:30)
Mar. 13-14—Big Eight Championships
Mar. 26-28—NCAA Championships at Northwestern

VARSITY SWIMMING

Jan. 30—Oklahoma State University at Stillwater
Jan. 31—University of Oklahoma at Norman
Feb. 13—University of Colorado and Northern Illinois University at Columbia
Feb. 14—University of Evansville and Western Illinois University at Columbia
Mar. 5-7—Big Eight Championships
Mar. 26-28—N.C.A.A. Swimming and Diving Championships, University of Utah, Salt Lake City, Utah.

Switzler History Filled With Up's and Down's

Humorist Bill Vaughan contends that too many monstrosities are left standing until they become historic monuments.

Those who climb the steep stairs made necessary by 15-foot ceilings might agree with him insofar as Switzler Hall is concerned.

But nonetheless Switzler Hall, oldest of the academic buildings on the UMC campus, has become a historic monument.

The current home of the anthropology and speech departments, Switzler Hall in bygone days rated far higher on the administrative hierarchy. At one time it provided office space for the university president and arts dean; it was built as the original College of Agriculture and was known in those days as the Scientific Building; it became the first home not only of the Aggies, but also housed

the first School of Journalism the world ever knew; for years it was the home of the U. S. Weather Bureau, which took temperature readings from a sheltered shady spot north of the building. The highs and lows currently reported by the Environmental Science Services Administration (the upstage name of the Weather Bureau) aren't exactly comparable with those made at various subsequent homes at Seventh and Cherry streets, the Municipal Airport and currently from the Regional Airport.

History books don't contain all the details, but word-of-mouth tells that Switzler Hall was built of brick quarried and fired by slave labor, as were some other university structures, at the present site of the Laboratory School. If that is true, the bricks were truly on the way to

becoming vintage items, as construction of the building was not authorized by the Board of Curators until 1870, well after the end of slavery.

History books do tell us that Switzler Hall was to be paid for from half the \$60,000 raised by Boone County to assure location in Columbia of the College of Agriculture. The other half of the fund was used to buy farms for the college. It also is recorded that the university, while not exactly insolvent, lacked funds and was given \$20,000 by the General Assembly in 1872 to complete the building and laboratories.

The cornerstone of the structure was laid in 1871, with Gov. B. Gratz Brown as the speaker. The newly-established College of Agriculture, headed by George C. Swallow, occupied the Scientific Building. The college remained there until buildings on the so-called "White Campus" were constructed.

With departure of the Aggies, the building became the home of the School of Journalism from 1909 until Jay H. Neff hall was completed in 1920.

The building was named for Col. William F. Switzler, well-known Missouri historian and noted publisher of the *Missouri Statesman*, a nationally recognized Columbia newspaper. If you tie Switzler's name with those of Swallow, famed scientist in many fields, and James S. Rollins, the "Father" of the university, you encompass a big part of the history of the university of the 19th Century. Their influence historically outdistanced many others considered for the nonce of greater stature.

The 20,000-odd square foot building may have contributed its greatest service after fire destroyed Academic Hall in 1892. It was the only other building on the campus, except for the President's House and the Observatory,

and was pressed into service for temporary classrooms, as were the Court House, three churches, business buildings in town and old Columbia College, until new construction eased the shortage.

Switzler Hall lived long in memory of students of several generations ago. It was there that a belfry housed the bell that announced the time for change of classes for over 50 years. The belfry was an after-thought, but was incorporated into construction plans after the building was started. The bell was the official university "time-piece" until the Baird chime was installed at Memorial Tower in 1936.

In this day of creature comfort that demands mechanical air conditioning, a study of plans of Switzler Hall shows that contractors of the post-Civil War days had ideas to overcome the lack of mechanical and electrical contrivances. Many have been curious about the 15-foot concrete "elevator shaft" that runs from the basement to the top of Switzler Hall. Since it originally housed the College of Agriculture, some considered it a silo. Certainly it was built in pre-elevator days.

But the concrete shaft had man-sized tunnels extending in all directions from the basement. It had vents on each floor. For years during the summer it loosed cool air collected in the tunnels below ground level through the vents to make Switzler Hall one of the most comfortable of campus buildings. But eventually the below-ground tunnels were filled with debris, the vents were enclosed and air conditioning a la 1870 was lost.

The ramp for the handicapped is deceptive. It only allows wheel-chaired students access to the first floor. The steep staired structure still has no elevators that permits them to use the basement or the two upper floors.

Graduate School

NSF GUIDELINES—We want to again call to the attention of investigators the new NSF guidelines (NSF 69-23) for "Grants for Scientific Research." There have been changes in both the suggested cover page and budget format. Copies of these pages will be available from department chairmen or the Fiscal Grants office.

COLLEGE LIBRARY RESOURCES PROGRAM—Feb. 20 is the deadline for submission of basic and supplemental grants to the Office of Education under the College Library Resources Program. For application forms, contact Director, Division of Library Programs, Bureau of Adult, Vocational and Library Programs, U. S. Office of Education, Washington, D. C. 20202.

GRANTS FROM HUMANITIES FOUNDATION — The National Endowment for the Humanities has announced a Feb. 2 deadline for receiving research grant applications. In considering research and writing projects, the Research Division will attempt to support equally work that is related to contemporary social problems and work for the development of humanistic scholarship and understanding in general. Most outright research grants are limited to \$10,000, but the Endowment does make some major research grants (\$25,000 to \$250,000) to institutions. Application materials may be obtained from: William R. Emerson, Director, Division of Research and Publication, National Endowment for the Humanities, 18th and F Sts., N. W., Washington, D. C. 20506.

LAW ENFORCEMENT AND CRIMINAL JUSTICE — The National Institute of Law Enforcement and Criminal Justice will continue its small grants program for a second year. Proposals must be submitted by April 1 for awards to be announced about June 1. Specialists in any of the academic disciplines, both faculty and students,

are eligible as long as their problem is in the field of criminal justice. Grants will not exceed \$10,000. For application forms write: Center for Special Projects, The National Institute of Law Enforcement and Criminal Justice, Department of Justice, 633 Indiana Ave., N. W., Washington, D. C. 20530, ATTN: Pilot Grant Program.

VISITING FELLOWSHIPS—The National Institute of Law Enforcement and Criminal Justice will also award up to 10 Visiting Fellowships in FY 1970. The fellowships permit the applicants to devote a year to research at the National Institute on a project of the Fellow's own design. The amount of each award will be negotiated with each Fellow in order to arrive at an appropriate sum which will permit a year's interruption of a career without incurring personal financial loss. Application deadline is April 15. Write to above Institute address for further information.

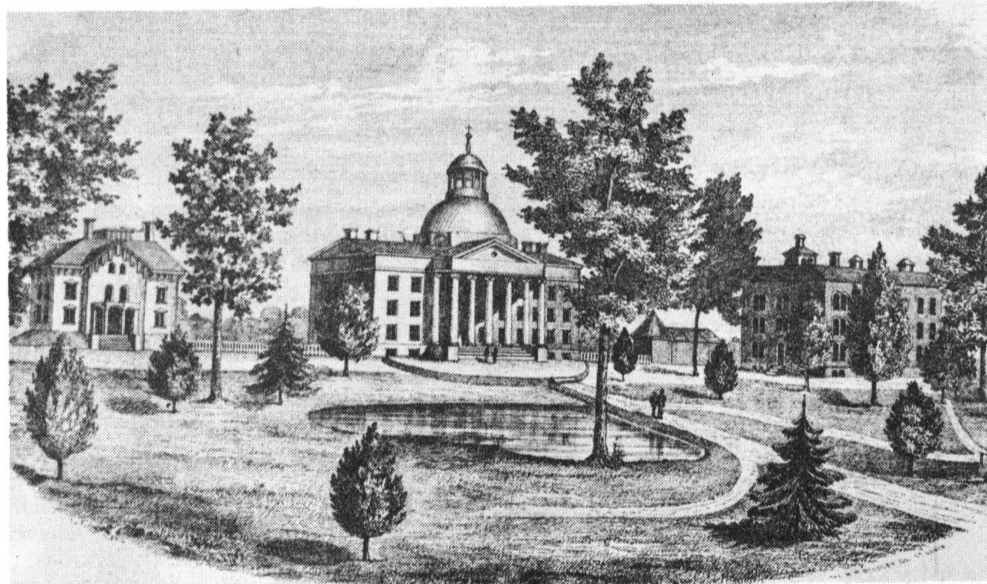
New University Medical Plan Ups Benefits

The enrollment card for the University Medical Benefits Program contains an optional item concerning room allowance. Please be sure to check your choice of the \$30 per day or \$45 per day amount. There have been questions concerning room allowance as it exists under the present plan compared with the provisions in the new plan. John Hancock provides a \$20 per day room allowance. The University Medical Benefits Program provides \$30 per day, at no additional cost, and the option of \$45 per day room allowance at an additional cost to you. The amounts payable are outlined below:

Allowable Room Rate Change	Plan Pays
\$20 per day (John Hancock)	\$16
\$30 per day (University Med. Program)	\$24
\$45 per day (University Med. Program)	\$36

As you can see the amount each plan pays is 80 per cent of the allowable charge. The allowable room charge for the room rate may not exceed the charge for a semi-private room.

The University Medical Program carries a \$1,000 life coverage as part of the plan. John Hancock also provided a \$1,000 life insurance coverage included in their plan. Anyone who had the John Hancock plan and is interested in converting their \$1,000 group life insurance coverage to an individual policy may do so without submitting evidence of insurability by contacting John Hancock Life Insurance Co., 401 Guitar Building, before Jan. 31.



"Scientific Building" was one of four University buildings when it was built in 1872. From left to right are the President's house, old Academic Hall, the Observatory and Scientific Building.



Today, Switzler Hall, oldest academic building on campus, houses the anthropology and speech departments. It stands on the west side of Francis Quadrangle, between the geology building and the engineering complex.

CAMPUS COLUMNS

Campus Columns is published monthly except August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least a week prior to publication. Office: 44949189. Editor: Kay Mariea

'Soaring Sixties' Bring Changes to Campus

Missourians who last saw the UMC campus in 1960 would be hard put to recognize Old Mizzou today as the "Soaring Sixties" end.

UMC thundered into the Sixties through the gates of the Orange Bowl on the powerful legs of Donny Smith, Mel West and Dan LaRose. It flew out by the same route on the magic arm of Terry McMillan and the winged feet of Mel Gray and Jon Stagers.

Physically, administratively, academically and philosophically, UMC is vastly different than it was only 10 short years ago. Leading the University into a new, four-campus organization, more freedom for the exploding student population, new schools, acquiring a chancellor, inaugurating a new president and a changing physical appearance are a few of the highlights of the last decade.

In 1963, the University officially became a four-campus operation with the addition of the University of Missouri-St. Louis, the University of Missouri-Kansas City and the redesignation of the School of Mines and Metallurgy as the University of Missouri-Rolla. However, UMC, the oldest campus, remained the seat of the multicampus University.

From a student enrollment of slightly more than 11,000 in 1960, UMC has nearly doubled in size, growing to more than 21,000 students in 1969-70.

The decade also brought more freedom and responsibility for students as they became better educated and more prepared for responsibility than ever before.

Students were given more responsibility



John C. Weaver was inaugurated as University President in 1967. The University became a four-campus operation in 1963.

for their educations as several UMC academic committees included student members for the first time. The "negative hour" rule was eliminated in 1967. Under this rule, a student with excessive absences could be required to complete additional credit hours for graduation.

Women students achieved key privileges. Beginning in 1964, women could check out keys to the doors of their living units. For the first time, they did not have to be in when the doors were locked for the night.

The Sixties also saw a change in administration. Dr. John W. Schwada became UMC's chief administrator in 1964 when he was appointed its first chancellor. In 1967, Dr. John C. Weaver was inaugurated as the 14th president of the University in ceremonies on the UMC campus.

The birth of two new schools brought the number of academic divisions to 15. The School of Social and Community Services became a separate academic division in 1965. It offers majors in recreation and park administration, community development and social work. The School of Library and Informational Science became a separate division in 1966. Students are educated to serve the libraries and information services of the future in response to the information "explosion" in today's world.

The Sixties was also a decade of construction trying to catch up with the increased needs of a growing student population. A new wing was added to the library in 1962, making UMC's Library one of the nation's largest. It now contains more than 1,400,000 volumes.

Several other buildings were added including those for expanded student activities, student housing, additional classroom space, faculty offices and research areas.

A new physics building contains a modern telescope and observatory to study man's new knowledge of space.

The math science building also accommodates a computer center which is required to keep pace with the knowledge explosion experienced during the Sixties.

A new plant was provided for the Columbia Missourian, a daily teaching newspaper so that more space would be available in the journalism buildings for classes.

The highlight of research facilities was the development of the Research Park area, an 83 acre tract acquired in 1962. The heart of the Park, the University-wide Nuclear Reactor Facility, was completed in 1966. The reactor's 10-megawatt capacity makes it one of the largest such facilities at any university campus.

The "Soaring Sixties" were fast-paced, eventful and challenging at UMC. The decade ahead promises even more excitement and change.



Since 1967, floodlights have illuminated the Columns, traditional symbol of the University.



The number of support staff almost doubled in the 1960's to care for the growing campus and its needs.



Key privileges — another change in the 1960's.



The fine arts building was one of many buildings added to the campus in the 1960's.



PHIL CONNELL

Board OK's Phil Connell Appointment

The Board of Curators has approved the appointment of Phil E. Connell of Iowa City to the position of assistant to the President of the University. The appointment is effective March 1.

Connell presently is serving in a similar capacity at the University of Iowa. He has held that post since 1948.

In his new assignment, Connell will aid the President and the Vice President for Administration in their duties. His work will include helping with correspondence, serving as secretary to the variety of meetings of regular established and ad hoc administrative committees, handling from time to time arrangement for important University visitors, maintenance and preparation of materials for manuscripts and other general administrative duties.

Commenting on Connell's appointment to the University staff, President John C. Weaver said:

"We are fortunate to obtain the services of a man of Mr. Connell's experience and qualifications in university administration. I have known Mr. Connell from the time I was associated with the University of Iowa, and I know he will add great strength to the effectiveness of our administrative operations."

"I also want to express appreciation to Dr. Irvin F. Coyle for the valuable assistance he has given me the last few years. Dr. Coyle now is in a new assignment as assistant to the vice president for academic affairs. His area of work deals mainly with statistics and these operations are concentrated in large degree in the vice president for academic affairs office."

Connell, a native of Cedar Falls, Iowa, received a B. A. in Social Science and Speech in 1938 from Iowa State Teachers College. He did graduate work in education at the University of Colorado.

From 1938 to 1940 he served as principal of the Thompson, Iowa, High School, and from 1940 to 1942 was an instructor and acting principal at Webster City, Iowa, High School and Junior College.

During World War II, Connell served in the Navy with the rank of lieutenant in the Office of Naval Intelligence. He also served in the Naval Air Primary Training Command.

From 1946 to 1948 Connell was vocational officer for the Veterans Administration at the University of Iowa, and in 1948 was appointed assistant to the president of the University of Iowa.

Connell is married to the former Isabelle Ward and they have two daughters, Mrs. Mary Elizabeth Kramer and Miss Susan Jane Connell, who is a senior in the UMC College of Education.

Radios Aid Reporter's Training

Using a powerful two-way FM radio system, young reporters and photographers are gaining experience in another dimension of their training at the UMC School of Journalism.

A federally licensed "relay-press" station operating on a channel reserved for newspapers provides instant communication between student journalists in the field and their home base, the Columbia Missourian.

Funds for the equipment were provided by a gift from Walter Annenberg, U. S. ambassador to England and publisher of TV Guide, in honor of Merrill Panitt, editor of that magazine and School of Journalism alumnus.

The station, installed for the use of the journalism school and the daily morning newspaper which it produces, is subject to all rules of commercial mobile radio. It is not to be confused with short wave ham radio or Citizen Band radio. The antenna for the Missourian is on top of a cooling tower of the UMC Medical Center. Its rated power is 110 watts.

While the units are limited in number, they are passed around so that more students may gain experience in their use. At present there are two 10-watt and two 2-watt portable units for receiving and transmitting, and three alert monitors for receiving only. The monitors operate on house current or can be plugged into a car cigaret lighter. In addition, mobile units are installed in



At the Boone County Courthouse, Alice Starcke, student, calls the Missourian's city room on a two-way radio.

several faculty automobiles. The strongest portable units are effective for a distance of about 30 miles, the weaker ones for five to 10 miles. Students too far away to reach the city room may succeed in getting in touch with a faculty car, which can relay the message 30 miles or more.

Units are installed in the dean's office and other administrative offices as well as in the news room and the photo laboratory. Thus the entire system facilitates journalism and newspaper administrative matters as well as news

coverage.

Photographers, even more than reporters, are likely to be equipped with the portable units. A reporter who drives regularly to the State Capitol in Jefferson City, 30 miles from Columbia, always takes one of the portables along.

In addition to keeping in close contact with the Missourian city room on a developing story, the reporter sometimes happens upon newsworthy events not on his beat. On one occasion the Jefferson City reporter came upon a highway accident moments after it happened. He informed the city room, which got the first word to the Missouri Highway Patrol and then diverted another reporter in the area to the scene. On one dramatic occasion, the press-relay operation was responsible for bringing ambulance aid immediately to a stricken fan at a football game in Memorial Stadium and getting him to a hospital in a matter of minutes.

Dean Earl English of the School of Journalism says the receiving and transmitting units have the effect of taking professionally experienced faculty members to the scene of a developing news event and enabling them to give instruction and counsel to the students working on the assignment.

Discussing some of the advantages of the system, Dean English said: "The photographer or reporter going out on an assignment with one of these portable units realizes his added responsibility.

"Furthermore, we have found a sharpening of observations and news judgment on the part of students toward unassigned events when they have the opportunity to check news values with supervisors."

Highlights Of Curators Meeting

Highlights of actions taken by the Board of Curators at its meeting Jan. 16 in Columbia:

* Approved the appointment of Phil E. Connell, presently on the staff of the University of Iowa, to the position of Assistant to the President.

* Approved the award of three contracts totaling \$1,569,225 for constructing an Engineering Sciences Research Building on the Rolla Campus.

* Approved a Bachelor of Science degree in economics for the St. Louis Campus.

* Approved transferring the Geological Engineering program on the Rolla Campus from the Department of Geology and Geological Engineering into what will become the Department of Mining, Petroleum and Geological Engineering. The former will be renamed the Department of Geology and Geophysics.

Centennial Year

(Continued from Page 1)

Actually the College operated as a department of agriculture in its early years. Prof. George C. Swallow — Swallow Hall is named for him — acted as department head from 1870 to 1872 when he was named the first dean of the College. Dean Swallow held the position until 1882.

During its 100 years the College has had nine deans. The two most recent are John H. Longwell, dean from 1948 to 1960, and now an active dean emeritus, and Elmer R. Kiehl, dean since 1960.

In addition to facilities in and around Columbia, the College of Agriculture has operations in many parts of the state. Major off-campus operations are the Delta Center, Portageville; Weldon Spring Center, Weldon Spring; North Missouri Center, Spickard; and Southwest Missouri Center, Mt. Vernon.

Although it is interesting to talk about years' past during a birthday celebration, the College is emphasizing the future in its Centennial program. Even though the College staff is proud of its 100-year record, its support will depend upon what the College offers Missourians in the future.



Know Your University

David R. Francis Memorial Fountain stands at the west end of Lowry Street and the Strollway. The Francis Quadrangle was named after Francis in 1920 in recognition of his services in rebuilding the University after the fire in Academic Hall in 1892 when he was Governor of the State. He strongly supported the University through the tragedy, personally coming to Columbia shortly afterwards, pledging a special session of the legislature and urging liberal appropriations for the new buildings. He opposed the proposal to separate the agriculture college and was credited with preventing the removal of the University from Columbia.

Schooling Uses Personal Approach

Black Literature Course Now Available

Budget, curriculum and academic staff matters probably could be handled efficiently in an impersonal, cold, computer-like manner. Provost and Dean of Faculties Herbert W. Schooling, however, handles these duties of this office with a special concern for the people.

"The real quality of any program depends on the faculty and personnel involved," Schooling says.



HERBERT SCHOOLING

Schooling began his administrative career at UMC as dean of the College of Education in 1963. He became dean of faculties in 1966, being named to the position by Chancellor John W. Schwada, who had occupied the position himself before becoming chancellor. Last July, Schooling was appointed the first UMC provost.

As provost, Schooling is the chief official of the Chancellor's administrative staff, concerned with campus-wide operations that relate to the achievement of the campus' educational mission. In his capacity as dean of faculties, Schooling is directly concerned with matters of educational policy, curriculum, academic staff and the budgets of the various campus divisions.

These administrative matters, however, are handled with an understanding that underlying every program are people.

"When a department wants a program, I discuss it with the dean and we weigh it against other priorities," Schooling explains.

New teaching innovations are considered with the good of the student in mind.

"What we're really concerned with are opportunities for students to learn. There are now several programs on campus that help students pace their own learning, and I'm interested in seeing these programs expanded as soon as possible," he says.

In one present program, for example, a chemistry professor has taped all his lectures so that students may listen to the lecture several times, if necessary, to understand the principles being

taught. At the same time, lab assistants are available for any additional problems the student may have.

"In a University this size, it is important to avoid a natural tendency toward impersonalization of teaching programs," Schooling feels.

Schooling's concern for the students is also illustrated by the fact that he often helps them in an unofficial capacity.

"From time to time, students wander into this office with any number of problems. They usually don't know where to take their problem and I at least try to direct them to the right place," he says in a special tone of voice. "We must be concerned with the student and try to help him whenever possible."

Schooling is mainly concerned with the academic side of the University and also feels that support staff is an important, integral part of a smooth-running university.

"Some deans have stressed to me their need for more support staff," Schooling says. "I sympathize with their request and we sometimes trim other areas of the proposed department budget in order to increase the allotment for the support staff."

For Provost and Dean of Faculties, Schooling, an interest in people and not simply the jobs they do is always behind the performance of the duties of his office.

Let's test your knowledge of American history and literature.

Who were Crispus Attucks, Benjamin Banneker, Toussaint L'Ouverture, Denmark Vesey, Nat Turner, Harriet Tubman, and Sojourner Truth?

Answer the following, true or false. The movie "Gone With the Wind" is an accurate portrayal of slavery in the Old South.

If you cannot answer the above questions, it is evident that your knowledge of American history is very much incomplete.

It is for this reason that the UMC Correspondence Study Department has introduced a new and exciting course entitled Afro-American Literature, 104e. Furthermore, it is hoped that this course is the beginning in the development of an integrated course combining Black and White Literature.

Ted Schaeffer, author of the course, states, "The vision of America revealed in the literature of the Negro may come as something of a shock to many students, but it is a vision that needs telling if one really hopes to understand his country."

Contributions by the Black man in literature thus far have been neglected, as have been his contributions to culture. Afro-American Literature gives the student a better understanding of each in a manner which is vivid, powerful and unique.

At the same time, the course attempts to give the student a fresh perspective in judging his society, himself and his fellow-man.

In developing the course, Schaeffer centers his writing on the total Black experience, not solely a look at literature. Black literature, psychological dilemmas, music and social status are carefully studied from an outstanding set of texts which include:

Black Voices, Abraham Chapman; **The Souls of Black Folk**, W. E. Burghardt DuBois; **Native Son**, Richard Wright; **Going to Meet the Man**, James Baldwin; **Invisible Man**, Ralph Ellison; **The Autobiography of Malcolm X**, Malcolm X; and **Soul on Ice**, Eldridge Cleaver.

Information concerning Afro-American Literature 104e may be gained by contacting the Correspondence Study Department, 514 S. Fifth.

Safety News and Views

How cold is a temperature of 25 degrees?

No accurate answer can be found without knowledge of the wind velocity. The combined effect of wind and temperature—known as "windchill"—has been known since 1939 when Dr. Paul A. Siple was exploring the Antarctic.

Although many weather broadcasters will give the temperature and wind velocity without mentioning the combined effect, windchill is still an important factor that should be considered by anyone planning to spend any time outside.

The Windchill Index on this page is a measurement of the rate of body heat loss in an hour's exposure. The right side of the chart shows the temperatures at which exposed flesh will freeze and frostbite sets in. Frostbite, when promptly and properly treated, usually does not result in permanent disability. But when the equivalent temperature sinks to -60 degrees, death enters the picture.

It should also be noted that the windchill factor is not quite as bad on sunny days and gets worse as the sun is covered and starts setting.

Some hints in cold weather:

* Allow some ventilation in clothing. This decreases perspiration which freezes.

* Wear several layers of light clothing rather than one heavy layer. Air trapped between layers is excellent insulation.

* Keep dry—wet flesh freezes faster than dry flesh.

* Keep exposed areas, such as the face, out of the wind as much as possible.

* Avoid contact of exposed flesh with wetness or metal since they conduct heat away from the body and make frostbite injury more possible. It is a good rule to wear gloves whenever the temperature drops below 20 degrees.

* Avoid moving rapidly and breathe through your nose when out in the cold.

Need a Ride?

Do you need a ride to and from work? Do you need another rider in your car pool?

Campus Columns will list those persons needing rides or riders. To be listed submit your name, phone number, point of departure and destination and whether you need a ride or rider to Campus Columns, 223 Jesse Hall, by Feb. 13.

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 307-309 Hitt St., 449-9168, or Room W-141, Medical Center, 442-5111 ext. 665. The following are representative of available openings:

- Draftsman with experience
 - Meat Processor
 - Hostess
 - Secretary-Stenographer with shorthand
- Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.

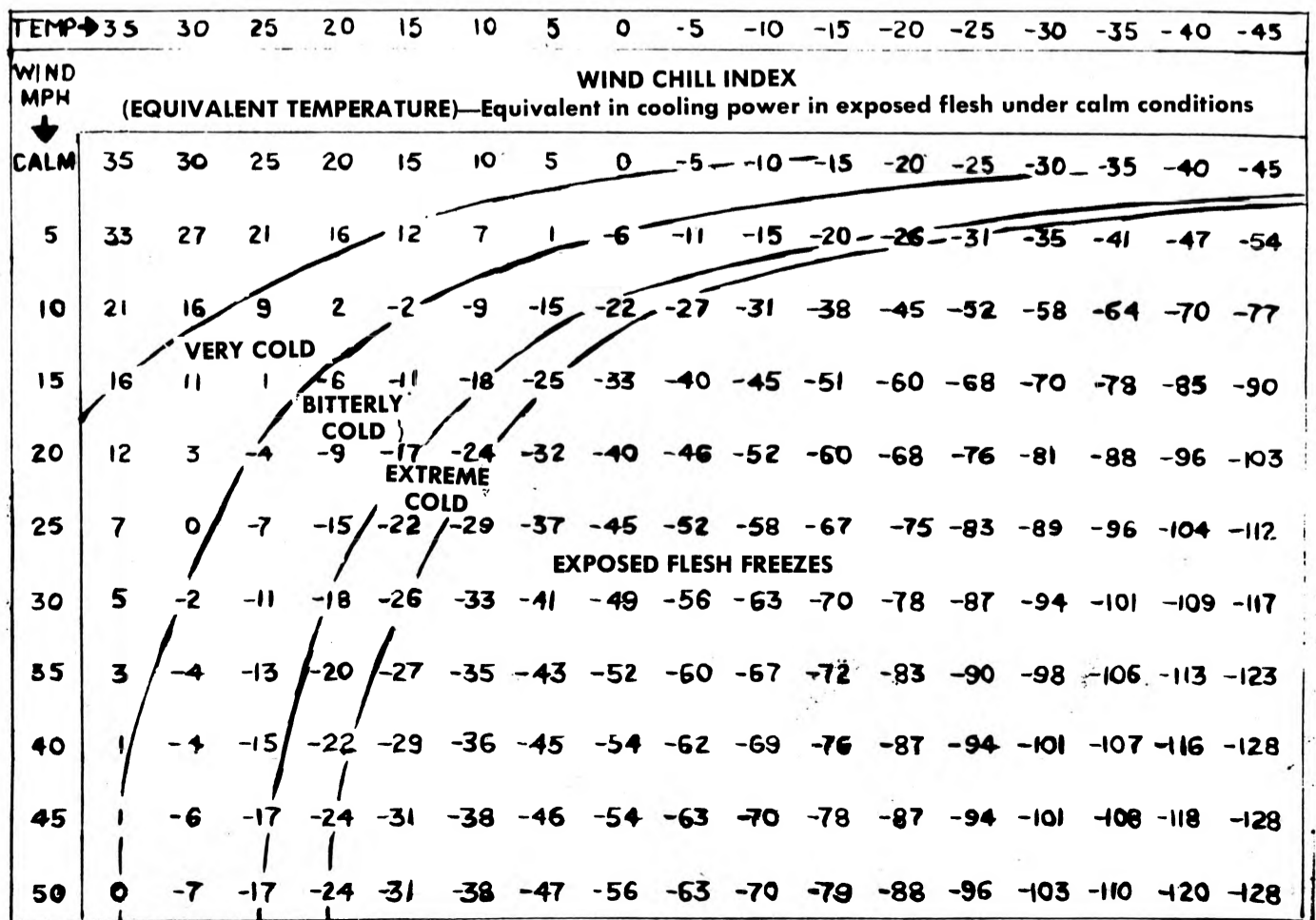
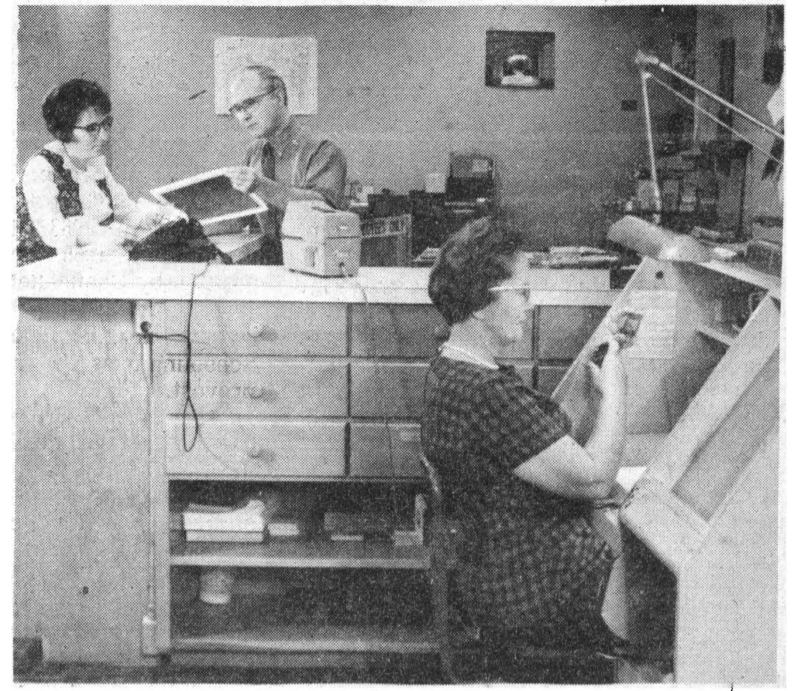


Photo Service

The nine staff members of photo service, a department of technical services, perform many jobs daily because of the department's diversified activities. Best known for its photography work, photo service is also responsible for processing slides, reproducing sound tract recordings, editing motion pictures and laminating campus ID cards. The department has also recently added a new service — Duplicating sound recordings into the new compact cassette form.



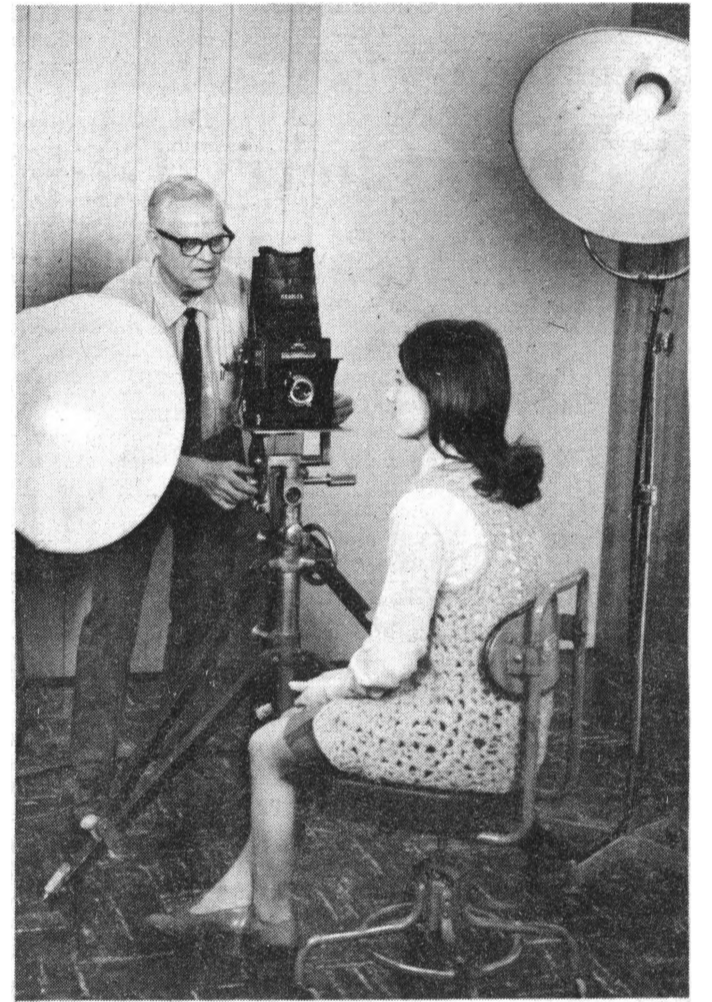
Pat Cook helps customer while Crystal Crane mounts slides.



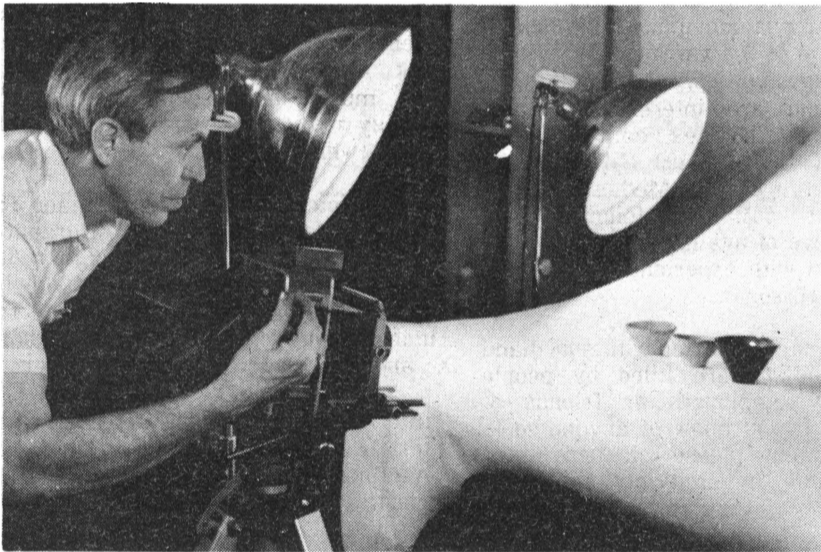
Ray Comfort copies slides.



Russ Nall edits motion picture.



Paul Dunard



Ron Marquette



Katy Atkinson copies tape recording.



Nettie Forsee and Keith Darr in darkroom.

Evening Class Program Registration Scheduled

The UMC Evening Class Program enters its second year when the winter semester begins in February.

A tentative list of 20 on-campus classes are scheduled for the winter semester—a big increase over the five courses taught at the same time last year when 55 persons completed the course work for credit hours in one or more of the classes.

About 115 area residents enrolled in the evening program this fall. Some drive from as far away as Montgomery City—about 50 miles—to attend classes. These are people who want to earn college credit but, due to jobs and other daytime responsibilities, cannot attend regular daytime classes. They must meet regular admission requirements.

The courses are offered on a fee basis and are designed primarily for students who are not regularly enrolled at UMC. University employees may take the courses under the Educational Assistance Program. The courses are taught by UMC's resident faculty and count as resident academic credit.

The program is an expansion of UMC's regular academic schedule, developed to help the University fulfill its primary function—teaching and providing learning opportunities to as many Missourians as possible.

Classes meet once a week from 6:30 to 9:30 p.m. for three hours credit. Students spend 16 weeks in the classes. Classes for five hours credit meet twice a week or make other arrangements to fulfill the required clock hours of class study and participation.

Registration for each course will be held at the first class session. Advanced registration can be accomplished at 203 Whitten Hall beginning Jan. 26 from 8

a.m. to noon and 1 to 5 p.m., Monday through Friday. Students enrolling after the first class session will be assessed a late registration fee.

Dates and locations for each course can be obtained from 203 Whitten Hall. Courses scheduled to be offered include:

Accounting 36, Elementary Accounting I (3 hours credit)

Accounting 37, Elementary Accounting II (3 hours credit)

Art 3, Appreciation of Art (2 hours credit)

Computer Science 104, Fundamentals of Digital Computer Programming (3 hours credit)

Economics 51, General Economics (5 hours credit)

English I, Composition (3 hours credit)

English 40, English Life and Literature (3 hours credit)

English 50, Narration (3 hours credit)

English 60, Exposition (3 hours credit)

History 20, American History (5 hours credit)

History 356, Origins of Modern America (3 hours credit)

Marketing 204, Principles of Marketing (3 hours credit)

Math 3, Basic Algebra (0 hours credit)

Math 10, College Algebra (3 hours credit)

Philosophy 5, Introduction to Philosophy (3 hours credit)

Political Science, American Government I (5 hours credit)

Psychology I, General Psychology (3 hours credit)

Psychology 170, Child Psychology (3 hours credit)

Sociology I, General Sociology (3 hours credit)

Sociology 50, Social Disorganization (3 hours credit)



Venus Rader, busily at work in the Jesse Hall Basement, serves food and liquid refreshment to several hundred satisfied customers each day.

Job in the Spotlight

Venus' Cherry Greeting Starts Jesse Hall Morning

To several hundred Jesse Hall staffers who, each morning, hurry down the hallways and stairways of UMC's big administrative center, Venus Rader is the gal who awaits their approach with a friendly smile, a cheery greeting and a hot cup of coffee.

Venus, who for four years has operated the Jesse Hall Snack Bar, runs her small corner of UMC with a flourish out of another, older era. The snack bar, with her there to serve, becomes a kind of general store.

Like proprietors of those establishments gone-by, Venus seems to know everyone. She probably knows as many Jesse workers by name as anybody. And she goes out of her way to help. Besides selling coffee, donuts and the like, she can give you change for a dollar (or a five if you need it), she will put ice in your coffee to cool it off (if you want it), she will sack each donut in a separate bag or all of them in one (as you like it) and she goes out of her way to stock her bar with the snacks you want.

But Venus's most familiar accomplishment is a friendly greeting for every person, every morning without the asking.

Venus, who has lived in Columbia all her life, works the noon shift at the Memorial Union cafeteria, in addition to her duties at the snack bar. At the cafeteria she works on the serving line, and that's where she is each noon when some of us want coffee with our lunch.

She is married to Harry Rader and they live at 800 Mt. Vernon. They have four children — the youngest, Larry, lives at home and the older three are married.

Before coming to the UMC, Venus worked on and off for several years at the Woolworth's store on Broadway.

Asked how she likes her job, Venus says, "Yes, I like my job a lot. I like people, and I get to see a lot of people working here."

Venus says she likes to swim, though she hasn't been for a long time. She also likes to watch television — her favorites are Porter Wagner, Hee Haw and Ozark Opry.

Library Loans

University staff members and graduate students may now renew home-use materials from the University library for the next semester. Renewals will be made by bringing materials to the unit where they were borrowed and recharging them. Home-use materials checked out after Jan. 12 will be due June 1.

One humorous incident that Venus recalls from her work at the snack bar concerns a cream pitcher. Venus says she used to have a pitcher instead of the self-service packets now available. She remembers that, sometimes a patron would pick up the pitcher instead of his coffee. He would proceed to take a seat, have a bite of donut and a drink of what he thought was coffee. The first time the patron would realize he had the pitcher instead of his coffee would be during that first drink. Venus says she remembers well the look of surprise when he discovered his mistake.



Jo Flory, Extension food and nutrition specialist, submitted the following recipe for Campus Columns readers.

CALICO SALAD

- 1 can green beans, drained
- 1 can wax beans, drained
- 1 can kidney beans, drained
- 1 green pepper, chopped
- 1 onion, chopped
- Pimiento, chopped

Dressing

- 2-3 cup vinegar
- 1-3 cup salad oil
- ¾ cup sugar
- 1 tsp. salt
- ¼ tsp. pepper

Mix ahead; let stand several hours in refrigerator before serving. 6-8 servings.

(Do you have a favorite recipe you'd like to share with Campus Columns readers? Send it to Campus Columns, 223 Jess Hall.)

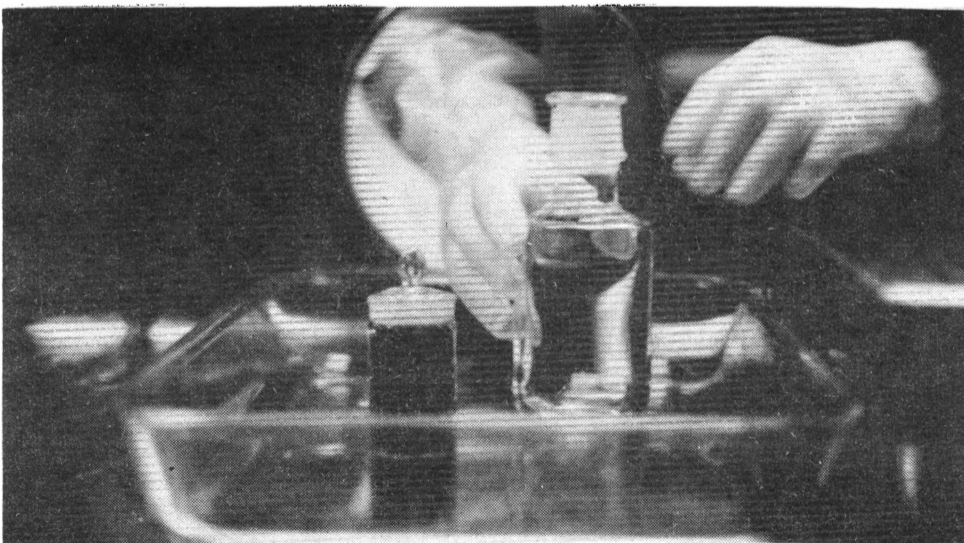
Covington at Meeting

Joe E. Covington, former UMC law dean, will be reporter for a special committee on bar examinations of the National Conference of Bar Examiners.

The group hopes to inaugurate a multi-state bar test to qualify attorneys for practice. Currently tests are given in each state, and for an attorney to have a nation-wide practice he would be required to pass tests in each of the 50 states.

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The recently-released report of the UMC "moon scientists" concluded that there is no life on the moon but that the moon holds life potentials. Here, a member of the UMC team transfers moon dust, shown in the smaller container, to a laboratory jar to begin the technical analysis. The dust was kept under a protective laboratory hood during the tests.

On Centennial

Missouri House Lauds School of Agriculture

The Missouri House of Representatives has recognized the 100th birthday of the UMC College of Agriculture.

Recognition is in the form of a resolution passed by the House in the recent session of the General Assembly. It was introduced by Boone County Representatives George Parker and Harold Reisch, both of Columbia.

The resolution commends the College for its achievements of the past century and urges the College to perform even greater service in the future.

The resolution was presented to Chancellor John W. Schwada at the recent Ag Day held on the UMC campus and attended by 700 College of Agriculture alumni and friends. Representatives Parker and Reisch made the presentation.

Text of the resolution is as follows:

"Whereas, the General Assembly and the Governor of Missouri did, in 1870, enact legislation establishing the College of Agriculture at the University of Missouri-Columbia; and

"Whereas, the College of Agriculture is now celebrating its Centennial Year; and

"Whereas, during its 100 years, the College of Agriculture has dedicated itself to 'finding a better way' for the people of Missouri; and

"Whereas, through its research, teaching, and extension programs, the College continues to serve all Missourians; and

"Whereas, such service is a credit to

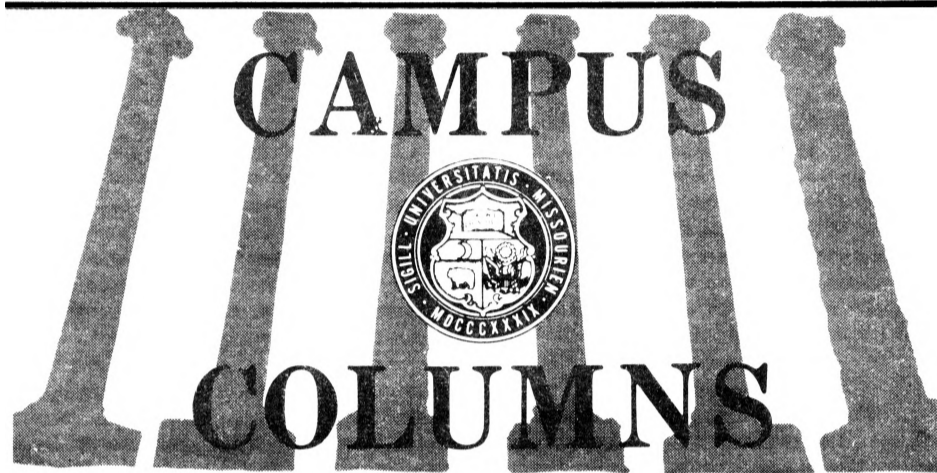
the College, the University and the state of Missouri;

"Now, therefore be it resolved that the Members of the House of Representatives, the Senate concurring therein, extend their heartfelt congratulations to the faculty and staff of the College of Agriculture for the research, education, and service the College has contributed to the State during its 100 years;

"And, be it further resolved that the Chief Clerk of the House of Representatives be requested to send properly inscribed copies of this resolution to Dr. Elmer R. Kiehl, Dean of the College of Agriculture, to Dr. John W. Schwada, Chancellor of the University of Missouri-Columbia, and to Dr. John C. Weaver, President of the University of Missouri."



Chancellor John W. Schwada accepts a resolution passed by the Missouri House of Representatives and presented by Boone County Representative George Parker, left, and Harold Reisch, right. The resolution recognized and commends the UMC College of Agriculture during its Centennial Year, 1970. The resolution was introduced in the Missouri General Assembly during its recent special session by Parker and Reisch.



UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 1, No. 6

February 20, 1970

Williams, Starbuck to Speak at A&S Week

John Williams, a novelist who received his Ph. D. from UMC and has written a book, "Stoner," whose main character is a member of the UMC English faculty, and George Starbuck, a major contemporary poet who is on the faculty of the creative writing program at the University of Iowa, will present lectures during the 1969-70 Arts and Science Week, Feb. 18-25.

Williams, who is director of the creative writing program at the University of Denver, will speak on "The Future of the Novel" at 7:30 p.m. Feb. 24, in Room C209-10, Brady Commons, and Starbuck will read poetry and lecture on "Kids, We're Right Behind You—the Poet as War Propheteer" at 7:30 p.m. Feb. 25, in the Memorial Union Auditorium. Both lectures are sponsored by the department of English and the English Graduate Students Assn.

There will be a reception for both

writers from 11 a.m. to noon Feb. 25 in the alumni lounge of the Memorial Union. Coffee and cookies will be served and the event will be open to the public.

Copies of "Stoner" and Starbuck's most recent book of poetry, "White Paper," will be on sale at the lectures and the reception.

Williams received his B. A. and M. A. from the University of Denver and came to UMC in 1950. He was an instructor in the English department here for four years and received his Ph. D. in 1954. He returned to Denver in 1954 and has been a member of the faculty there since.

He is the former editor of "Twentieth Century Literature: A Scholarly and Critical Journal," 1954-56, and is editor of "The University of Denver Quarterly: A Journal of Modern Culture."

He is author of three novels including "Nothing But the Night," 1948, and

"Butcher's Crossing," 1960; editor of an anthology, "English Renaissance Poetry," 1963; author of two books of poetry, "The Broken Landscape," 1949, and "The Necessary Lie," 1965; and of numerous essays and poems that have appeared in anthologies and periodicals.

Starbuck is the author of two books of poetry, "Bone Thoughts," 1960, and "White Paper," 1966, and of many poems published in "The New Yorker," "Harper's," "Atlantic Monthly," "New Republic," "Poetry," "Yale Review," "Paris Review," and other magazines. He has given poetry readings at numerous colleges and universities.

He has taught at the University of Iowa since 1964, and before that, at the State University of New York, Buffalo. He has worked as a fiction editor for Houghton-Mifflin Company, Boston.

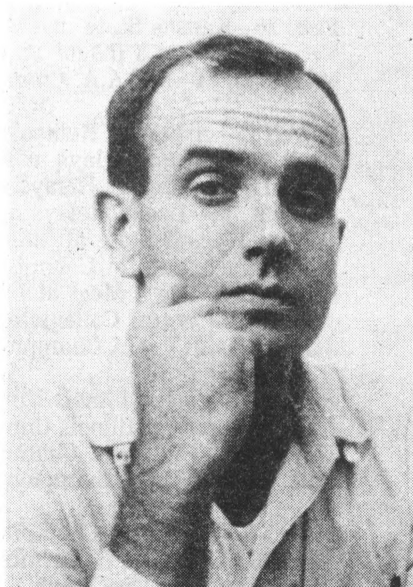
Starbuck describes himself as "born in Columbus, Ohio, in 1931, raised in Chicago and California, and pumped full of information at Cal Tech, Cal, U of Chicago and Harvard."

Critics said of his first book: "There hasn't been as much word-excitement in a book of poems for years as there is in this one. . . a brilliant first book." (John Holmes, "New York Herald Tribune") "For all his lightness, this bright young poet is registering a protest. . . He may have become a spokesman for the bright, unhappy men who have too much wit and style to run with the Beats." (Harvey Shapiro, "New York Times")

Louise Bogan, writing in "The New Yorker," said of his second book of poetry, "George Starbuck asks the hardest of questions and does not hesitate to supply equally hard answers. War's iniquity has hit him hard, and he has brought the underside of contemporary life not only into the light of common day, but into the brilliant illumination of form."



JOHN WILLIAMS



GEORGE STARBUCK

Credit Union Board Reports Steady Growth

The Mizzou Employees' Federal Credit Union is growing steadily in funds and members. This report came at the credit union's first annual and second general membership meeting Feb. 10.

William D. Poore, assistant treasurer, said that membership has grown from a dozen persons when it was established last June to nearly 750 participants. The credit union is open to all University employees from all four campuses.

To meet loan requests from members, Poore said the credit union borrowed \$6,000 in December but that loan demand has generally kept pace with the growth in shares. Loans to members slightly exceed shares bought by members, about \$32,800 to \$30,350.

"One of our goals this year will be to encourage people to save with the credit union," Poore said. "In the past we did not want to turn away employees if they had a bona fide need for loans."

The organization elected five members to its nine-man board of directors. Re-elected were Harry J. Sauer, UMR, and Susan B. Freegard and David Phillippe from UMSL. New members are Jane Berry and Richard Hudson from UMKC.

Ronald F. Sprouse, UMC, was elected

(Continued on Page 6)

Faculty to Meet February 26

Two items will be on the agenda for a faculty meeting called by Chancellor John W. Schwada at 3:40 p.m. Feb. 26 in Jesse Auditorium.

The faculty will be asked to reconsider a calendar for the 1971-72 school year which it approved at its meeting Feb. 11 and will vote by secret ballot on nominations for honorary degrees to be conferred in June. Names of the honorary degree recipients will be held in confidence.

Reconsideration of the calendar is at the request of the Board of Curators. The Board asked that the faculty reconsider its recommendations for a traditional calendar with classwork extending from Sept. 16 through May 29. Other campuses of the University have approved calendars calling for classwork between Aug. 26 and May 16, with the first semester ending at the start of the Christmas holidays.

Calendar of Events

LECTURERS, SPEAKERS

Feb. 24: Bill Baird, advocate of abortion reform, to speak on "The Need to Legalize Abortion," 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

March 10: Ralph Nader, champion for the consumer, to speak on "Protection of the Consumer," 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

March 12: Dr. George Wald, 1967 Nobel Prize Winner in Physiology, to speak on "The Origin of Death," 8:15 p.m., Stephens Assembly Hall. Sponsored by Stephens College.

March 16: Mark Schorer, professor of English, University of California—Berkeley, to speak on "The Rising Phoenix: D. H. Lawrence, an Assessment," 8 p.m., large ballroom, Memorial Union. Coffee and reception to follow. Sponsored by the department of English.

March 16: Edwin O. Reischauer, former Ambassador to Japan in the Kennedy Administration, to speak on "Japan and the United States Today," 8:15 p.m., Stephens Assembly Hall. Sponsored by Stephens College.

CONCERTS, PLAYS

Feb. 25: Ramsey Lewis Trio, 8 p.m., Jesse Auditorium. Presented by Student Activities. Tickets now on sale at \$2.

Feb. 25: "Black Comedy," 8:15 p.m., Stephens Playhouse. Stephens Playhouse Series; admission, \$2.

Feb. 26: Zurich Chamber Octet, 8:15 p.m., Fine Arts Recital Hall. Sponsored by Student Activities.

Feb. 27, 28, March 13, 14, 18: Shakespeare's "Twelfth Night," Stephens Playhouse Series, 8:15 p.m., Stephens Playhouse. Admission, \$2.

March 4, 7, 11, 20: "The Hostage," 8:15 p.m., Stephens Playhouse. Stephens Playhouse Series; admission, \$2.

March 6: Marcel Marceau, pantomimist, to perform, 8:15 p.m., Stephens Assembly Hall. Stephens Arts Series.

March 10: The Renaissance Quartet to perform, 8:15 p.m., Stephens Auditorium, South Campus. Sponsored by Stephens College.

March 11-14: Opera, "Dialogues of the Carmelites," by Francis Poulenc, 8:15 p.m., University Theatre.

March 17: Concert Series to present Hans Richter-Haaser, pianist, 8:15 p.m., Jesse Auditorium.

March 16: Albert Camus' "Caligula," (in French), 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

FILMS, EXHIBITS

Feb. 22: Film Classic: "Anatomy of a Murder," 5 & 8:30 p.m., Jesse Auditorium.

March 1: Film Classic: "The Mouse That Roared," 6 & 8:30 p.m., Jesse Auditorium.

March 4: Alec Guinness Festival: "Last Holiday," 7 p.m., Jesse Auditorium.

March 8: Anthropology Film Series: "Miss Goodall and the Wild Chimpanzees," 2 p.m., Memorial Union Auditorium.

March 8: Film Classic: "The Pumpkin Eater," 6 & 8:30 p.m., Jesse Auditorium.

March 11: Guinness Festival: "Kind Hearts and Coronets," 7 p.m., Jesse Auditorium.

March 15: Film Classic: "The Guns of Navarone," 2 p.m., Jesse Auditorium.

March 18: Guinness Festival: "The Lavender Hill Mob," 2 p.m., Jesse Auditorium.

To Feb. 27: Exhibit: "Artists of the Western Reserve," Brady Commons Gallery.

March 2-31: Exhibit: "Intaglio Prints of Ken Kerslake," Fine Arts Gallery.

March 2-20: Exhibit: "Posters from Denmark," Memorial Union Gallery.

March 2-27: Exhibit: "International Paintings," Brady Commons Gallery.

CONFERENCES, INSTITUTES

Feb. 21: Labor Editors Conference, 8 a.m., Memorial Union. Sponsored by Labor Education Program.

Feb. 22: Retail Florists Conference, Memorial Union. Sponsored by the College of Agriculture.

March 4: Crop Breeding and Management Seminar, Waters Hall. Sponsored by the department of agronomy.

March 6-7: Food Technology Conference, Memorial Union. Sponsored by the College of Agriculture.

March 12-13: City Managers conference.

March 13: Missouri Planning Assn. Conference, Memorial Union.

March 14: Mathematics Teachers Assn. Conference, Memorial Union. Sponsored by the College of Education.

March 15: Medical Secretaries Conference, Memorial Union. Sponsored by the College of Education and the School of Medicine.

March 16-21: Engineering Week. Sponsored by the College of Engineering.

March 19-20: Municipal Clerks and Finance Officers Conference, Memorial Union.

March 20-21: Kindergarten Conference, Jesse Auditorium. Sponsored by the College of Education.

COURSES, WORKSHOPS

Feb. 25, 26; March 4, 5; 11, 12; 18, 19: Rapid Reading Short Course, 7 p.m., 1 Hill Hall.

March 5, 12, 19: Professional Engineering Refresher Course, Electrical Engineering Building.

March 2, 16: Orientation Sessions for new employees, 2 p.m., 54 Memorial Union. Sponsored by Personnel Services. Attend one session.

March 6: Rural Development Staff Workshop, Brady Commons.

DEADLINES, OTHER EVENTS

Feb. 20, 27, March 6, 13, 20: Public Telescope Observing Nights, 8 p.m., 205 New Physics Building.

Feb. 25: Deadline for registration for Intramural Table Tennis Doubles.

Feb. 27: Deadline for Stories for next Faculty Bulletin.

March 10: Pi Lambda Theta tea honoring national officer, Memorial Union.

March 13: Deadline for stories for next Campus Columns.

March 14: Fortnightly-University Club banquet, 6 p.m., Large ballroom Memorial Union. Groups will then attend "Fantasticks or How To Succeed in Marriage without Really Trying," 8:30 p.m., Jesse Auditorium.

SPORTS

VARSITY BASKETBALL

Feb. 21—Oklahoma State University at Columbia.

Feb. 23—University of Kansas at Lawrence.

Feb. 28—University of Nebraska at Columbia.

Mar. 7—University of Colorado at Boulder.

GOLF

March 14—Oklahoma State at Stillwater.

March 16—Lincoln University here.

March 21—Arkansas at Springfield, Mo.

March 28-April 3—Texas Spring Trip:

March 30—North Texas State at Denton.

March 31—Southern Methodist University at Dallas.

April 1—Texas Christian University at Fort Worth.

April 3—Lamar Tech (tentative) at Dallas.

April 6—St. Louis University here.

April 10-11—Kansas, Kansas State, Nebraska and Iowa State here.

April 13—Washington University and Iowa University (tentative) here.

April 16—Drake University here.

April 17-18—Southern Illinois and Drake, Illinois Intercollegiate Tournament at Champaign.

April 20—Washington University and St. Louis University at St. Louis.

April 24—Nebraska, Kansas, Kansas State and Oklahoma State at Lawrence.

April 25—Nebraska, Kansas, Kansas State and Oklahoma State at Manhattan.

April 27—Illinois State University of Normal here.

April 29-May 2—Wichita State University Tournament at Wichita.

May 14-16—Big-Eight Tournament at Lawrence, Kan.

INDOOR TRACK

Feb. 20—Kansas State at Columbia

Feb. 27, 28—Big 8 Indoor at Kansas City

March 13, 14—N.C.A.A. Championship at Detroit.

OUTDOOR TRACK

March 28—Arkansas Relays at Fayetteville

April 3, 4—Texas Relays at Austin

April 17, 18—Kansas Relays at Lawrence

April 24, 25—Drake Relays at Des Moines

May 2—Kansas State at Manhattan

May 9—Nebraska at Columbia

May 15, 16—Big 8 Meet at Lawrence.

June 5, 6—Central Collegiate

June 18-20—N.C.A.A. Championship at Des Moines

WRESTLING

Feb. 25—Western Illinois University at Columbia (7:30)

Mar. 5—Southern Illinois University at Columbia (7:30)

Mar. 13-14—Big Eight Championships

Mar. 26-28—NCAA Championships at Northwestern

SWIMMING

Mar. 5-7—Big Eight Championships

Mar. 26-28—N.C.A.A. Swimming and Diving Championships, University of Utah, Salt Lake City, Utah.



Outside, old man winter blows . . .



Inside, hanging orchid grows . . .

Contract Under Glass

Jungle, Desert Alive at UMC

"That lucky old sun" brought luck for UMC botany greenhouses during a recent combined threat of cold weather and broken steam pipes.

Sunlight through the whitewashed

UMC Personnel Announce Two Phone Services

Columbia Campus Personnel Services Office has announced two new telephone services as well as a change in the office's telephone number.

Electronic answering equipment has been installed to take messages from callers after 5 p.m. daily and on weekends. These calls will then be returned at the first opportunity.

Additionally, a "Job Opportunities Service" has been initiated. By calling 449-9777 at any time an employee or potential employee can receive a current listing of available positions. This number is answered 24 hours a day, seven days a week and instructions are given concerning access to additional information about these positions.

The new telephone number for Personnel Services Office is 449-8591.

"It is our intention to provide the best possible service to the University and the community and we feel the expanded telephone service will help accomplish this purpose," C. B. Strawn, campus personnel officer, says.

At the time the personnel office was moved to 309 Hitt St., several direct telephone lines were installed. The following people can also be reached by direct lines:

C. B. Strawn, personnel officer, 449-8407

W. E. Von Mayr, assistant personnel officer, 449-8492

Lee Sharp, staff benefits supervisor, 449-8457

R. A. Norris, employment supervisor, 449-8441

Obituaries

Paris M. Baker, retired food service worker, died Dec. 13, 1969.

Delacy O. Estes, animal caretaker since May 1, 1942, died Oct. 22, 1969.

Charles Goslin, night watchman, died Dec. 13, 1969. He has worked for the University since April 1964.

Ruth P. Hunt, nursing attendant since Aug. 3, 1954, died Dec. 4, 1969.

Robert W. Menges, assistant professor of veterinary microbiology and assistant professor of community health and medical practice, died Dec. 7, 1969. He had been with the University since 1966.

Nobel Cook Mitchell, retired janitor, died Jan. 7, 1970.

glass roofs of these oases of green tucked among the large stone buildings of the white campus kept temperatures high enough to prevent serious damage to botany students' laboratory work or research projects.

The six greenhouses serve about 1,500 botany student each year. But they are also a fragrant green refuge for the public, especially during drab Missouri winters. (Hours are 8 a.m. to 5 p.m. daily and 2 to 5 p.m. on Sunday. Groups may make tour arrangements with the botany department, 449-8331.)

In the greenhouse chambers is a jungle room with a pool surrounded by tropical plants. Spanish moss of lacy gray, giant nasturtiums and philendrons, and pink-flowered bougainvillea hang above African violets and orchids of pink, yellow, white, blue and lavender. These are the hydrophytes, plants that thrive in moist conditions.

A room for xerophytes, plants requiring a hot, dry environment, contains a feathery thorn tree rising above cacti—large and small, tall and squat—in groups from the African desert and the American Southwest.

Sugar cane grows in a chamber here, coffee trees with their red berries, taro (elephant's ear) whose root is in the bread of the tropics, Mexican hibiscus, spices, herbs and countless other plants from around the world. Wild and cultivated flowers are blooming in a "false spring" for 750 students in winter botany classes.

Often students spend as much time in the greenhouses as in botany classrooms and laboratories in new Tucker Hall. Controlled environment of the greenhouses provides continually blooming flowers, nearly all the specimens needed for laboratory use. Without these, the department would need to collect and

dry flowers in season, then soak them for laboratory study and dissection.

Clair L. Kucera, professor of botany, and David B. Dunn, associate professor of botany, are the greenhouse committee and are carrying out extensive research studies there. Walter Chapman is greenhouse supervisor.

Billy G. Cumbie, chairman of the botany department, says research projects will be moved to the new greenhouses at Research Park.

Recipe Of The Month

Dora Belle Martz, administrative assistant in the Office of Public Information, submitted the following recipe:

GRASSHOPPER PIE

23 Oreo cookies, crushed
¼ cup melted butter
Press in bottom of a spring form pan

To 1 jar Kraft marshmallows, gradually add ¼ cup milk with a few drops of green coloring and mint flavoring. Fold in 2 cups of cream, whipped. Put into pie crust. Freeze.

(Do you have a favorite recipe you'd like to share with Campus Columns readers? Send it to Campus Columns, 223 Jesse Hall.)

Retirements

Thurber Harvey, janitor for 28 years, will retire at the end of this month. Harvey joined the University Aug. 6, 1942.

Newton M. Woods, water treater, will retire April 17 after 23 years with the University. He was first hired Nov. 21, 1947, as a maintenance employee and assumed the position of water treater in July, 1966.

Hollis L. Fenton, assistant janitor foreman, retired Feb. 16 after 17 years with the University. He was first hired as a janitor Nov. 5, 1953, and became a leadman Oct. 1, 1962. He was promoted to assistant foreman Oct. 1, 1965.

Leonard R. Erickson, library assistant I, will retire Feb. 20 after 13 years with the University. He began employment Sept. 26, 1957, as a clerk in the University Library, and became a library assistant in July, 1960. He was promoted to

library assistant I in July, 1965.

Nell H. Sharrock, senior cashier, retired Nov. 30. He began work for the University Jan. 21, 1957, and worked here for 13 years.

Gora Robertson retired last June 30. Robertson began work in June, 1958, and worked as an animal caretaker for 12 years.

Georgia N. Kopesky, junior laboratory technician, retired Aug. 31 after 11 years with the University. She was first hired Aug. 20, 1959, as a maid and became junior laboratory technician July 1, 1967.

Lillie B. Harrelson, nursing attendant, retired Nov. 2. She first joined the University April 11, 1960, as a nurse's aid, and was promoted to nursing attendant July 1, 1962.

Claude Dick will retire March 12 after 7 years with the University. He has been employed as a carpenter since July 25, 1961.

Tax Reform Bill Affects Withholding

The Tax Reform Act of 1969 signed by President Nixon Dec. 31, 1969, affects amounts to be withheld from employees by the University in 1970 for federal income taxes. Important changes include the following:

Personal and dependency exemptions for individuals increase from \$600 to \$625 for 1970; these exemptions increase again in 1971 and later years until they reach \$750 in 1973.

The income tax surcharge which was 10 per cent in 1969 will expire on June 30, 1970. The surcharge will apply for the first half of 1970.

The new law includes a \$1,100 per year low income allowance for individual taxpayers. For a single person the low income allowance and the increased personal exemption have the effect of moving the income tax floor (where taxable income begins) to \$1,725 in 1970; for a married couple with no dependents the floor is \$2,350 in 1970. The low income allowance decreases as income exceeds the "floor" income level.

The standard deduction, an allowance in lieu of personal deductions such as medical expenses and charitable contributions, has been 10 per cent of adjusted gross income with a maximum of \$1,000 for a married couple filing jointly and \$500 for an individual filing a separate return. The new law increases the standard deduction beginning in 1971. Withholding in 1970 will not be affected by changes in the standard deduction.

New withholding schedules reflecting the changes in the personal and dependency exemptions, the low income allowance, and the income tax surcharge will apply for the first half of the current year. Commencing July 1, 1970, when the income tax surcharge expires, new withholding schedules reflecting that change will be in effect.

A special benefit is provided for those who pay no federal income tax. This includes many students and part time employees. For wages paid after April 30, 1970, an individual is not subject to withholding on wage payments if he certifies that he incurred no liability for federal income tax for the preceding year and anticipates that he will incur no such liability for the current year. A form for this purpose is to be provided by the Internal Revenue Service and will be made available to all interested persons.

Any questions about federal income tax withholding should be addressed to the Payroll Office.

English Named Encyclopedia Board Member

Dean Earl F. English of the School of Journalism has been named to the consulting and advisory board for the Funk and Wagnalls Standard Reference Encyclopedia.

The board includes experts from widely divergent fields including bridge expert Charles Goren, semanticist S. I. Hayakawa and International Olympic Committee Chairman Avery Brundage.

As a board member, English reads and comments upon articles in the fields of journalism and mass communications. He critiques and revises materials, rewriting when necessary, to ensure accuracy and inclusiveness.

English served on the board from 1957-60 when the present 25-volume Funk and Wagnalls encyclopedia was prepared. The present appointment is for aiding in the preparation of an extensively revised and expanded edition.

English has been dean of the school since 1951 and will retire later this year.



Chinese Lions, presented to the School of Journalism as a good will token by the Chinese National Government May 8, 1931, guard the west entrance to J. H. Neff Hall. These "Shan Sze Tze," or "stone lions," each about 4 feet tall and weighing 5,000 pounds, date back to the Ming Dynasty about 1400 A.D. They came from Chufu, Shantung, China, birthplace of Confucius. Before being brought to UMC, they guarded the entrance of the Pao En Sz, or Temple of Thanksgiving, in Nanking, which was erected by the Emperor Lung Lu, founder of the Ming Dynasty. The female (left) is playing with a cub while the male is playing with a large ball which represents authority and the world. Both have a ferocious look, sometimes interpreted as laughing.

Correspondence Study Enrollment Increases

Enrollment in correspondence courses offered by UMC has increased by over 50 per cent during the last 15 years according to C. Alex Phillips, associate director of the UMC's correspondence study department.

During the 1954-55 academic year, 4,055 students enrolled in independent study courses through the Columbia campus. Figures for the 1968-1969 calendar show 6,171 new enrollees, a jump of 2,116 men and women.

Applications for the 1969-70 year are pouring into the correspondence study department at a record rate. From July to December last year, 2,668 applied, the largest number of enrollees for these six months in the history of the department.

The bulk of applications handled by correspondence study is received during the last six months of the academic year. During an average business day the number of applications received during these final six months are: January, 18.2; February, 28.6; March, 27.6; April, 17.7; May, 18; and June, 52.3.

These averages are considerably higher than the first six months of each academic year: July, 23.5; August, 19.6;

September, 24.8; October, 19.6; November, 15.2; and December, 10.2.

Much of the increase over the past several years has come from an increased number of American servicemen who are enrolled in both high school and college courses while on active duty, as well as a growing number of college students who complete college requirements over the summer months.

Others enrolled in courses by correspondence are high school students enrolled in high school courses; qualified high school seniors participating in college level courses; veterans who are eligible for courses under the G. I. Bill; teachers who seek pay increment advancement; and those who desire a Certificate of High School Equivalence.

Future growth is almost certain, Phillips says. "The department is particularly interested in developing informational and promotional materials to be directed toward special-interest groups who may not be aware of or have not widely used the resources of the correspondence study department.

For further information, contact the correspondence study department.

Safety News & Views

Extremely cold weather—car won't start—dead battery—jumper cables. This is a common chain of events in this part of the country which can produce a hazardous situation.

Hydrogen gas may be held within a dead battery since this gas is generated whenever a battery is being charged. The entrapment of hydrogen is most likely to occur when battery water is low and if the cap vents are plugged. Under these conditions as jumper cables are connected to the battery terminals, a spark may ignite the hydrogen and cause the battery to explode.

To reduce this hazard, the following steps should be taken when using jumper cables:

1. Remove all caps from both batteries and leave them off during the starting process.

2. Determine whether the car with the dead battery has a positive or negative grounded electrical system. (Positive terminal of the battery is connected to the chassis or engine block in a positive ground system.)

3. Connect both jumper cables to the live battery.

4. Make sure the cables are properly connected (positive to positive or negative to negative) to the ungrounded terminal of the dead battery.

5. As an added precaution cover the dead battery with a heavy piece of material such as carpeting.

6. Finally, connect the remaining cable to a convenient chassis or engine block location away from the battery.

One final thought: "Safety is not being on the same spot a car is on."

Curators OK Policies For Archive Program

The Board of Curators, at its meeting Feb. 13 in St. Louis, adopted policies for developing and maintaining an archival program at the University.

Before now the University has not had an official archival program. However, several months ago the need for and value of such a program was recognized, and Ralph S. Havener joined the staff as the University's first full-time archivist.

The following policies were approved by the Board concerning the archival program:

a. "The University Archivist shall seek to obtain for preservation the professional and personal manuscripts of academic and administrative staff and the records of student and faculty organizations.

"He shall also encourage retired and former faculty members and administrative officers to place their papers in the University Archives to insure the documentation of their role in the development of the University and its programs and projects. Likewise, he may encourage next of kin of deceased staff members to deposit professional and personal papers of the deceased in the Archives.

"The Archivist, in addition, shall keep a record of gifts to the University covering items such as paintings, statuary, artifacts and memorabilia.

b. "The Chancellor of each campus shall appoint a person to work with the University Archivist in developing an archival program for his campus and to assist in the coordination and maintaining of the central University Archives.

c. "A University Records and Archives Committee shall be appointed and shall include the following:

"Vice President for Administration, Chairman; Comptroller or his authorized representative; Director of Western Historical Manuscripts Collection or his authorized representative; University General Counsel or his authorized representative; and two consultants of professional rank.

"Upon recommendations from the University Archivist, the Committee shall determine what University records have administrative, legal, fiscal or historical value and should not be destroyed or otherwise disposed of and shall authorize destruction or disposal of other records. No University records shall be destroyed or otherwise disposed of by any University Officer or employee on his own initiative.

"The University Records and Archives Committee shall issue Rules and Regulations which shall be binding on all University academic and administrative staff. Such regulations shall establish procedures for compiling and submitting to the Committee, lists and schedules of

Highlights Of Curators Meeting

Highlights of actions taken by the Board of Curators at its meeting Feb. 13 in St. Louis:

* Approved tuition for non-resident graduate students at the University, effective with the Fall, 1971, semester, although graduate students who hold teaching or research assistantships or similar assignments will continue to pay only the regular incidental fees.

* Approved policies pertaining to developing and maintaining an archival program for the University.

* Approved scaled-down plans, necessitated by a cutback in federal funds, for constructing a new Mathematics and Computer Science Building on the Rolla campus.

* Approved the appointment, effective July 1, of Dr. Richard H. Armitage as provost and dean of faculties at UMKC. Armitage presently is dean of The Ohio State University Graduate School.

University records proposed for disposal, procedures for the physical destruction or other disposition of University records and standards for the reproduction of records by photography or microphotographic processes."

New Employee Publications Now Available

Several publications concerning personnel and employee relations have been completed and are being distributed to administrators, supervisors and employees.

The Employee Handbook, *Working With The University of Missouri*, is being distributed to all full time permanent non-academic employees. This publication contains information of concern to all employees and is written in an easy to read style. Items of general interest are covered as well as personnel policies and procedures. The general information section covers athletic tickets, identification cards, optional payroll deductions, use of the swimming pool and many other items. If you are a full time permanent employee and have not received a copy of this handbook, please ask your supervisor for one. The Employee Handbook will be issued to all new employees as part of the regular orientation programs.

The *Employee Relations Manual* contains policies, practices and procedures that are particularly applicable to service and support employees. This manual printed in pocket book size updates and replaces the previous larger size book with the same title. The earlier book should now be discarded. Distribution of the manual is to full time permanent employees who may be represented by a union organization.

Management Guidelines has been distributed to members of the management group. This publication contains the *Employee Relations Manual* referred to above and in addition guidelines on various administrative and supervisory topics to help managers carry out their responsibilities. The first guideline concerns proper disciplinary action. Another one on sick leave is now being completed and will be sent out soon. These are prepared separately for management's use only and additional guidelines will be sent out from time to time.

It is anticipated that the distribution of these publications will help give all employees additional information concerning policies affecting their work and help provide uniform application of policies across the campus. It is hoped that each person will read the material provided and keep it available for future reference.

'High School' Film To Be Shown Here

"High School," a documentary movie by Frederick Wiseman, will be shown at 7 p.m., March 11 in the Library Auditorium under the joint sponsorship of the undergraduate Education Student Council, Student National Education Assn., Pi Lambda Theta and Phi Delta Kappa, education honorary fraternities.

There will be no admission charge and the public is invited to attend.

In commenting on the movie, Newsweek said, "If public schools are as bad as 'High School' says they are, this nation is chopping up its own youth in a gigantic garbage disposal unit and going down the drain."

Saturday Review has called it "a terrifying, intimate view of the system."



JOE GOLDFARB

'I'd Have Climbed a Mountain'

An intense desire since childhood to coach plus being in the right spot at the right time explain where Joe Goldfarb is today—head coach of UMC's fast-growing collegiate swimming program.

"I would have done anything to become a coach, even climb a mountain if that were necessary," the 29-year-old former breaststroke specialist at Indiana University says.

"I got interested in coaching about 12, I guess, even wrote a theme on wanting to coach as a seventh grader."

His coaching aspirations were overshadowed somewhat as a youngster, however, by a love for swimming which has grown since. The Indianapolis native began competitive swimming in AAU age group action in the 12-14 year-old class. He ended competition after three years on Indiana's swim team.

Why swimming? "It's funny really since

as a kid I liked swimming third best behind football and basketball, but I was better at swimming.

"Swimming really makes a man out of you. It and athletics in general offer one of the few ways a person can get to know himself today. It's a way through hard work and pushing yourself, you can find out what you really can do."

As a collegian, Goldfarb was a part of the growth of Indiana's swimming dynasty under Dr. James Councilman, who took over as head coach in 1958.

"Before that time, Indiana's swimming program was poor, but since has become by far the strongest in the country. A poll taken during the last Olympics showed the Indiana swimmers on the U. S. team competing by themselves could have won fifth place among all the world's teams entered!"

After receiving his bachelor's degree in physical education in 1963, Goldfarb remained at Indiana as a graduate assistant and completed requirements for a master's degree which he received a year later. Goldfarb credits Councilman with helping maintain his enthusiasm to coach.

"It was a great experience. He was the master, and I really learned from him, sort of like an apprenticeship."

A chance to gain coaching experience wasn't all Goldfarb ran into in graduate school—he also met his wife.

"I had my feet up on her chair in the physical education library when she walked in. It was the first time I'd seen her, but I liked what I saw. I found her attractive, started taking her out and ended up at the altar two years later."

He and the former Alice Heuck now have a nine-month-old son, Rodney Eric. He was born in Columbia where Goldfarb moved five years ago as assistant aquatics director, not head coach.

"I was coaching in Indiana (Cincinnati's Wintrow High School) in 1965 when Bill Bush (an old friend and Missouri's aquatics director) called me about Missouri needing a head swim coach. I applied, but didn't get the job.

"About that time, the assistant aquatics director left Missouri and Billy called me about that position opening up. I applied and got the job. Then the head swim coach (Jerry Weichmann) left, and I just moved up. It was really a case of being in the right place at the right time."

It proved to be UMC's good fortune. Under Goldfarb's direction, the Tiger swim team (five years old) has come from last in the Big Eight the first year to third last year. Three swimmers qualified for the NCAA meet last year for the first time.

What about this Big Eight meet (March 5-7 at Ames, Iowa)?

"I don't know really, but there's a slight possibility we could win. This is the best team ever assembled in the state, and we've come a long way. And we're still growing—we sure haven't reached the zenith yet. There's no doubt in my mind we'll be number one in the conference one day."

The Campus Crusade for Christ faculty advisor says much of the credit for the rapid improvement has to go to the "tremendous support of the athletic department here, especially financial aid. Ninety per cent of our swimmers are on some type of scholarship now."

Goldfarb now is busy preparing his team for the conference meet, then hopefully an even larger contingent than last year for the NCAA meet. It's doing what he likes best—coaching—and judging by his record at Missouri, it is a good thing Joe Goldfarb was in the right place at the right time.

Policy & Procedure

University Leave Policies Concern All Employees

The University has established policies and procedures concerning sick leave, leaves of absence and military leaves.

Sick Leave

All full-time University employees earn ten days of paid sick leave a year, prorated after six months employment and retroactive to the date of employment. There is no limit to the amount of sick leave you may accumulate; however, it is to be used only for personal illness of your own medical or dental appointments impossible to schedule during off-duty hours or days. Requests for time off for these appointments shall be made as far in advance as possible.

Sick leave is not paid for maternity except that time used in medical examinations may be applied for before leave of absence becomes effective.

If you are employed on a nine or ten months basis, the amount of sick leave you earn is prorated according to the number of months you work each year. A half month or more of employment will be considered a complete month in computing earned sick leave. Less than one half month of employment will be disregarded.

It is your responsibility to notify your supervisor immediately in case of illness. You or a member of your family or a friend should call as soon as possible but no later than the first half-day of the absence.

You may be required to furnish satisfactory proof of sickness or injury or of a medical or dental appointment.

Leave of Absence

A leave of absence without pay for more than 30 calendar days may be granted to full-time, permanent

employees with the approval of the Board of Curators or their designated representative. Leaves are granted for various reasons for periods of up to one year, or to the ending date of the appointment, whichever occurs first. Extensions may be approved for a period not to exceed one year approved by the Board of Curators or their delegated representatives. Leaves of absences of less than 30 days may be handled as excused absences.

An employee on leave of absence without pay does not accrue vacation or sick leave benefits, but may continue his participation in the University staff benefit plan by arranging for payment of premiums during the leave of absence.

Complete information on the leave of absence policy, including instructions on application for such leave may be found in the Business Policy and Procedure Manual.

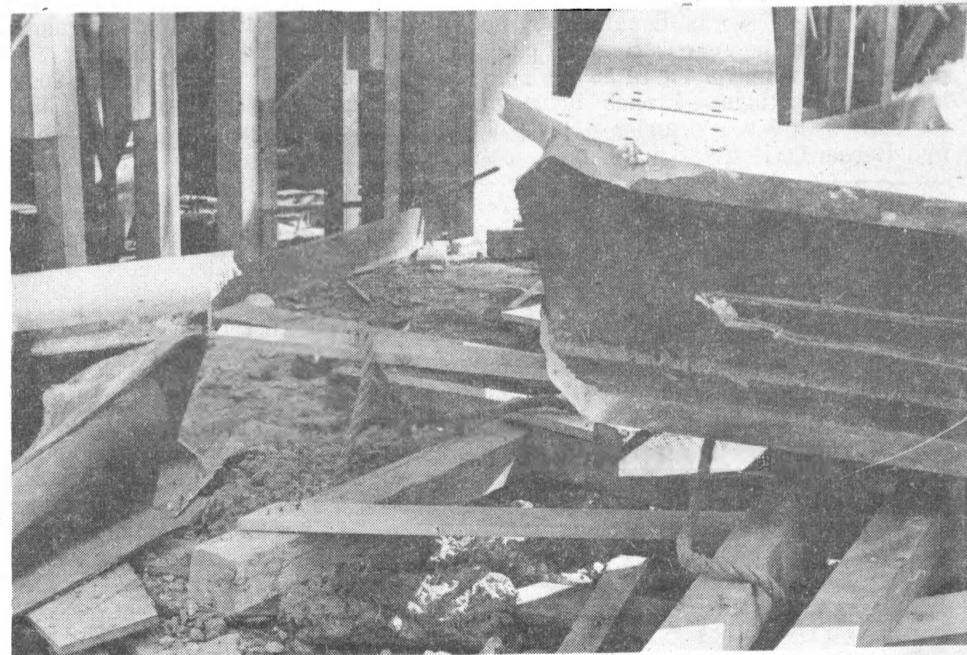
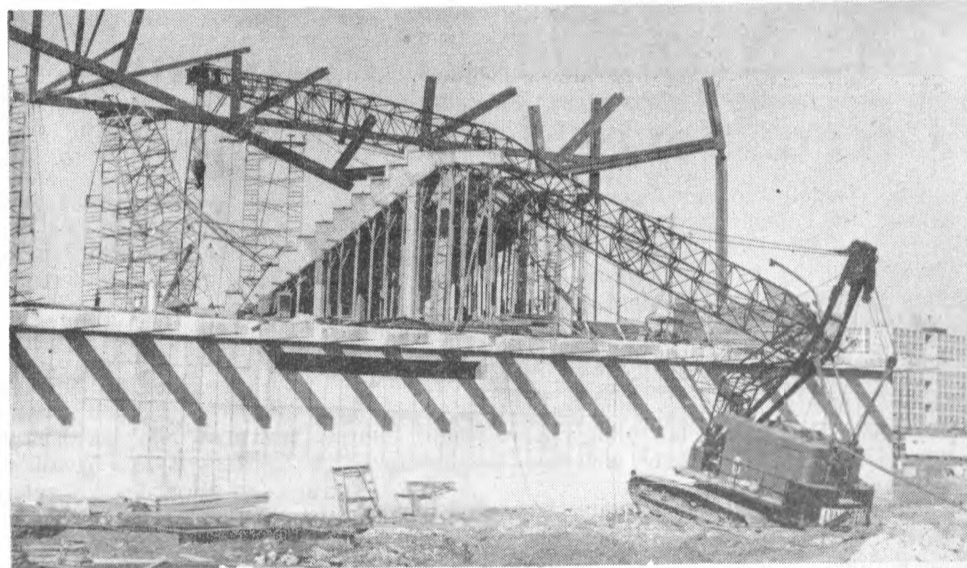
Military Leave with Pay

Full-time permanent employees who are or become members of the Armed Forces of the United States are entitled to leave of absence without loss of pay or regular leave, or impairment of efficiency rating, or loss of any other rights or benefits to which they are otherwise entitled when engaged under official orders in the performance of temporary duty or training; except that University pay will continue for not more than ten scheduled working days per calendar year. Copies of the official orders must be filed with the personnel office.

Military Leave without Pay

After six months employment, you may be granted military leave without pay if you are drafted, or if you enlist, or if you are a Reservist or a member of a National Guard unit that is called to active duty. When you are released from active duty, under honorable conditions, you will be reinstated in your former position, if it still exists, or one of similar status and pay, without loss of seniority. You must, however, apply for reinstatement within 90 days after your release from active duty, and be physically and mentally capable of performing the duties of the job. If your job no longer exists, every attempt will be made to place you in a similar position on the campus.

Complete text of the military leave policy is contained in the Business Policy and Procedure Manual. Ask your supervisor to consult this manual for regulation governing your particular case.



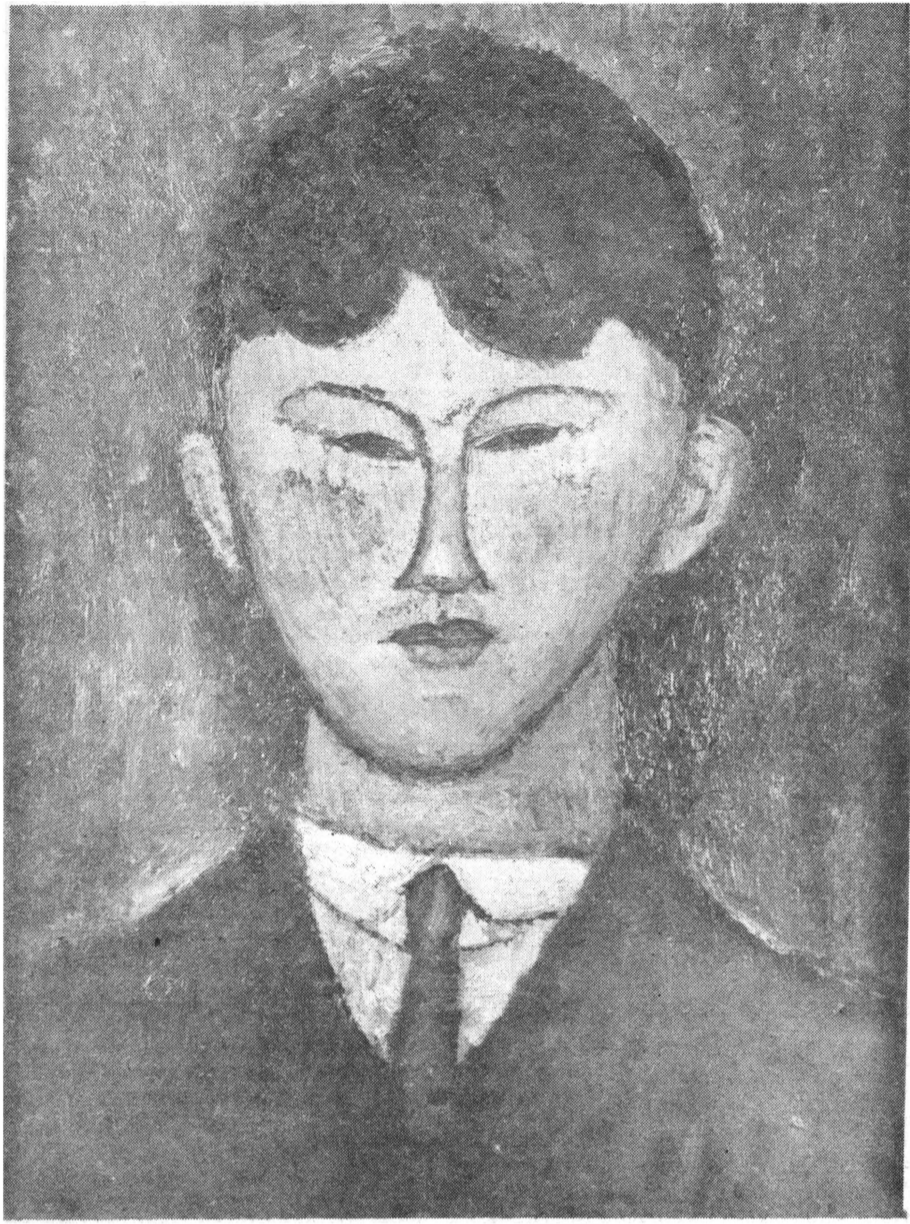
Five men were injured Feb. 10 when a 100-ton capacity crane buckled and crashed onto steel trusses of the multi-purpose auditorium under construction at UMC. The crane sank partially into soft ground, causing the boom to buckle.

The accident is not expected to delay completion of the building and no damage estimate has been made to the structure, although damage to the crane was estimated between \$10,000 and \$15,000.

Injured in the accident were Arthur Hale, Leo Duncan, Lannie Edwards, William Morrison and Curtis Milroy. All five were treated and discharged from University hospital.

CAMPUS COLUMNS

Campus Columns is published monthly except August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall, at least a week prior to publication. Office: 449-189. Editor: Kay Mariea



"Polish Boy," an oil painting by Amedeo Modigliani, has been contributed to the Museum of Art and Archaeology.

Art, Archaeology Museum Given Several New Objects

Due largely to the generosity of donors, the collections of the Museum of Art and Archaeology were expanded greatly during 1969, according to Mrs. Jane C. Biers, UMC assistant curator of ancient art.

Works of great interest and value were received during the year. The gifts ranged from ancient to modern and from European to Eastern, but mainly it was in the field of 20th century art that the collections were increased.

Mr. and Mrs. Marvin Small of New York donated 16 paintings including an oil entitled "Polish Boy" by the Italian painter, Amedeo Modigliani.

Among other works donated by the Small's during the year were an oil painting by Maria Helena Vieira da Silva, an important Portuguese-French artist of the early 20th century, and a watercolor by Bernard Buffet, a French ex-

pressionist. These paintings and a large collection of prints are on display currently in an exhibition of 20th century art in the first two painting galleries of the museum.

To balance the collection of drawings and paintings, limited purchases were made of works from earlier centuries. An oil by Hubert Robert, a French artist of the 18th century, a pen and ink drawing entitled "An Angel on the Tomb of Christ" by Salvator Rosa, a 17th century Italian artist, and other 16th, 17th and 18th century prints are among the new acquisitions.

The museum is planning an exhibition of 15th, 16th and 17th century prints and drawings for April of this year.

The Museum of Art and Archaeology is located on the fourth floor of the Library Building. It is open from 2 to 5 p. m. daily.

Blankenship Performs Sonatinas On Recently Released Records

Two recordings of classical and romantic sonatinas have been released on the Educo Records label featuring pianist Jan Blankenship, UMC music faculty member in his recording debut.

Blankenship, who has performed in more than 45 American cities as a recitalist and symphony orchestra soloist, performs all works except two Beethoven compositions for the first time on the two recordings.

On the first record, Blankenship performs two compositions by Haydn—"Second Sonata in C major," and "Fourth Sonata in F major"—two Mozart compositions—"Second Viennese Sonata in A major" and "Fifth Viennese Sonata in F major"—and two works by Beethoven—"Sixth Sonata in G major" and "Fifth Sonata in F major."

In the second recording, Blankenship plays Reinecke's two com-

positions—"Sonatina Opus 136, No. 1, C major" and "Sonatina Opus 136, No. 2, G major"—Spindler's "Sonatina Opus 157, No. 4 C major," and "Sonatina Opus 157, No. 8, E minor, Gurflitt's "Sonatina Opus 54, No. 4, D major," and Lichner's "Sonatina Opus 49, No. 1, C major."

Blankenship currently has another work in preparation for release by Educo Records—Bach's "Forty-eight Preludes and Fugues" ("The Well-Tempered") Clavier which will comprise eight disks.

An Eastman School of Music graduate, Blankenship has been acclaimed as a leading young piano virtuoso by critics. Last spring he completed a 3,000 mile concert tour of northeastern United States where he performed five recitals in Michigan, New York, Maryland and Virginia during a 14-day trip.

In Columbia, Educo records, featuring performances by Blankenship, are available from the Missouri Book Store.

When Spring Cometh, Cleaning Cometh Too

(Editor's Note: "Environmental Control" takes many forms, including cleaning windows and cutting grass. Here, a Campus Columns reporter offers some observations on spring housecleaning being accomplished around the campus.)

Last week I borrowed some golf clubs from a friend, threw them over my shoulder and headed home for a pitch and putt session in the back yard which, around my house, signifies more surely than the groundhog that spring is on the way.

Well, my wife saw me with those things, put on her apron and began to scrub old man winter off the windows. The moral of this short tale is clear—when golf cometh, surely spring cleaning is not far behind. Being in the business of asking questions (nosy if you prefer), I started wondering who does the spring cleaning at UMC, what kind of cleaning is done — you know, the standard type questions.

Figuring that a good place to start would be right at the front door, I looked out toward the Columns and discovered all that white stuff on the ground was not snow, but lime. So I asked Dick Dunn, foreman of the campus shop, "Is that part of your spring cleaning operation?" He said it was but only a small part; they were doing lots of things to get UMC ready for the coming of spring time.

First Dick pointed out the problem of surface drainage. He said the drains become clogged through the fall and winter with leaves and such, and that catch basins, drainage areas and water spouts have to be cleaned up before the rains come.

He said his men were liming the entire campus, an operation that would require about a week or ten days if that was all he had to worry about, but since other jobs cannot be left undone, it takes somewhat longer than that. He said it has been three years since the last liming.

Planting new trees and spraying old ones is another major job this spring at the campus shop. Dick said his crew was planting hardwood shade trees, evergreens and ornamentals around the new math building, the livestock pavilion, the Research Park and at other areas. Most of the trees are oak, ash, sweetgum, spruce, fir and magnolia.

Shop personnel also are using a dormant spray on existing trees to prevent or kill fungus, insect eggs, elm leaf beetles and scale.

Getting tools ready and purchasing new equipment are other items under way. Among the pieces his shop has received to ready itself are riding mowers, handmowers, new spray equipment, large tractors with mower attachments, two utility scooters, a new dump truck and a van-type special truck for small chores and personnel transportation.

Well, I figured that's only half the story. Dick Dunn's men are doing the outside jobs, but somebody must be doing the inside ones. So I talked to L. C. Maddox, supervisor of non-technical trades at UMC, and sure enough they're getting

ready to do some special things inside the buildings too.

L. C. said his department had several jobs in the mill. One of the big ones is window washing. He said washing will start as soon as the temperature gets up around 40 degrees and stays there for awhile. It will take all Spring and well into Summer just to get each window once. The most appreciated building during this time of the year, according to the window washers, is the New Agriculture Building.

Another job performed by non-technical trades is the spring fire safety inspection. Maddox said it will take three men about four months to recharge extinguishers, check hoses for breaks and rewind them.

Spring cleaning in the traditional sense is the object of a final job done each Spring by non-technical trades. According to L. C., there are a few people at UMC who like to collect old equipment, packing crates and the like in building attics. Each spring non-technical trades checks the attics and storerooms in all buildings and removes old desks, worn-out laboratory equipment, useless cabinets or whatever and carries them away.

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 307-309 Hitt St., 449-8591, or Room E-27, Medical Center, 442-5111 ext. 665. The following are representative of available openings:

- Stenographer
- Secretary-stenographer
- Research Technician with Science Degree
- Locksmith III
- Medical Center:
 - Senior Clerk Typist
 - Senior Credit Interviewer
 - Hospital Patrolman

Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.

'Sweetwater' Perform Here

"Sweetwater," eight musicians who combine classical, rock, jazz and folk music, will highlight a free musical concert featuring it and two other groups at 8 p.m. Feb. 20 in Brewer Fieldhouse.

Along with Sweetwater, the Student Activities-sponsored program, will include a local group, "Farmers Market with the Plenty Horn," and the professional comedy-musical team, Maffitt and Davies.

Originally formed in a Los Angeles coffee house during an informal jam session, Sweetwater made its official debut as a professional group in December, 1967, in Los Angeles. It has played since in numerous locations on the West Coast including Los Angeles and San Francisco. Reprise Records soon signed Sweetwater to a professional recording contract which began with the album "Sweet Water."

Tickets are being given out free to UMC students, staff and faculty members upon presentation of validated ID cards. They also may pick up a ticket free for their husbands or wives when they present their ID cards.

Credit Union

(Continued from Page 1)

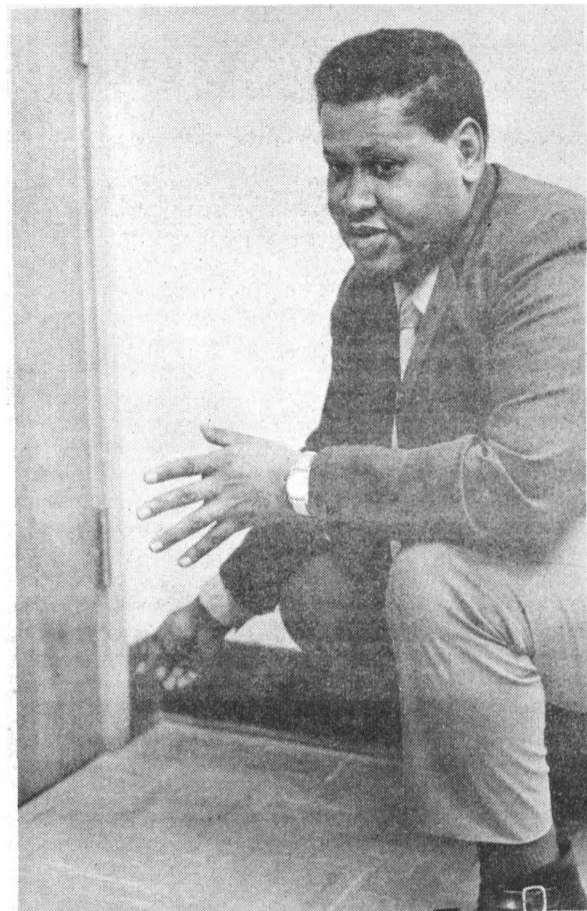
chairman of the credit committee that approves requests for loans.

Credit union officers were named by the organization's board of directors. They are: Monte Gurwit, UMC, president; Harry Sauer, vice president; Susan Freegard, treasurer; and Mrs. Pat Miles, UMC, secretary.

The academic staff has purchased more than half the shares but has received only about a third of the loans, Poore said. Faculty members compose about one-fourth of the members and the rest are mainly administrative personnel.



C. WOOD HATTON



BILL PETTY

11 to 7 Shift

The UMC campus is very quiet, almost deserted at night. Nobody talks, nobody walks through the classroom and administration buildings. However, in the midst of this quietude, buffers whirl, mops slap wet tile floors—echoing throughout the otherwise peaceful halls.

The “noisemakers” are assigned to General Services’ Janitorial Services section. Each night, seven days a week, about 40 of the 290 men in Janitorial Services go to work cleaning UMC floors. Few people see them at work yet many see the results of their labors without thinking about how they were attained.

Campus Columns went with the crew assigned to Bill Petty, Sr., 506 Rogers, to the Memorial Union. As assistant janitor foreman, Bill has about 20 men in his crew. Most of them work on the floors in the Memorial Union but others are responsible for all janitorial duties in the Mathematical Sciences Building, and some go around to other buildings to strip the floors (remove all wax and dirt) and wax them.

Bill is a perfectionist and his men do not let him down. “I’m very proud of the way my men take individual and team pride in their work and strive to do a good job every night. They know what it takes to get a good, clean floor and they do it.”

The men work at night—11 to 7, a time ungodly to some but absolutely essential for Bill’s crew. It is then the building is empty so the workers and passers-by do not get in each other’s way.

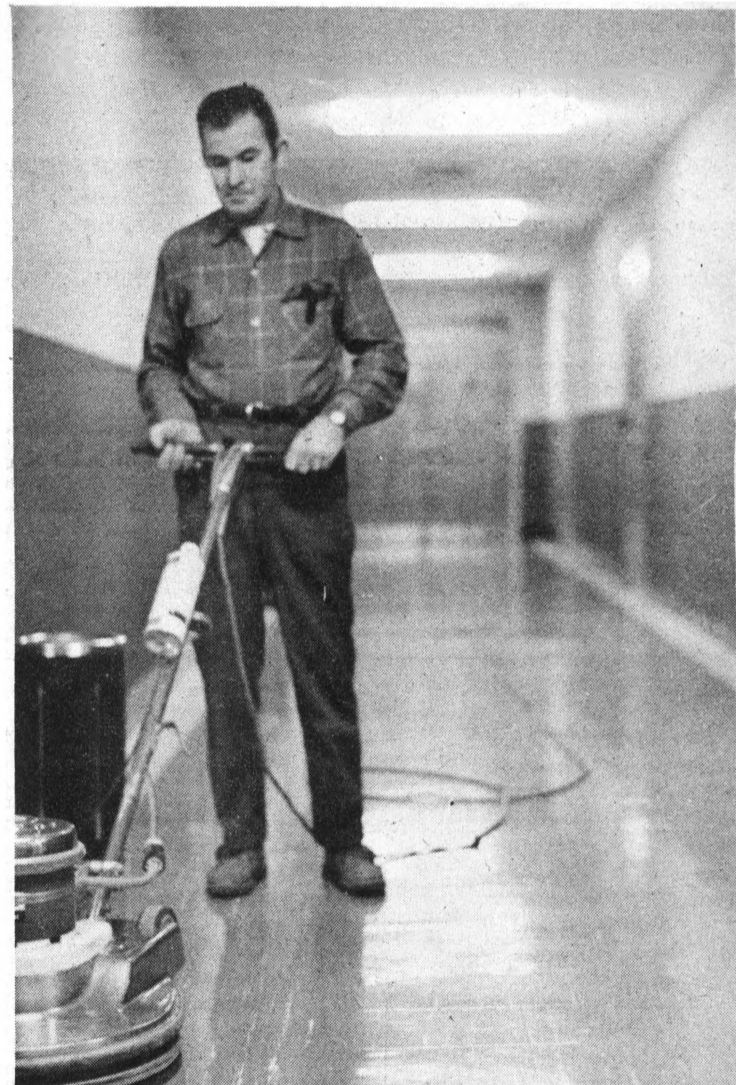
With the heavy daily traffic in the Memorial Union, it is necessary for the floors to be maintained every day. At least 8,000 — mostly students — use the campus center on an average day, and football weekends or other busy times might see 15,000 bustling in and out. The footsteps may not be heard but their effect can be seen at the end of the day. Dirt, scuff marks, mud, and slop are waiting for the Janitorial Services people.

“If we don’t maintain these floors, wear and tear begins to show and then tiles have to be replaced,” says Petty.

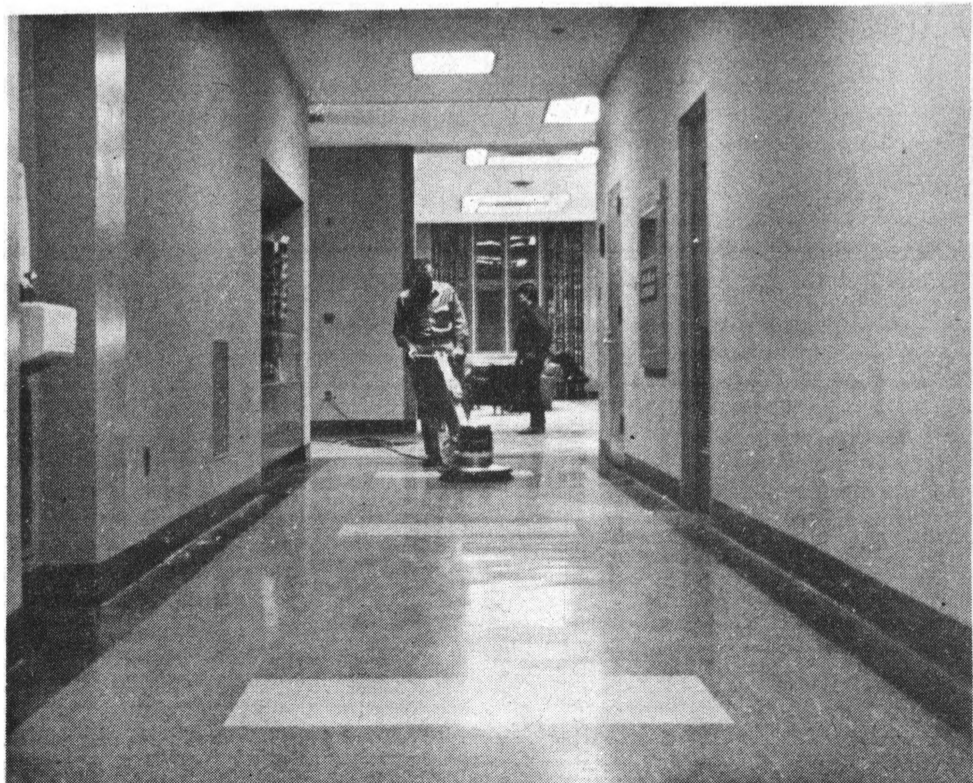
According to Bill, most of his men work six days a week although only five days are required. When the weather is bad outside, the floors get worse inside and the men are on hand to pitch in and get the job done.

To do a complete and fast job, the men use spray buffers which simultaneously clean the floors and put a light coat of wax on them. Also, many new detergents and waxes are on the market—improving each year.

Even with revolutionary chemical aids and huge, powerful, timesaving machines to keep floors safe and presentable, it takes men to apply the detergents and waxes, it takes men to operate the machines, it takes men working—all night long.



BILL FENLEY



SHIRLEY GARRETT

Art of Rome, Greece Exist in Legacy of Casts

Art and archaeology students of the early 1900's left a legacy to current UMC students—a legacy that is now irreplaceable—a gallery of casts from many famous works of classical sculpture.

Laboratory fees of those students provided funds for plaster copies of more than a hundred works in major European galleries in Paris, Rome, Naples, Florence and others.

A life-sized figure of St. George with his shield stands guard before the always-open door of the Cast Museum on the third floor of Jesse Hall. This sole Renaissance figure in the UMC collection is a copy of the work of Donatello now in the Bargello Museum of Florence, Italy.

Inside the Museum are duplicates—alike in size and detail—of Greek and Roman statues most students

never see outside their textbooks. Here are copies of the Discus Thrower and Laocoon attempting to save his children from the serpent (both originals in the Vatican at Rome)—Venus de Milo and the Winged Victory of Samothrace, her floating garments and soaring wings seemingly too fragile to have been carved of stone (originals are in the Louvre)—a Roman matron, a small boy removing a thorn from his foot (in the Capitoline Museum at Rome). Around the room are portrait heads of Greeks and Romans, and panels duplicating temple reliefs, including sections from the altar of Zeus at Pergamon and the Parthenon in Athens.

Variety is added by cases of coins, lamps, pottery and glass of the same period from the Museum of Art and Archaeology in the UMC Library.

Prof. John Pickard, who in 1892

founded the UMC department of art and archaeology, one of the first in the country, went to Europe before the first World War to personally select the plaster casts.

Today, museum directors no longer allow such casting, for fear it might endanger the originals, according to Osmund Overby, chairman of art history and archaeology.

In the early part of the century, he points out, many American colleges had collections like this. But by World War II most had disappeared, some for lack of space, others because studying from casts had seemed to "go out of fashion"

with artists, he comments.

The Cast Museum at UMC was subdivided during the 1940's into classrooms, and the collection stored behind a curtain in one room.

When the art department moved to the new Fine Arts Building in 1960, the Museum was re-opened. Homer Thomas, professor of archaeology, began to remove the partitions himself, with occasional assistance from custodians in Jesse Hall.

Thomas and Dr. Weinberg, professor of classical archaeology, undertook the much-needed renovation of the casts, after consultation with Charles Morgan, an Amherst archaeologist. Morgan had renovated the Amherst collection despite the assumption of many curators that plaster would wash away when cleaned.

Under the direction of Professors Thomas and Weinberg, the UMC statues were carefully vacuumed and then washed with a foamy solution of Ivory Flakes.

Lawrence McKinin, UMC professor of art, developed a spray paint which campus workmen applied to all the casts. At his suggestion, the museum was redecorated in two shades of gray to complement the white casts. The renovation, done after regular hours, required about a year-and-a-half.

Today the Cast Museum, although not crowded, is in continual use, considered an essential teaching aid for students in art history, archaeology and humanities. Art classes sketch its figures and school children come frequently for guided tours.

Casual Jesse Hall visitors, lured in by the Museum's open door, may see some of the most authentic replicas of classical sculpture to be found outside the great galleries of Europe.



Cast of Laocoon trying to save his children from serpent

Job in the Spotlight

Trice Takes Special Care Of Vet Research Animals

As the man approached the stall, the young goat ran to the gate, obviously excited to see him.

"Peanuts was born four weeks premature during that extreme cold spell in January," John Trice, chief animal caretaker at the Veterinary Medicine Research Farm, explained as he lifted the kid out of the stall. "I really didn't think he'd make it. I kept him in an incubator for two weeks, making special trips back here at midnight every night to feed him. Now he's back with the other goats, but I think he still likes humans better."

The special care Peanuts received is typical of how John cares for all the animals in his charge. Although, simply stated, his major duties are to feed and water the animals and to clean stalls at least once a day, his actual performance goes much farther.

"These are research animals and, because of the experiments they are involved in, they often require special care," John says.

Many of the farm's goats, for example, are involved in a study of placental transfer of drugs being conducted by Dr. Badi M. Boulos, assistant professor of veterinary physiology and pharmacology. Catheters are attached to the fetus, drugs are administered to the mother and the effect of the drugs on the fetus is studied. Because of this, these goats, unlike most goats, need help when giving birth.

"If someone isn't here when the kid is born, both the kid and the goat will probably die. Unfortunately, the animals don't always time things between 9 and 5," John says. Working hours, therefore, are long, irregular and demanding.

John first started working for the

University about eight years ago as a janitor. Five years ago a professor, who was pleased with his work, suggested that John join him as animal caretaker in a drug study he was performing. Since then, John has advanced to chief animal caretaker at the farm and cares for animals involved with many studies. One faculty member comments that "he is a priceless help to research people."

John works with many types of animals, large and small—pigs, dogs, cats, cows, goats, rats, rabbits, hamsters, chickens and turkey. All receive his special care, as is evidenced by his knowledge of individual animals. He calls some by pet names and says of another, "She's a tempermental old sow."

Working with animals is a natural job for John since he has lived on a farm for many years. He and his wife, Wanda, have been married for 25 years and have two children, Judith Ann, 24, and John Henry, 18.

With his obvious appreciation and affection for animals, John's dedication illustrates that a little effort goes a long, long way.

Esterhazy To Premier 'Trajectories'

The premier performance of a work composed especially for the Esterhazy String Quartet by UMC music faculty member William McKenney will highlight the quartet's recital at 8:15 p.m. Feb. 24 in the Fine Arts Recital Hall.

An assistant professor of music theory and composition, McKenney composed "Three Trajectories for String Quartet" during the last two years. The quartet will combine McKenney's composition with Beethoven's classical "Quartet in F Major, Op. 135" and the romantic "Quartet in A Major, Op. 41, No. 3" by Schumann for its third recital of the year. The recital is part of Arts and Science Week at UMC.

Members of the group—UMC's quartet in residence formed in the fall of 1968—are UMC music faculty members Eugene Gratovich, violinist; Mrs. Ruth Melcher Allen, violinist; Ulrich Dannemann, violinist; and Carleton B. Spotts, cellist.

McKenney's three-movement work, written in contemporary style, employs several of the more colorful devices of string writing as integral parts of the works structure such as tapping the instrument or slapping the strings to produce different sounds.



John Trice with Peanuts

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Home Economics Alumni Award To Be Presented March 13-14

"Concerns of the 70's" is the theme of the sixth annual Home Economics Alumni Awards banquet and seminar to be held in Columbia March 13-14.

A Citation of Merit will be presented to Adeline Hoffman, professor of textiles and clothing and affiliate staff member, Institute of Gerontology, State University of Iowa. The award is given each year to an outstanding graduate of the School of Home Economics.

Also to be honored are Flora L. Carl, extension specialist in foods and nutrition, retired; and Pat Tennison, director of home economics and family life education of the Kansas City public school system. Miss Carl and Miss Tennison will be presented honorary membership in the Alumni Assn. in recognition of their extensive contributions to home

economics in Missouri.

A reception for the tree honored guests will be held to 5:30 p.m., March 13, in the Memorial Union. Dinner will be at 6:30 p.m. Guest speaker for the evening is Virginia Trotter, dean of the College of Home Economics, University of Nebraska.

A breakfast is scheduled at 8:30 a.m., March 14 in N208, Memorial Union, followed by the seminar at 10 a.m. Moderator will be David Edens, director of marriage and the family program at Stephens College. Members of the panel include Edward Metzner, Arthur McArthur, Mrs. Charles Kayton and Mrs. David Edens.

All friends, alumni and staff are invited to attend. Reservations may be made by contacting the School of Home Economics, 114 Gwynn Hall.

Engineer Station Helps Students



JOHN LYSEN

Students are the main beneficiaries of research carried on through the Missouri Engineering Experiment Station.

The station was organized in 1909 primarily to assist industries of Missouri in solving their problems. Students benefit because professors are in the forefront of technology through their research and because the College of Engineering stresses research contracts involving students in preference to those that involve technicians.

"Our primary mission is the education of the undergraduate student," Dean William R. Kimel explained. "Although 75 per cent of our faculty is involved in research we actively seek research contracts to enhance the educational opportunities of all of our students."

The Experiment Station is directed by

John C. Lysen, professor of mechanical and aerospace engineering.

He administers a program that involves a \$1.8 million annual budget, chiefly federal monies but also involving state and UMC funds and a growing number of projects for industries and the professions.

Despite growth of research activities in the College, the vast bulk of undergraduates attend classes taught by professors, not by graduate teaching assistants. Faculty quality has improved, too, growing in numbers in the last six years from 50 to 110 and in percentage of Ph. D. holders from 40 to 90 per cent.

"Our faculty averages eight years academic and four years industrial experience," Lysen says.

"Our professors are teachers, not persons hidden away in research laboratories or constantly involved in travel."

As a result, students are in contact with more stimulating teachers; students benefit from equipment purchased for research but also available for undergraduate use. A good example is the college's computer center built around an IBM 360/50 which is always available for student use. Research projects also provide jobs for students in fields in which they are professionally interested.

Lysen says that the research program in the last six years has grown from the \$75,000-\$100,000 class to nearly two million dollars annually. Much of the growth has been in the engineering-medical category. A new research program feeds x-ray analyses into computers to save time for physicians. The computer analysis can "read" normal x-rays, and permits physicians to concentrate on the abnormal ones that the computer calls to their attention. Other activities have resulted in improved water, sanitation methods, thermal pollution controls and algae controls, along with more prosaic improvements in highway and bridge construction and low-cost housing.

"Engineers are not scientists in the usual sense when it comes to so-called 'pure' research," Lysen continues, "in that engineering research is devoted

primarily to solving problems of society."

Lysen says that the summer computer program for high school students and the summer research programs for undergraduates have been factors in attracting more and higher calibre Missouri students to the college.

"Our students are bigger, smarter and more sophisticated than they were some years ago," he says. "We have found that they don't need

(Continued on Page 3)

Blood Drive

The Faculty Blood Drive has been scheduled for March 26 in the Trophy Room, Brewer Fieldhouse. Faculty and staff may donate blood between noon and 5:30 p.m. on that day.

Donated pints will be made available to hospitals in Boone County. Goal for this drive is 250 pints. By giving blood, donors are given "credit" for blood in the future. A pint given now means the donor or a member of his family may receive free blood later.

Cottle Receives June Transfer To Kansas City

Harvey Cottle, director of traffic safety and security and law enforcement, will leave UMC at the end of the semester to accept a similar position at UMKC.

Cottle who has been at UMC since October, 1968, requested the change for personal reasons. Cottle is a native, Kansas Citian and his family has remained there. When the UMKC position became available he requested consideration.

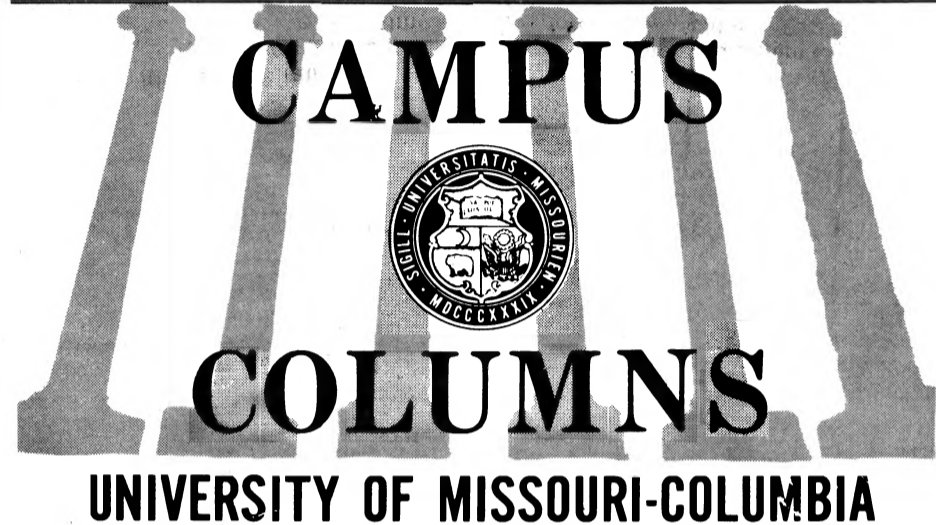
Chancellor John W. Schwada said, "We are sorry to lose a man who has performed with unusual capability in a difficult position, but I understand the personal reasons involved. We hope that our search for his successor will result in appointment of a director of equally high calibre."

Cottle has been popular with students. In recent weeks he was praised by the Civil Liberties Union as well as "The Maneater" for his actions in controlling student protests centered at Memorial Union.

Before coming to the Columbia Campus, Cottle spent 12 years with the Kansas City police department and obtained a degree from UMKC while working full-time on the Kansas City police force. He organized the traffic safety and security program at UMKC in 1963 while a graduate student in sociology. He also established the law enforcement criminology program in Metropolitan Junior College of Kansas City and established a pilot program to train disadvantaged youth of Kansas City for police positions.



HARVEY COTTLE



Vol. No. 1, No. 7

March 20, 1970

UMC Professor to Perform Research With Moon Dust

The National Aeronautics and Space Administration has notified Walter D. Keller, professor of geology, that a vial of "moon dust," the first of two samples to be used in experiments designed to investigate the weathering effects of the earth's atmosphere on lunar materials, should arrive in Columbia in the near future.

The Curators have accepted a NASA grant that includes the samples, as well as funds to carry out the research for which Keller will be principal investigator.

Keller says if the sample arrives in a transparent vial, the "moon dust" will be put on public display for a short time, but, if it arrives in a non-transparent container, the sample will not be displayed in order to avoid altering atmosphere within the container.

If the dust comes in a suitable form Keller will announce date and time of exhibition after its arrival.

Scooped from the moon by the crew of Apollo 12, the dust is part of the contingency sample shoveled from the Ocean of Storms immediately after landing, in the event a quick departure had been necessitated.

Keller says the sample is well-suited to his experiments, and he considers

himself lucky since only a small amount of dust was retrieved. Most of the Apollo 12 samples were of the rock variety, and Keller expects the second sample, which will arrive at an undetermined future date, will be of this variety.

The fine-grained lunar material is described by Keller as similar to the product of weathering of massive, solid rocks on earth or, as scientists call it, "regolith." On earth, regolith is formed through the chemical reaction of rocks with water, oxygen, carbon dioxide, and acids present in soil, and by the action of mechanical forces on rocks.

Through these processes, the rocks are reduced to boulders, gravel, sand, clay and dissolved substances. Weathering also unlocks plant-nutrient substances from the rocks and makes them available to plants and to man.

The moon lacks sufficient gravitational pull to hold water vapor and atmospheric gases; thus moon rocks have not been exposed to weathering as it occurs here. Keller believes this may be the greatest single difference between the earth and lunar surfaces.

In the experiment Keller, who will be principal investigator, and his associate investigator, Wen Hsing Huang, a post doctoral fellow in geology, will pulverize the moon dust and dissolve it in distilled (rain) water and in various acids representative of those in soils. Among the latter will be acetic acid which is present in household vinegar and salicylic acid which is a component of ordinary aspirin.

After waiting an appropriate time period, Keller and his associate will analyse the solutions by X-ray and other techniques in order to discover what differences, caused by the "weathering" process can be observed.

The experimental process will require extensive time and because tight security precautions are necessary when working with the NASA samples, the dust will be exhibited only once if they are in suitable form. He says the experiment will take approximately six months to complete.

Midterm Dates

The mid-term period for winter semester classes will end April 6, with mid-term deficiency reports due in the Registration Office March 28, says Gary Smith, assistant registrar.

The March 28 reporting date is necessary to allow time to process and mail deficiencies during spring vacation.

It should be noted that the mid-term date is incorrectly listed in the Schedule of Courses (winter semester) as April 16. The correct date is April 6.

Special Meeting

Student Financial Aids

DATES: March 24, 25, 26

TIME: 7 to 9 p.m.

PLACE: B&PA Auditorium

REASON: To advise faculty advisors and undergraduates of the student financial aids picture for 1970-71. Scholarships, grants, part-time employment and loans, including information on all federal programs for undergraduates, will be discussed. An open question and answer period will follow. Applications will be distributed.

Pick the meeting that best suits you but be sure to attend one of them. The information to be discussed is of great importance to you.

Calendar of Events

LECTURERS, SPEAKERS

March 24: Herbert Brown to speak on "Metabolism of Lymphocytes," 3:30 p.m., M301 Medical Science Building. Sponsored by department of anatomy.

* * *

March 30-31: International Symposium on "Ecology of the Intestinal Flora in a Changing Environment." Key speakers include Helmut Haenel, East Germany, "Human Normal and Abnormal Intestinal Flora;" Dwayne Savage, Texas, "Bacteria-Mucosa Inter-relationships;" Don Luckey, Missouri, "The Flora of Gnotobiotics;" and Ella Barnes, England, "Effects of Hibernation on Intestinal Flora." Sponsored by the Microflora Group—School of Medicine and Extension Division in cooperation with School of Veterinary Medicine, Space Sciences Research Center and the Graduate School. Contact Continuing Medical Education, M175 Medical Center, for further information.

* * *

April 6: William Stafford, poetry reading and recital. Sponsored by the department of English.

* * *

April 7: Dr. Malcolm J. Asplund, department of animal husbandry, to speak on "If Linnaeus had owned a feed mill: An encyclopedia of feed composition," 4 p.m., 2-16 Agriculture Bldg. Sponsored by the Graduate Nutrition Area Committee.

* * *

April 13: Howard Fulweiler, associate professor of English, to speak on "Gerald Manley Hopkins: A Nineteenth-Century Problem in Language and Theology?" 8 p.m., small ballroom, Memorial Union. Coffee and reception to follow. Sponsored by the department of English.

* * *

April 15: Robert Ettinger to speak on "The Prospects of Immortality," 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

* * *

April 15-18: Comedy of Errors. Sponsored by University Theatre.

* * *

April 16: Dr. Dieter Schaefer to speak on "Economy and Politics in Germany," 8 p.m., Electrical Engineering Auditorium. Sponsored by the department of Germanic and Slavic languages.

* * *

April 17: Dr. Dieter Schaefer to speak. "Europe on Its Way into the Year 2000," 1:40 p.m., A&S Auditorium. "Germany's Position in World Economy," 3:30 p.m., Seminar Room, Honors House. Sponsored by the department of Germanic and Slavic languages.

CONCERTS, PLAYS

March 20, 21; April 1, 17, 18, 22: "The Hostage," 8:15 p.m., Stephens Playhouse, Stephens Playhouse Series; admission \$2.

* * *

March 21: Astrid von Wurtzler, harpist, 8:15 p.m., Fine Arts Recital Hall. Sponsored by Student Activities.

* * *

March 22: Marion Barnum, assistant professor of music, to perform the music of Johann N. Hummel, 8:15 p.m., Recital Hall. Sponsored by the department of music.

* * *

March 23: "Hamlet," 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

* * *

March 24: "Rosencrantz and Guildenstern Are Dead," 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

* * *

April 3: Resident Dance Company to perform, 8:15 p.m., Auditorium, South Campus, Stephens College. Ballet, modern and ethnic dance forms.

* * *

April 6: Richard Morris to present faculty piano recital, 8:15 p.m., Jesse Auditorium. Sponsored by the department of music.

* * *

April 7: Jeanne Marie Darre, French pianist in recital, 8:15 p.m., Auditorium, South Campus, Stephens College.

* * *

April 8, 10, 11, 15: "The Devils," John Whiting's controversial drama about religious ecstasy, 8:15 p.m., Stephens Playhouse. Stephens Playhouse Series, admission, \$2.

* * *

April 9: Concert Chorus Spring Concert, 8:15 p.m., Auditorium, South Campus, Stephens College. A program of 19th and 20th century music.

* * *

April 10: Country and Western Concert, 8 p.m., Brewer Fieldhouse. Sponsored by Student Activities.

FILMS, EXHIBITS

March 22: Film Classic: "A Long Day's Journey Into Night," 5 & 8 p.m., Jesse Auditorium.

* * *

March 25: Guinness Festival: "Our Man in Havana," 7 p.m., Jesse Auditorium.

* * *

April 12: Film Classic: "The Secret War of Harry Frigg," 6 & 8:30 p.m., Jesse Auditorium.

* * *

April 12: Anthropology Film Series: "Samoa" by Walt Disney, and "New Lives for Old" by Margaret Mead, 2 p.m., Memorial Union Auditorium.

* * *

April 18: Film Classic: "The Last Hurrah," 6 and 8:30 p.m., Jesse Auditorium. Saturday showing only.

* * *

To March 31: Exhibit: "Intaglio Prints of Ken Kerlake," Fine Arts Gallery.

* * *

To March 17: Exhibit: "International Paintings," Brady Commons Gallery.

* * *

April 1-30: Exhibit: "Works of UMC Faculty," Fine Arts Gallery.

April 7-30: Exhibit: "Paintings of the Southland," Memorial Union Gallery.

* * *

April 7-24: Exhibit: "Pablo Picasso," Brady Commons Gallery.

CONFERENCES, INSTITUTES

March 20-21: Kindergarten Conference, Jesse Auditorium. Sponsored by the College of Education.

* * *

March 22-23: Cosmetology Teachers Conference, Memorial Union. Sponsored by the College of Education and the School of Business and Public Administration.

* * *

March 27-28: Meeting of the Missouri Society of Internal Medicine and state meeting of the American College of Physicians, Medical Center.

* * *

March 28: Conference on Labor's Role in Community Action, Memorial Union. Sponsored by the Labor Education Program.

* * *

April 2: Egg Processors Conference, Memorial Union. Sponsored by the department of poultry.

* * *

April 6-8: Annual Milk and Food Sanitation Conference, 11 a.m., Memorial Union. Sponsored by the College of Agriculture.

* * *

April 8-9: Distribution Centers Conference, Columbia Best Western Inn. Sponsored by the department of agricultural economics.

* * *

April 9-10: Swine Seminar for Port Producers and Packers, 8 a.m., Memorial Union. Sponsored by the College of Agriculture.

* * *

April 9-11: National Council on Consumer Education, 8 a.m., Memorial Union. Sponsored by the School of Home Economics.

* * *

April 14-15: Annual Midwest Milk Marketing Conference. Sponsored by the College of Agriculture.

* * *

April 16-17: State FFA Convention and Contest.

* * *

April 17-18: Regional Meeting of Student Chapters of the Missouri Chapter of the American Institute of Chemical Engineers, Memorial Union. Sponsored by the department of chemical engineering.

COURSES, WORKSHOPS

March 25, 26; April 1, 2; 8, 9; 15, 16: Rapid Reading Short Course, 7 p.m., 1 Hill Hall.

* * *

March 26; April 2, 9, 16: Professional Engineering Course, Electrical Engineering Building.

* * *

April 6: Soils Seminar, 3:40 p.m., Waters Hall. Sponsored by the department of agronomy.

* * *

April 8: Weed Science and Physiology Seminar, 3:40 p.m., Waters Hall. Sponsored by the department of agronomy.

* * *

April 13: Agronomy Seminar, 3:40 p.m., Waters Hall. Sponsored by the department of agronomy.

* * *

April 15: Crop Breeding and Management Seminar, 3:40 p.m., Waters Hall. Sponsored by the department of agronomy.

DEADLINES, OTHER EVENTS

March 20, 27; April 3, 10, 17: Public Telescope Observing Nights, 8 p.m., 505 New Physics Building.

* * *

March 26: Veterinary Career Day.

* * *

March 26: Deadline for registration for Intramural softball-slow pitch.

* * *

March 27: Deadline for stories for next Faculty Bulletin.

* * *

March 28-April 6: Spring Recess.

* * *

April 6: Orientation program for new employees, 2 p.m., S4 Memorial Union. Sponsored by Personnel Services. New employees should attend one session.

* * *

April 7: Council for Exceptional Children Banquet, 6:30 p.m., Memorial Union. Sponsored by the department of special education.

* * *

April 10: Deadline for stories for next Campus Columns.

* * *

April 14: Pi Lambda Theta business meeting, 7:30 p.m., Memorial Union.

* * *

April 15: "You're a Good Man Charlie Brown" Fashion Show and Luncheon, 12:15 p.m., Memorial Union. Sponsored by Fortnightly Club.

SPORTS

GOLF

March 21—Arkansas at Springfield, Mo.

March 28-April 3—Texas Spring Trip.

March 30—North Texas State at Denton.

March 31—Southern Methodist University at Dallas.

April 1—Texas Christian University at Fort Worth.

April 3—Lamar Tech (tentative) at Dallas.

April 6—St. Louis University here.

April 10-11—Kansas, Kansas State, Nebraska and Iowa State here.

April 13—Washington University and Iowa University (tentative) here.

April 16—Drake University here.

April 17-18—Southern Illinois and Drake, Illinois Intercollegiate Tournament at Champaign.

April 20—Washington University and St. Louis University at St. Louis.

April 24—Nebraska, Kansas, Kansas State and Oklahoma State at Lawrence.

(Continued on Page 3)

Retirements

August D. Dothage, assistant foreman, building services, retired Jan. 12 after 32 years with the University. He began work here May 12, 1938, as a janitor, became greenhouse field foreman in genetics in 1943 and laborer in the physical plant in 1952. He was named subforeman in the physical plant Aug. 1, 1959, and assistant foreman, building services, July 1, 1962.

Newton Malone Woods, water treator, power plant, retires April 17. He began employment with the University on Nov. 21, 1947, as a maintenance employee, power plant, and became water treator July 1, 1966.

Cruse Allen Crane retired March 8 after 21 years with the University. He has worked as a leadman in the campus shop since April 5, 1949.

Paul Q. Sapp, shipping clerk of the University Press, retired Jan. 31. He was first hired July 1, 1958, as a clerk in the comptrollers office and moved to his present position July 1, 1967.

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 307-309 Hitt St., 449-8591, or Room E-27, Medical Center, 442-5111 ext. 665. The following are representative of available openings:

- Senior Research Technician (3)—degree required
- Janitors—evening and night shift
- Secretary—stenographer
- M.T.S.T. Operator
- Stenographer
- Medical center;
 - Administrative Assistant
 - Animal Technician
 - Pharmacy Helper
 - Junior Laboratory Technician
 - Secretary-Stenographer

Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.

Calendar of Events

(Continued from Page 2)

OUTDOOR TRACK

- March 28—Arkansas Relays at Fayetteville
- April 3, 4—Texas Relays at Austin
- April 17, 18—Kansas Relays at Lawrence
- April 24, 25—Drake Relays at Des Moines

WRESTLING

- Mar. 26-28—NCAA Championships at Northwestern

SWIMMING

- Mar. 26-28—N.C.A.A. Swimming and Diving Championships, University of Utah, Salt Lake City, Utah.

TENNIS

- March 21—Northeast Missouri State at Kirksville
- March 30—University of Arkansas at Fayetteville
- March 31—Kansas State University at Tulsa
- April 1—University of Tulsa at Tulsa
- April 2—University of Nebraska at Tulsa
- April 4—Oklahoma State University at Stillwater
- April 6—Central Missouri State at Warrensburg
- April 7—Southwest Baptist College here (3 p.m.)
- April 10—University of Kansas at Lawrence
- April 15—Westminster College at Fulton

BASEBALL

- March 30—Texas A&M (double header) at College Station
- March 31—Texas A&M at College Station
- April 1—Trinity College (afternoon), Saint Mary's University (night) at San Antonio
- April 2—Texas Lutheran at Sequin
- April 3—University of Nebraska-Omaha at San Antonio
- April 4—Southwest Texas State at San Marcos
- April 10—Iowa State here
- April 11—Iowa State (double header) here
- April 17—Oklahoma State (double header) at Stillwater
- April 18—Oklahoma State at Stillwater



ARMON YANDERS

Engineering

(Continued from Page 1)

such courses as freshman English, algebra and trigonometry. They start at more advanced levels. We have chopped degree requirements from above 140 semester hours of a few years ago to 126 hours now needed to fulfill requirements for a degree. We allow greater flexibility in that some programs allow up to 27 hours—nearly equivalent to a full year—of electives. The flexibility has led us to explore joint degree programs with our colleagues in Law, Medicine and Business and Public Administration, for example.

"This is one of the reasons why more and more companies are seeking our engineering graduates.

"While our graduates have distinguished themselves in past years, as indicated by the number that have assumed major roles in corporations and companies, we believe our present-day graduates face even brighter futures."

Lysen attributes the growth of the research effort in engineering to a challenge issued six years ago by Chancellor John W. Schwada. At that time he committed UMC funds to the college to develop its research and graduate programs.

That, Lysen says, marked the start of the expanding research program that is attaining new heights each year and is offering increased educational opportunities for all engineering students at UMC.

Yanders Likes Job

Dean Enjoys Challenge, Administrative Influence

"I enjoy administration, because I have a little more impact here," says Armon Yanders, dean of the College of Arts and Science at UMC.

"I feel I can be more effective as an administrator than as a professor. I like teaching and research, but I have some definite ideas on higher education and its direction. In this position, I can do more to implement them, and I have the counsel of authorities in many fields. It's a tremendous challenge."

Yanders and his family came to Columbia last summer. As one of the newest and tallest (6'4½") deans on campus, he is quickly learning the ropes of his new position and enjoying it.

"I particularly enjoy the diversity of people with whom I'm in contact. I probably meet a wider cross-section of people — artists, authors, computer programmers, you name it — in one week than most people meet in their entire lifetimes. The opportunities to see many sides of the same fence are fantastic."

Yanders came to UMC from Michigan State University where he was assistant dean of the College of Natural Science. On July 1, 1969, he officially replaced W. F. English, Dean Emeritus of A&S and professor of history.

Yanders' background is in the biological sciences. The 42-year-old administrator was graduated from Nebraska State College, Peru, with an A.M. in biology in 1948. He received both his M.S. (1950) and Ph.D. (1953) in zoology from the University of Nebraska, Lincoln. Here, he is also a professor of zoology.

He served in the Navy as a biophysicist at the U.S. Naval Radiological Defense Laboratory, San Francisco from 1955 to 1958, doing research in radiation genetics. Yanders also has done research at the Argonne National Laboratory and in Australia.

Yanders considers being a judge an important part of his job — hearing "testimony" from department chairmen and professors. "I must maintain an unbiased view as each one comes in and states his case regarding funds or room for his particular area or program. I must weigh one viewpoint against the other and then analyze available resources — people, money, floor space — and direct where they go."

"Our biggest challenge," he feels, "is to be wise enough to predict what will be the most important areas in the College of Arts and Science in 1975. We have to plan now and forecast. Unfortunately,

deans or chairmen are not blessed with fortune tellers' crystal balls for gazing into the future."

To focus on the future requires knowledge and differing viewpoints. Yanders' typical day involves a multitude of conferences and meetings with A&S faculty and people from other areas. There are committee meetings, discussions with computer science people, policy discussions and the endless pile of mail that never seems to diminish. Every day usually involves a meeting with a candidate for a faculty position — normally assistant, associate or full professorship.

Yanders and his wife — the former Evelyn Gatz of Falls City, Neb. — like Columbia and are now house-shopping. Their sons, Mark (13) and Kent (11), enjoy swimming with their father, and golf is fast becoming a family pursuit. The Yanders also like to go on short trips to become better acquainted with their newly-adopted home state.

Dean Yanders feels that UMC is ready to move — right on the verge of a big leap forward. "The desire and enthusiasm are in the faculty and the administration. If given ample resources, UMC will grow from a good university to a great university with strength in all divisions and disciplines. appropriate for the State of Missouri." This, he stresses, requires continual re-examination.

In his case, some of this re-examination occurs at airports. "I'm most thankful for trips off campus. I think that every university should require a certain number of trips to meetings, conferences or whatever for its staff. While waiting for airplanes or rides at airports, I am able to accomplish more reading than I can ever hope for in the office or at home. It also gives me time to reflect — just sit back, pause and think clearly without the telephone mangling."

The Carpool

Needs Riders:

From Southside Trailercourt to campus (Hill Hall) — Linda Wortham, 449-1697.

(Need a ride or rider? Send name, phone number, point of departure and destination and whether you need a ride or rider to Campus Columns, 223 Jesse Hall, by April 10.)

Policy and Procedure

The University policies concerning working hours, shift differentials and overtime affect many employees.

WORKING HOURS

The University is a complex organization whose staff serves students, faculty and the public. Therefore, it is impossible to establish the same working hours for everyone. Your supervisor will explain your work schedule.

The normal work week for most staff members consists of five eight-hour days, Monday through Friday. Customary working hours are from 8 a.m. until 5 p.m., with one hour allowed for lunch.

A few departments, such as the medical services and the campus police forces must be prepared to help anyone on the campus at all times. Others, like food services, the Unions and the Libraries, must operate more than 40 hours a week. This means that some of us must work at night, on Sundays and holidays, on a rotating shift, or on shifts which are regularly scheduled at hours other than 8 a.m. to 5 p.m.

SHIFT DIFFERENTIALS

Shift differentials will be paid only to

those non exempt employees who are regularly scheduled for a full eight hour shift, and will be included in figuring overtime compensation. Full time employees who are regularly scheduled to work a second shift (beginning between the hours of 2 p.m. and before 10 p.m.) are paid a shift differential. Full time non-exempt employees who are regularly scheduled to work a third shift (beginning between 10 p.m. and 4 a.m.) are paid a larger shift differential.

OVERTIME

The University normally does not ask its employees to work more than their regularly scheduled work week. However, because of the varied activities and responsibilities of some departments your supervisor may find it necessary to ask you to work overtime. Overtime is compensated for by additional pay in accordance with the Fair Labor Standards Act. Overtime at one and one-half times your regular rate will be paid for all hours worked over 40 in the work week.

Employees classified as "exempt" under the Fair Labor Standards Act do not receive overtime compensation.



Everett Jackson, long a familiar face to Jesse Hall staff and visitor parkers, is now more comfortable in his vigil. This new all-weather shelter, including electric heaters, was constructed to serve as Jackson's "office."

Jackson has patrolled Jesse Hall's parking area since 1960. "I first started work here even before the Campus Police had uniforms," he reports.

Jackson may take charge of the parking area at the new University-wide administration building when the U-wide offices move this spring. However, he won't have to give up his new shelter. He has been promised a shelter there also. Other shelters are planned at the parking lots at Lewis and Clark and at Hill and Conley.

Four Professors Receive Professor Emeritus Titles

Four faculty members who contributed 164 years to distinguished teaching to UMC were given titles of professor emeritus by the Board of Curators.

One of the titles was awarded posthumously to Ralph L. Scora, professor of mechanical and aerospace engineering who died unexpectedly last Nov. 17. The other titles went to Clifford M. Wallis, professor of electrical engineering; James R. Lorah, professor of chemical engineering; and Walter D. Keller, professor of geology.

Scora was first appointed to the UMC faculty Sept. 21, 1935, and was a recognized authority on heat transfer. He was an instructor at the University of Illinois and at Stafford University for a total of six years, and had professional engineering experience in Cincinnati and Green Bay, Wis., before joining the UMC faculty. He received bachelor, master of science, and master of engineering degrees at Purdue and a doctorate at the University of Illinois.

Wallis joined the UMC faculty in 1928 and holds the title of professor of electrical engineering. He worked for General Electric as an engineer for two years before coming to Columbia. On leaves of absence he taught at both Harvard and Yale universities. He assisted both AVCO Mfg. Co. and the Navy as consultant on subsurface weapon systems and spent a leave of absence in 1967-68 as Fulbright lecturer to National Taiwan University at Taipei. He received his bachelor degree at Vermont, his master's at Massachusetts In-

stitute of Technology and his doctorate at Harvard.

Lorah joined the UMC faculty in 1927 and is professor of chemical engineering. His specialty includes applications of physical and inorganic chemistry, fertilizers and corrosion studies and he has summer experience with a number of companies, including the Tennessee Valley Authority and Olin Industries. He held duPont fellowships at the University of Washington, a teaching fellowship at Washington and was instructor at Mullan (Ida.) High School before joining the UMC faculty. He took bachelor, master, and doctor degrees in chemistry and chemical engineering at the University of Washington.

Keller, internationally recognized authority on non-metallic earth products, joined the UMC faculty in 1926 and holds the title of professor of geology. He received the highest teaching award from the National Assn. of Geology Teachers in 1967. He appeared frequently as speaker at meetings of the International Geology Conference and was selected for distinguished lecture tours by the American Assn. of Petroleum Geologists and the American Geology Institute. Keller attended Kansas City Junior College, received bachelor, master and doctor degrees from UMC, received a bachelor's in ceramic technology at UMR, and holds a master's from Harvard. On one of his international trips to Prague he witnessed early stages of the Soviet takeover of Czechoslovakia.

First Three Contracts Approved For Expansion of Power Plant

The first contracts leading to eventual expansion of the UMC heating and power plant were approved last week by the Board of Curators.

The contracts are financed by a portion of the \$6.4 million in emergency funds appropriated for the project by the General Assembly during its special session in January. Expansion of the plant is necessary to provide adequate heat and power for existing University buildings and several other new buildings now under construction.

Three contracts totaling \$2,030,294 were approved by the Board. Several additional contracts for various phases of the project will be necessary in the future as work on expanding the plant progresses.

Contracts approved by the Board are for the following:

- * Graham Manufacturing Co., Inc., Batavia, N. Y., \$129,080, for supplying a steam condenser for installation in the plant. This was the lowest of three bids received.

- * Riley Stoker Corp., Worcester, Mass., \$1,276,714, for furnishing and erecting a 200,000-pound per hour steam generator stoker, gas burners, controls and auxiliaries. The Riley bid was the lowest of four received for this phase of the project.

- * Worthington Turbine International, St. Louis, \$624,500, for supplying a steam-turbine generator for installation in the plant. This was the lowest of three bids received.

Retired Chemist Key To Expanded Program

An expanded program in teaching basic chemistry classes is proving to be a great advantage to undergraduate students at UMC.

The program makes use of the knowledge and skills of a retired commercial chemist, involves taping — including video tape — class lectures and makes models of elements available to students in laboratory classes so they see how changes occur during chemical reactions. It was initiated by Henry Bent, dean emeritus of the Graduate School and professor of chemistry, and John K. Garland, assistant professor of chemistry, and financed by a University grant for upgrading undergraduate education.

The key to the program according to Bent, is Charles Bickford. Bickford is a lecture demonstrator, setting up and removing laboratory equipment used by lecturers for class demonstrations. His job, which is part-time, is a good example of what retired persons with a desire to stay active can do in the colleges and schools of the University.

Bickford holds a doctorate in chemistry from Harvard and worked as a commercial chemist for Squibb Pharmaceutical Laboratories until his retirement. His credentials far exceed those of people normally found in such a job. His role is particularly important since instructors haven't time to answer students' questions when they must set up and remove equipment themselves.

Besides setting up classroom demonstrations, Bickford works in the lecture room laboratory, maintaining equipment as well as designing and building some new equipment that can be used for classroom demonstrations. This includes designing "mini-equipment" as well as special techniques to be used with an overhead projector.

Bickford is also a key figure in the second part of the program. He is responsible for taping the lectures in four of the beginning chemistry courses. Copies of the tapes are sent to the Arts and Science Language Laboratory where they are available for one week after the particular lecture. Students may come in any time the Lab is open to listen to the lecture. Soon the Language Lab expects to be able to run the tapes on a regular schedule during the day so that students will be able to go in to listen to either a whole lecture or specific parts of a lecture.

Several groups of students profit from

the tapes, says Bent. They include foreign students who may have some difficulty with the language, students who miss classes because of illness, athletic competition and other reasons and students who are just slow note takers.

"Its greatest value," Bent says, "is that students can relax and listen to the overall presentation in class and not worry about writing everything down because they can pick it up later if necessary."

Copies of tapes are also kept in Schlundt Hall, the chemistry department building. During four regularly scheduled periods each week, students may come in to review the tapes with a graduate assistant available to answer questions. These assistants are also available for individual tutorial help.

Garland uses video tapes in his classes. Besides regular lectures, Garland, using UMC's Instructional Television facilities, video tapes a small "sample" classroom lecture with small groups of students. These tapes, along with graduate assistants, are also available at regular periods four times each week. The video tapes also allow students to see easily many experiments which require small pieces of equipment and produce reactions on too small a scale to be observed by everyone in a large lecture hall.

At the beginning of laboratory classes, students are shown films of basic laboratory techniques. The films — each about four minutes long — are more effective than demonstrations by laboratory instructors since they save both time and materials and give students a closer view of techniques.

Finally, small models of atoms and elements are provided each student for use in laboratory classes.

Chemistry students at UMC can now find plenty of help when they need it — made possible by a constant effort to improve teaching methods.

Housing Rules Formalized By Curators

The Board of Curators formalized rules last week that have been in operation for several years in regards to assignment of accommodations in University-owned residence halls at the Columbia campus.

The regulations give housing priorities, first, to second semester residents who submit renewal applications; second, to students who are severely handicapped physically; and, third, to new applicants in the order of the date that application-contracts accompanied by required deposits are received.

Harold W. Condra, director of housing, said that the Board-approved regulations make no changes in rules that have been followed in past years, but does formalize them.

The policy states that new applicants shall be assured of accommodations only after the applicant has been issued a student number by the admissions office and the housing office has determined that accommodations are available.

Further, applicants assured of housing shall be notified to submit a partial payment by a specified date in order to complete reservations. If an applicant does not submit the required payment by the specified date or give notice that payment is to be made from a loan or scholarship that is being obtained through the University, the housing office may elect to cancel the application-contract.

Residence hall assignments will be mailed to students shortly before the beginning of the semester.

Highlights Of Board Meeting

Highlights of actions taken by the Board of Curators at its meeting in Columbia March 13.

- * Awarded three contracts totaling \$2,030,294 for starting work expanding the heating and power plant at UMC.

- * Accepted two bids totaling \$469,352 for establishing a closed circuit television and audio system in the new School of Dentistry Building on the Kansas City campus.

- * Gave formal approval to rules that have been in operation for several years regarding assignment of accommodations in University-owned residence halls on the Columbia campus.

- * Approved an agreement between UMKC and the Institute of Community Studies for establishment of a Community Laboratory in Social Science.

- * Approved a \$273,076 construction contract for building temporary chemistry facilities on the Rolla campus to replace space lost from fire last fall.

- * Approved 1971-72 calendar for the Columbia campus.

- * Approved final plans for a Laboratory Animals Facilities Building to be built on the Kansas City campus.



Three recent retirees from the Campus Shop were honored at a party held at their office in the General Services building. (From left) O. D. Cottrell of Sturgeon, Cruse Crane of Route 4 and George Glascock, 500 West Blvd. North, total more than 32 years of service at UMC. Crane, an employee for 21 years, leads the group. Campus Shop had a large cake for the occasion and L. C. Maddox, supervisor of non-technical trades, thanked the men for their service and good work throughout their periods of employment here. Cottrell and Glascock retired in February while Crane retired the first of this month.

Jefferson's Talents Included Archeology

Thomas Jefferson, whom UMC has honored annually for his contribution to its establishment, is known as a president, diplomat, writer, inventor, agriculturalist as well as educator and humanist.

Less well-known, perhaps, is his skill as an archeologist. Jefferson's account of excavating a Virginia Indian mound in his book, "Notes on the State of Virginia," reveals "an outstanding example of scientific research," according to Ralph Rowlett, assistant professor of anthropology.

Rowlett considers Jefferson about a century ahead of his time in the formulation of his reasons for digging, the careful methods of excavation, the acuteness of observation and conclusions drawn about the successive layers of cremations he discovered.

"The level of sophistication in excavating wasn't reached again until the 1880's or '90's," Rowlett comments. "Major techniques in America and elsewhere until that time were like digging for potatoes."

Jefferson's diplomatic career may have helped provoke his interest in archeology. At least this is Rowlett's conjecture. As ambassador to France, Jefferson would have found himself in Paris at a time of ferment. Archeological excavation of prehistoric remains was an intellectually "new thing." Table conversation could have centered around Goguet's earlier book, "The Origin of Laws, Arts and Science — Their Programs Among the Ancient Nations," the works of Cuvier or de Jussieu concerned with the same area, or about the King of Denmark's cabinet of antiquities, the beginning of his Royal Museum.

Jefferson indicated that he wanted to

show by his discoveries that the life of the American Indian had not been as lowly as many thought. His interest beyond his own excavations is evident in the strong classical archeology program of the University of Virginia, which he founded. The College of William and Mary in Williamsburg, which Jefferson attended, still has some of its once large collection of American Indian artifacts and books on antiquities.

Jefferson is honored at UMC each year on the anniversary of his birth, April 13.

This year will mark the 176th year of the Louisiana Purchase, made during Jefferson's presidency, and the 131st year of the establishment of the University of Missouri, first public university in the Louisiana Purchase.

As the country's first "scientific" archeologist, Jefferson might have been pleased to consider that this, one of the first public universities and patterned in several ways after his beloved University of Virginia, would have a program of classical and anthropological archeology that would continue to grow, a developing Museum of Anthropology rich in prehistoric and American Indian artifacts (many of the latter dug in Missouri by UMC students and a developing program of education and training for museum curators.

The UMC Library contains two interesting special editions of "Notes on the State of Virginia." One, in the Rare Book Collection, is a second American edition, dated 1794. The other, described as the only scholarly edition now in print, was edited by William Peden, UMC professor of English, and published by the University of North Carolina Press in 1955.

Overtime Standards Reset Under Fair Labor Act

MINIMUM SALARIES FOR EXEMPT EMPLOYEES

EXEMPT CATEGORY	OLD		FEB. 21, 1970		FEB. 1, 1971	
	year	month	year	month	year	month
Executive	\$5200	\$433.33	\$5980	\$498.33	\$6500	\$541.67
Administrative	\$5200	\$433.33	\$5980	\$498.33	\$6500	\$541.67
Professional	\$5980	\$498.33	\$6760	\$563.33	\$7280	\$606.67

The wage and hour division of the U.S. Labor Department has the authority to establish the standards used in determining whether employees are exempt or non-exempt from overtime payment under the Fair Labor Standards Act. This act was extended Feb. 1, 1967, to cover colleges, universities and hospitals. As applied to universities, bona fide executive, administrative and professional employees may be exempt from overtime provisions in the law. In order to meet this exemption each employee must satisfy certain requirements concerning his duties and responsibilities as well as minimum salary.

The previously established requirements concerning duties and responsibilities remain essentially the same. The minimum salary requirements however were revised effective Feb. 21, 1970, and are now in effect. In addition a second revision upward has been approved and will go into effect Feb. 1, 1971.

The Personnel Services Office has prepared the above table listing the old minimum salary requirements, the ones now in effect and the ones to become effective Feb. 1, 1971, for each exempt category.

As an example, a professional employee earning an annual salary of \$6,000 per year was exempt prior to Feb. 21, 1970. He would, as of Feb. 21, become non-exempt because his salary does not

meet the new minimum requirement under the law.

University administrative officers have been asked to review their executive, professional and administrative employees to see if they meet the provisions now in effect. Questions concerning this should be directed to the Personnel Service Office as well as requests for the check list exemption forms as revised to indicate the new salary requirements.

Recipe Of The Month

The following recipe is a favorite of Mrs. Joe Crenshaw, whose husband is a day watchman at the university. She suggests it for bridge club and other meetings.

STRAWBERRY CRUNCH

- 1 cup sifted flour
- 1/2 cup chopped nuts
- One-third cup brown sugar
- 1/2 cup butter or oleo — melted

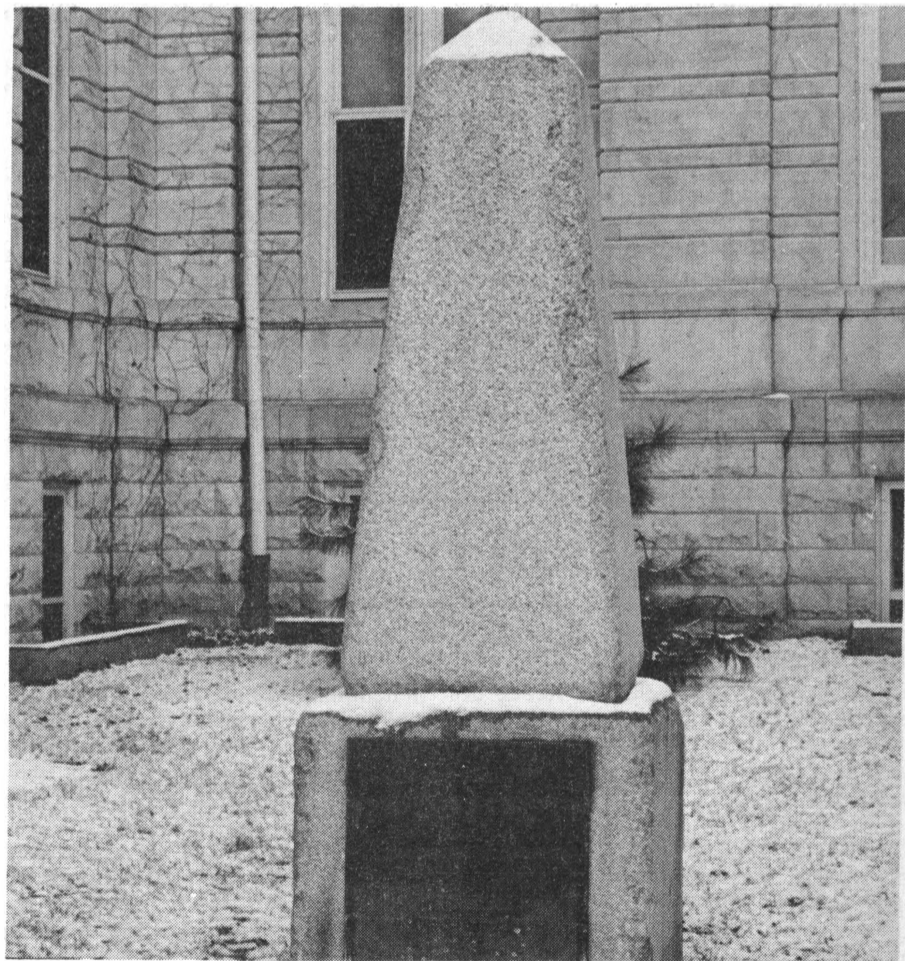
Stir together these ingredients and spread in a shallow baking pan. Bake in a 350 degree oven, stirring occasionally for 20 minutes. Cool. Sprinkle two thirds of these crumbs in a 13x9x2 pan.

- 2 egg whites
- 1 cup white sugar
- 1-10 oz. pkg. frozen strawberries — partially thawed
- 1 cup whipping cream

Stir together egg whites, sugar and partially thawed strawberries in a large bowl, beat with an electric mixer for ten to fifteen minutes at high speed until stiff peaks form. Whip cream and fold into the strawberry mixture. Spoon over crumbs and sprinkle reserved crumbs over top. Cover with plastic wrap and freeze over night. Cut into squares for serving.

CAMPUS COLUMNS

Campus Columns is published monthly except August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall, at least a week prior to publication. Office: 4494189. Editor: Kay Marica



Know Your University

The Jefferson Monument, located west of the main entrance of Jesse Hall, is the original gravestone for Thomas Jefferson. Built to his specifications, it carries the inscription he requested: "Here is buried Thomas Jefferson, Author of the Declaration of American Independence, of the Statute of Virginia for Religious Freedom and Father of the University of Virginia." When the Congress appropriated funds for another monument in 1883, Jefferson's descendants awarded the marker to the University. The decision was based on the fact that Jefferson was the founder of the idea of state universities and the University was the first state university in the territory of the Louisiana Purchase, land acquired during his administration. The original marble tablet, with Jefferson's inscription was seriously damaged in the administration building fire of 1892. The present bronze plaque was given to the University in 1932 by Joseph B. Shannon, representative to Congress from Kansas City and an admirer of Jefferson.

Brock Sets Fast Pace In First Days on Job

When Bob Brock, newly appointed director of UMC's student facilities, arrived in Columbia March 6, a friend who drove him down from Wisconsin State University at River Falls to return the car to Brock's family, took one look at the Union, remarked about its size and headed back for the North country.

Brock stayed. UMC is his home now and the Memorial Union, along with the Brady Commons, are his domain. And though his family is more than 500 miles away, the man is not alone.

"I was first impressed with the size of UMC," says Brock, "but I've been most impressed with the friendliness. Students have dropped by to wish me well and faculty and staff members have gone out of their way to make me feel welcome."

The telephone rings. Brock is being asked to make a statement about his decision to speak with members of the Committee of Concerned Students, "if they want me to talk with them, I will—possibly we can reach some understandings."

The new director replaces the receiver, looks up and says, "I'm going to be on the radio." Asked if this part of his "open door" policy referred to in the newspapers he answers, "Yes, I feel that through direct communication we can find some common ground."

Brock got into the union business when he was teaching in the New Hanover County Schools in Wilmington, N. C., and was asked to take over the direction of student activity facilities there. He took the job, remaining there until 1961.

Through his work in Wilmington, Brock struck up a friendship with the union director at North Carolina State University which is a member of the association of college unions. He put an application on file with the association's placement service and received an offer to take over direction of facilities at a college in Northern Illinois. "My wife said it would be too cold up there, so I didn't take it. I told her we were taking the next offer wherever it came from."

"I was contacted about the position at Wisconsin State in 1961 and took it. My wife came out second best on that one," says the 41 year-old director.

Brock has been at River Falls since, maintaining his ties with the association of college unions. When Missouri went looking for a new director, Brock's name came up. "I jumped at the chance," he says.

While his family remains in River Falls until June, Brock is house-hunting. His wife is a junior high school teacher and didn't want to leave during the middle of the year. His children, two 15-year-old daughters and a 10-year-old son also wanted to remain to complete the school year.

Asked about changes he might make at UMC, Brock said "I want to get students involved in coordination and use of facilities. We have two beautiful buildings, but very little programming. I think we have the room to satisfy everybody; the problem is one of coordinating utilization."

The telephone rings again. "That was another faculty member, he knows of a house that might be suitable for us. You know it was another UMC employee who found the place I'm living in now."

The new director asks to be excused for a moment. "Please come in," he says and two members of the Legion of Black Collegians walk into the office. After a brief discussion, the students apparently are satisfied and arrangements are made with the director for placing some signs in the union.

He returns his attention to the interview, another example of the "open door" completed. It is almost five o'clock and students walk by outside huddled in their warm coats. It is more reminiscent of football season than spring. Brock is known to be an avid golfer and bowler. How well does he do?

"I usually shoot in the 80's; I'm a terrible golfer. My latest bowling average is about 162, but at one time I was carrying a 182 average."

Noting that Columbia is more famous for football than for golf or bowling, he comments on that sport, too. "I love it. Hockey's great too. I'll be in line for season tickets to watch the Tigers though, you can bet on that."

The telephone rings. Robert Neal Brock is not a lonely man.

Obituaries

Alien O'Don Eubanks, route man for purchasing department, died Jan. 13, 1970. He had worked for the University since June 22, 1964.



Thomas McKenney, assistant professor of music theory, (center) helps two students, Larry Otto (left) and George Johnson, create musical compositions electronically. On the UMC composition faculty and in charge of all freshman theory instruction, McKenney became interested in electronic music composition while a Ph.D. candidate at the Eastman School of Music.

McKenney: Jazz Musician Who Changed His Tune

For someone who wanted to become a successful jazz musician, Thomas McKenney sure has changed his tune.

It was back in 1956 at Cincinnati's College Conservatory of Music, that McKenney, now UMC assistant professor of music theory but then a college freshman, took his first composition course under T. Scott Huston.

"I just took the composition course to learn more about music," the former high school clarinet and saxophone player says. "After one lesson, though, I knew composing was what I wanted to do the rest of my life."

Huston, "just a tremendous teacher", was the big factor in McKenney's change.

"A few people have a very strong force cross their lives, and Huston was that force to me. He was a great inspiration and without him, I probably wouldn't have gone on to get my Ph.D."

Huston was not the only great force in his life. The first and most significant was an aunt, Mrs. Hazel Sutt, who reared him from age 7.

It was during his growth through the Cincinnati public school system that McKenney became interested in music.

"I started playing the clarinet in the

fourth grade, and when I was in high school, I studied with Eugene Frey (Cincinnati Symphony clarinetist). I gained a lot from him and really became interested in jazz as a career."

But that all changed after meeting Huston and being introduced to composition. He earned a bachelor of music in composition and bachelor of science in music education from the College Conservatory of Music and University of Cincinnati respectively in 1961. Two years later, McKenney left the college Conservatory of Music (which had merged with the University of Cincinnati) with his master's degree in composition.

While studying composition at the Conservatory as an undergraduate, McKenney met another person who made a big impression on him — his wife.

McKenney taught in the Cincinnati school system until his bride, Judith Louise, finished her bachelor's degree requirements, and then both went East.

At the Eastman School of Music, McKenney earned his Ph.D. degree and became interested in electronic music — currently his main interest in composition.

McKenney, who has composed several pieces electronically, one while on a research grant at the Independent Electronic Music Center at Trumansburg, N.Y., says electronic music is here to stay, not just a passing fad.

"The limits to composition are endless, since with the proper equipment, it's possible electronically to create any sound imaginable. By the manipulation of electronic sounds, there are many more combinations possible than otherwise."

As a UMC faculty member, McKenney is in charge of all freshman music theory instruction and is on the composition faculty. His teaching responsibilities have limited his own composing but he enjoys teaching what he is most interested in.

"I tell students composing is the most difficult task in music, because the composer must be aware not only of whether he's choosing the right notes, but how the performer will interpret his music."

The latest of McKenney's more than 30 compositions is "Three Trajectories," which was composed for the Esterhazy String Quartet. He is a member of Pi Kappa Lambda, national music honor society and faculty advisor to Zeta Chapter of Phi Mu Alpha Sinfonia, professional fraternity.

Although McKenney presently has less time to compose, he's still very much involved in composition — what he enjoys doing most. It is quite a switch from his once-imagined career as a jazz clarinetist.

Safety News and Views

The following information on studded tires is provided for organizations in the north with large motor vehicle fleets, or just one courtesy car for a trades and services operation. The data appeared in the State Traffic Safety Council — New York "CROSS-ROADS" news bulletin, January, 1969.

A 1968 study by Cornell Aeronautical Laboratory, Inc. indicates that studded tires offer motorists substantial improvement in braking and accelerating on ice and packed snow, particularly at temperatures near the freezing mark when ice and snow are the most slippery. The studs project about one-sixteenth inch from the tire and are usually made of tungsten carbide. The number of studs in each tire range from about 60 to 100, with an average of approximately 80 studs per tire. This is considerably fewer than the number of studs per tire generally found in Europe.

Among the findings:

1. Studded tires on the rear wheels of a car will reduce stopping distances on icy pavement by up to 30 per cent at temperatures around 32 degrees F., while studded tires on all four wheels will shorten stopping distances on glare ice up to 50 per cent.

2. Studs start to lose some of their ef-

fectiveness as the ice temperature drops below the freezing level, and there are indications that all benefit of studs is lost when ice temperature hits minus 10 degrees F. At this temperature, however, a plain tire rubber is twice as effective in stopping a car as it is at 32 degrees F.

3. Studded tires on drive wheels offer approximately the same improved effectiveness on ice while accelerating from a stopped or moving condition as they do in braking, and there is evidence that studded tires provide additional braking and accelerating performance on packed snow, although more research is needed on this aspect.

4. All four tires must be studded if improved cornering performance is to be achieved on icy pavements. When the temperature is near the freezing mark, a car with regularly unstudded highway tires that would go into a skid while rounding a corner on glare ice at 30 mph, might well be able to negotiate the same curve with studded tires at 40 miles an hour without going into a skid.

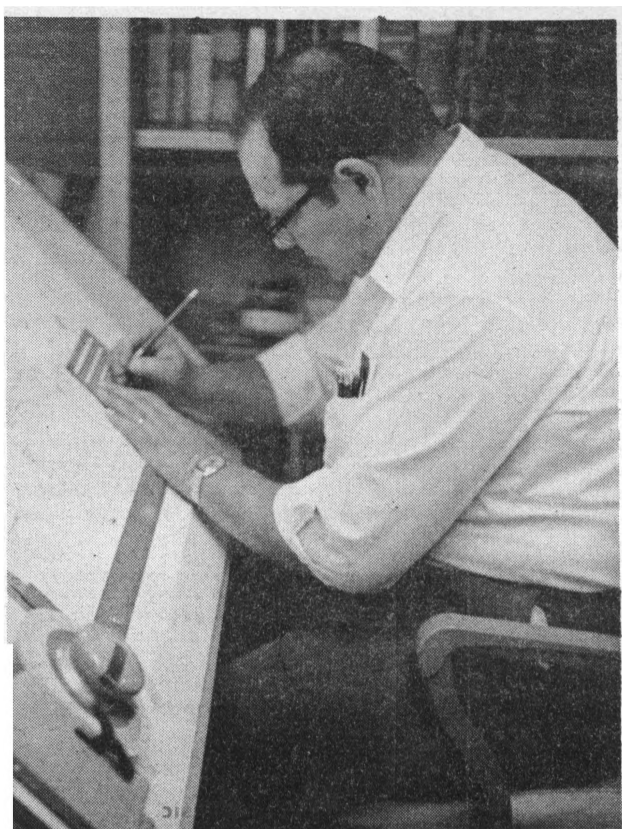
5. The Cornell researchers found that, with around 200 studs in each tire, stopping distance actually is increased from what it would be with regular highway tires. But, with 100 fewer studs in

each tire, braking distance is not increased. Therefore, studded tires in use in the U.S. do not increase breaking distances on bare pavement.

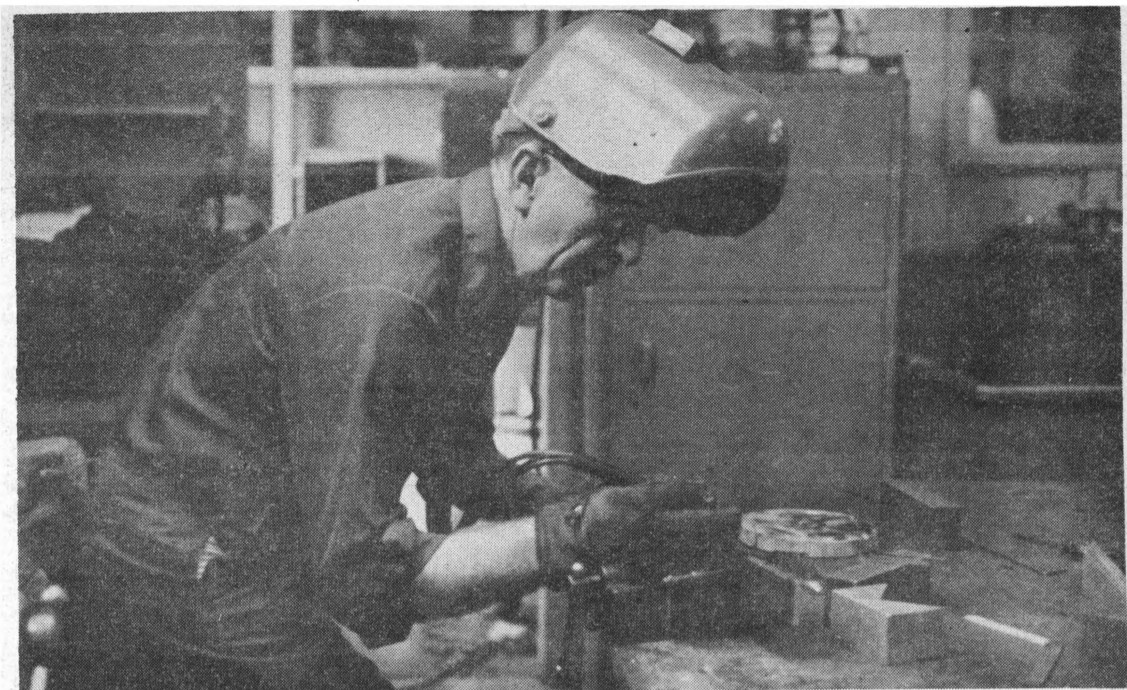
6. The effectiveness of studs in worn tires is somewhat less than for new studs in new tires, the report said. A royal Canadian Air Force report, however, indicates nearly equal wear of rubber and studs, resulting in constant protrusion of the studs.

7. Studded tires damage highways to an extent, particularly in areas where jackrabbit starts and hard stops are frequent. A few states still ban studded winter tires . . . check concerning the law in your state.

The annual winter driving tests accomplished by the National Safety Council indicate that heavy-duty chains are still the most desirable device for safe driving in winter. Unfortunately, movement from snow-covered and iced roadways to cleared pavement creates problems in the use of chains. Where a company is considering new equipment for prevention of skidding under winter driving conditions, inquiry should be made of the Winter Driving Committee, National Safety Council, 425 N. Michigan Ave., Chicago, Ill. 60611, for guidelines to assist in that decision.



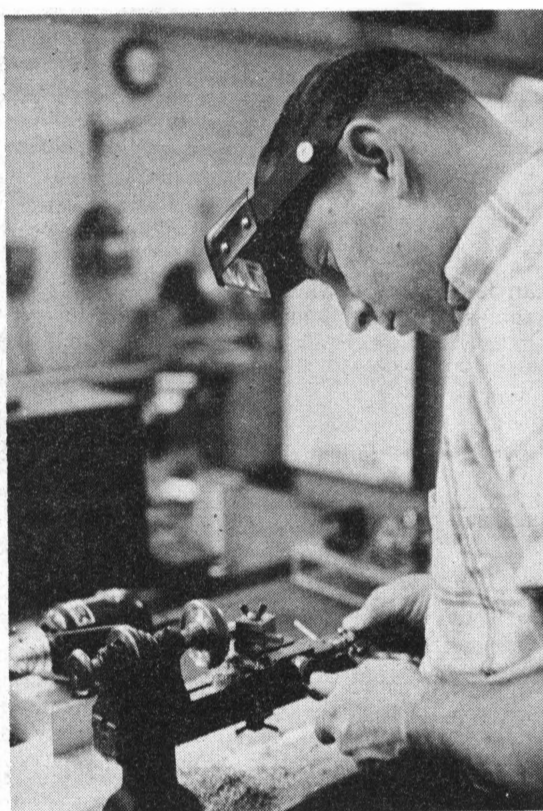
JOE DOTHAGE, ENGINEER



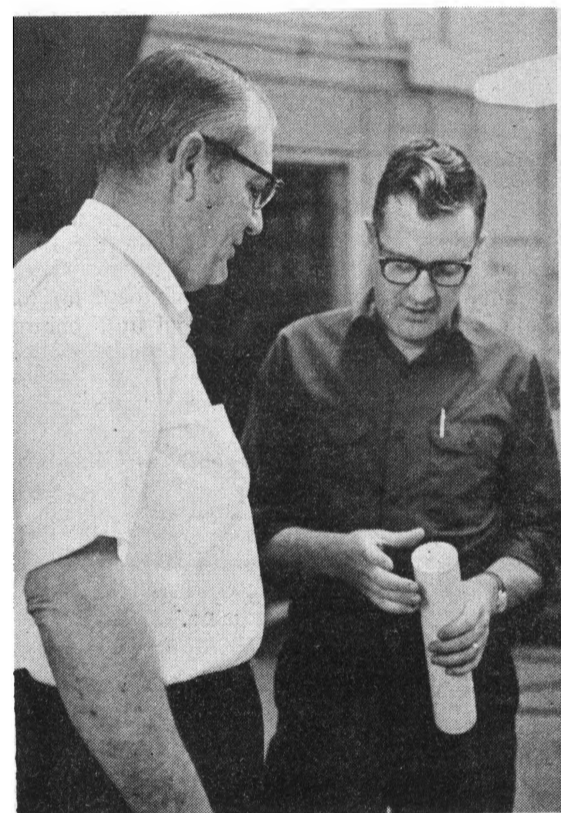
CARL MILNER, WELDER

Scientific Instrument Shop

UMC's Scientific Instrument Shop, under the Graduate School, is an advanced technical shop helping the University in its teaching and research activities. The 11-man shop builds research apparatus needed by various professors, thereby aiding in the search for new knowledge. It has constructed objects as large as the hot cell at the Research Reactor Facility and as technical as head attachment equipment for electroencephalograph. (EEG).



DAVE TAYLOR, MACHINIST

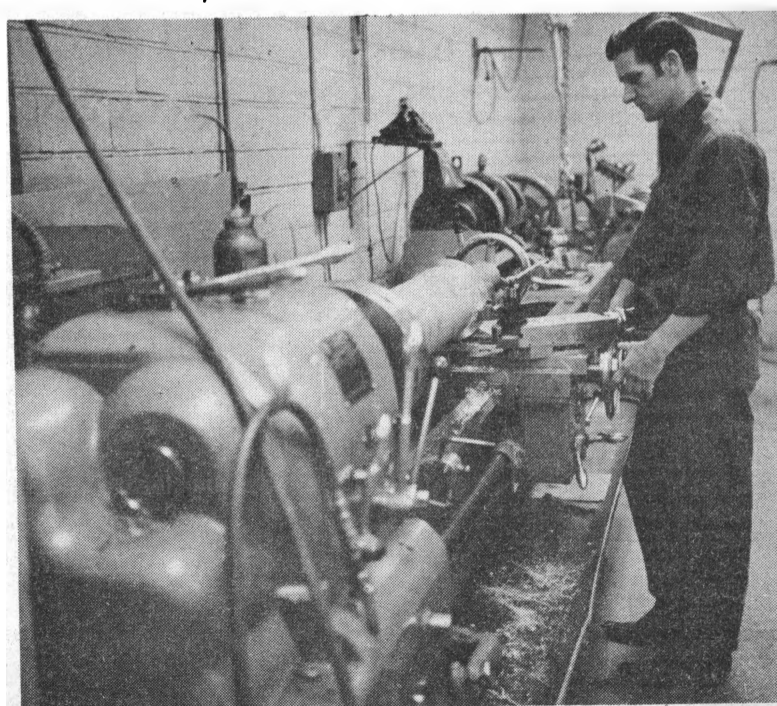


GLENN MILLER, FOREMAN, AND MARVIN TURPIN, STOREKEEPER



CHARLES DAWSON, MACHINIST

CHARLES HODGES, MACHINIST



In Memory of 'Pitchin' Paul'

UMC Football players come from all parts of the country with many different interests. Before they have been Tigers for long, however, they have one more thing in common — they all know about Paul Christman.

It was Christman who spectacularly ushered in the modern era of big time football at the University during the late 1930's. It was the blond quarterback who made everyone's All America team during his junior year in 1939 while leading Missouri to the Orange Bowl. It was Christman who never forgot his Alma Mater after his college days. The University lost its great friend and legendary figure as a Tiger March 2 when a heart attack claimed his life.

Nicknamed "Pitchin' Paul", the Maplewood, Mo., native was graduated from a good high school football team and chose Purdue, not Missouri as several of his teammates did, much to the chagrin of Don Faurot, then Missouri's head football coach and now assistant director of Alumni Activities.

"We got four men off that high school team," Faurot remembers, "but we missed Paul. But it was different in those days — we couldn't go out and recruit as we do now except to speak at banquets, for example. Boys visiting the campus had to come at their own expense."

Fortunately for the Tigers, Christman didn't stay with the Boilermakers. "They evidently didn't recognize his passing ability," says Faurot, who guided

Missouri's football fortunes for 11 seasons before and after World War II.

Christman returned home to Maplewood after his freshman season, worked until September, 1937, and enrolled at Missouri.

"We were glad to have him, and after he came our fortunes really picked up."

Christman set all Missouri's passing records which then stood up for 30 years while catapulting the Tigers into national football prominence.

"He was the greatest passer I've ever coached, and he could play on anyone's team today. He could lay the ball in his receivers' arms so they could handle it. He stood in there and faced the music with great poise and then threw with great accuracy."

With "Pitchin' Paul" guiding the Tigers, Missouri lost only seven games in three seasons. Christman, who also batted .400 on the Tigers' baseball team one season, went on to play professional football with the Chicago Cardinals (now the St. Louis Cardinals) and led them to the National Football League title in 1947 with a 28-21 win over Philadelphia.

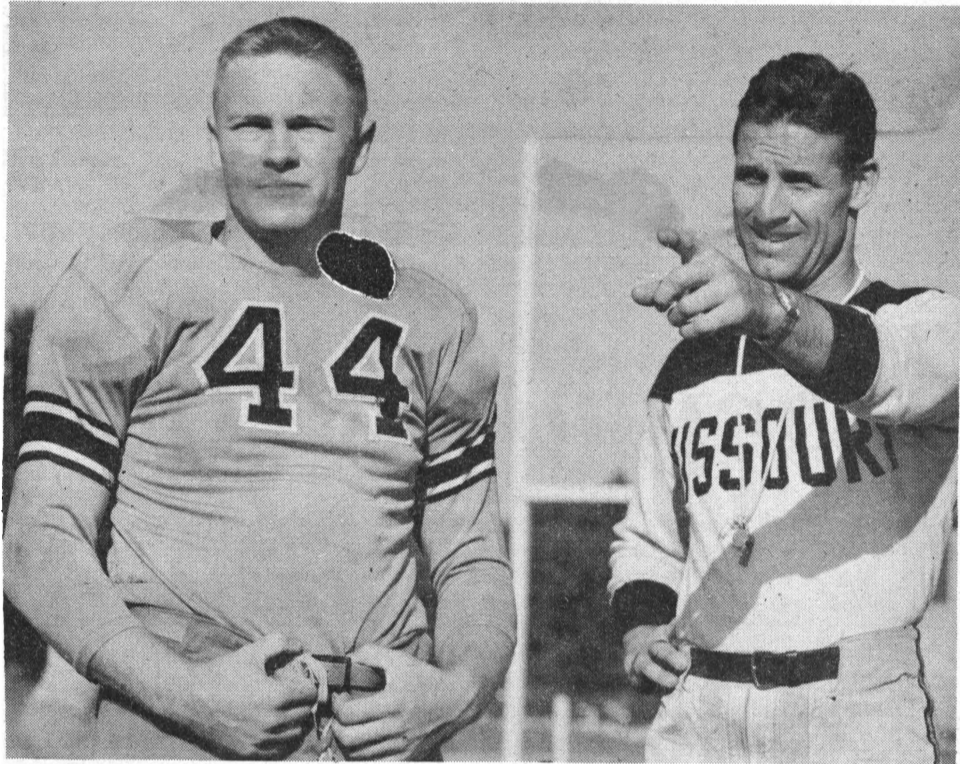
Millions more came to know Christman after his professional days when in 1958, he went into network broadcasting, first of college games, then moving on to American Football League and National Football League games. His job as "color" man was to analyze game plans and plays which he did with the help of his long playing career.

His broadcasting career didn't interfere with his loyalty to the University nor did it ever become a means to use personal experiences in a bragging sense.

"Paul was always very modest and humble in all his exploits on and off the field," Faurot says. "He never talked about his personal success unless you just pumped it out of him. He also gave his time generously to the University such as in conducting alumni activities or in recruiting students as well as athletes."

Last Friday, the Board of Curators passed a resolution expressing its appreciation for all Paul Christman did and for the University. In part that resolution described Christman as a "man of sterling character who exemplified the highest standards of a great citizen, a fine sportsman, a loyal alumnus and a devoted friend of the University of Missouri."

This description and resolution is a fitting tribute to someone the University has lost as a friend but will not soon forget.



"Pitchin' Paul" Christman shown with football Coach Don Faurot during the 1939 football season.

Bobbie Translates Needs Into Computer Language

For some people, the word "computer" is a big, frightening word, and the idea of programming for the computer is a complicated, impossible, "can't-be-done" task.

Bobbie Barnes knows of these fears better than anyone. In her job as key punch supervisor at Date Processing, she works with these people and sees that their needs are translated for the computer.

"It's not really that difficult. Sometimes people come in and make their job sound very complicated, but when I talk about it with them, it often turns out to be a simple job," Bobbie says.

Bobbie has worked with data processing equipment since 1954, when the IBM machines were still relatively new. She joined UMC's Data Processing in 1961 when there were only about 15 people working in the key punch department. Today, the department has grown to about 37 girls.

The key punch department prepares the cards which hold the data for the computer to process. Bobbie is responsible to see that all work is done — and done correctly.

"Any mistake that went out of here wouldn't be funny. It would be quite serious," she says.

Her department, for example, spends about a day and a half every two weeks

preparing the payroll and sends out about 750 checks daily for accounting. A mistake on any of these checks could be serious. All work, therefore, is closely checked for accuracy before it leaves the department.

"A check was once made out for \$50,000. It was one of those 'human' computer mistakes. But we caught it before it went out and corrected it," Bobbie remembers of one particular incident.

All student admission and course records are channeled through Data Processing as well as numerous smaller, more specialized jobs. Almost every UMC department has some contact with Bobbie's department during the year.

Part of the enjoyment of her job involves training new girls. Many new employees have never worked with the machines before and Bobbie teaches them the "computer language" and other necessary skills.

"Most of the girls are eager to learn and therefore pick it up quickly," she explains.

Bobbie is married to Tom Barnes, data processing manager for the city of Columbia. This mutual interest was developed after they were married, she says. Her husband was trained by UMC Data Processing a number of years ago. She denies, with a smile, that they met through a computer date.



BOBBIE BARNES

Club Offers Chance To Improve Speaking

Are you interested in improving your public speaking ability?

The Toastmasters' Club is an organized group of men seeking to increase their self-confidence through improvement of speaking ability.

Membership in Toastmasters can aid a person in mastering the art of effective speaking and making a poised, self-assured appearance before an audience. It can also assist in preparation for chairmanships and for participation in meetings of all kinds. It provides an enjoyable fellowship and forum for stimulating exchange of ideas.

Anyone interested in joining such a group should contact Tom at 445-4209.

CAMPUS COLUMNS
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University Proposes Program On Pre-Retirement Planning

Each year across the U.S., about 300,000 people reach their retirement years. Many UMC faculty and staff members have given years of faithful service to the University and are now approaching retirement and a new, different way of life. With the ranks of the retirees growing, more people require and seek information on pre-retirement planning.

Studies indicate the process of planning for retirement should begin early. The University is presently considering a program on pre-retirement planning for interested employees, especially those retiring in the next 10 to 15 years. The program is planned to feature seven weekly sessions, two hours in length.

While the program is not complete, the following people or a representative from their departments are interested in

cooperating in the presentation of the respective topics: Boris Steiman, regional representative, AARP-NRTA, speaking on the changing roles of retirement; Sherwood Baker, chief, Section of Medical Practice, speaking on good health in retirement years; Henry Lowe, professor of law, legal affairs; Frank Berstler, manager branch office, Social Security Administration; Edward Metzen, professor of home economics, financial planning and living arrangements; Keith Roys, associate professor of recreation and park administration, recreation and leisure; John Graves, manager staff benefits, staff benefits programs.

Anyone interested in knowing more about this proposed program may contact the University Training Section, 449-8311, or the Staff Benefits Office, 449-8457.

Dr. Hopps Named First Curator Prof

An internationally-recognized geopathologist, Howard Carl Hopps, has been named the University's first Curator Professor under a program authorized in 1968.

Hopps, currently serving as chief of the division of geographic pathology at the Armed Forces Institute of Pathology in Washington, D. C., will assume duties Sept. 1 as a Curator Professor of Pathology at the Columbia campus.

The Curator professorships were established by the Board to attract outstanding scholars with established reputations to prestige faculty positions on each of four campuses. Only a limited number of these appointments were authorized by the Board.

Nominations for these positions are made by departments or academic areas, subject to the approval of the campus chancellor, the University president and the Board of Curators. Customarily a committee of five faculty members competent in the field is named by the University president to consider qualifications of the nominees.

Hopps' primary interest is in population diseases that vary from one geographic area and from one cultural area to another. He is referred to as "Mr. Geographic Pathology" on a worldwide basis for his activities on diseases, why they occur in one area and not in another. He has perfected a computerized system of recognition of geographic diseases and is widely published in his field.

His activities have drawn together scientists in fields of medicine, geography, geology, chemistry and sociology to a multidisciplinary approach to the subject. Hopps directed a symposium for the American Assn. for the Advancement of Science last year and is co-chairman of the National Academy of Science committee on geo-chemistry and health and diseases.

His addition to the pathology faculty in the School of Medicine will enhance, too, activities of the University Environmental Health Surveillance Center, which operates on a state-wide basis in the same field in which Hopps has been outstanding on an international basis.

Hopps, 55, native of Schenectady, N.

(Continued on Page 6)

Helen Allen First Honoree As Outstanding Faculty Woman

Helen Allen, professor of home economics, was named Thursday the first recipient of the Citation of Merit for Distinguished Service to Education, an award honoring an outstanding faculty woman.

The award, sponsored by the Alumnae



Helen Allen has been selected Outstanding Woman Faculty Member.

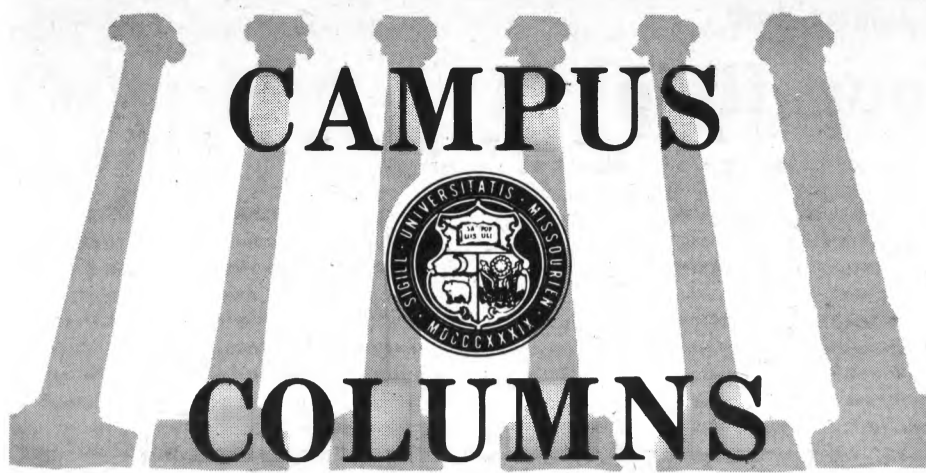
Committee for the Recognition of Faculty Women, will be made annually to a faculty woman chosen by the committee for her noteworthy contribution to the education of women on the campus.

Mrs. Allen received a \$500 award and a citation recognizing her as "an exceptional teacher, long recognized both by students and faculty as outstanding in her field of textiles and clothing."

"A teacher recognized for knowledge and expertise in her field, she shows unusual ability for providing a stimulating classroom atmosphere in which students are able to gain insights into, and develop, their own creative powers," the citation says.

Mrs. Allen received her B. S. from the University of New Mexico and a M. S. in textiles and clothing from Iowa State University. She came to UMC in 1949 after extensive experience in the clothing industry and in teaching in secondary schools in Albuquerque and New Mexico and at Iowa State University.

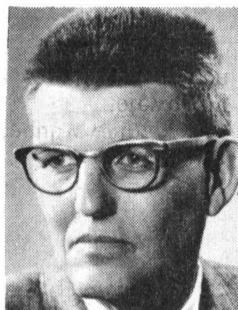
At UMC, she was made an honorary member of LSV, senior women's honorary, and an honorary initiate of Sigma Kappa. She is also an honorary member of Phi Upsilon Omicron, the home economics national honorary professional organization.



UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 1, No. 8

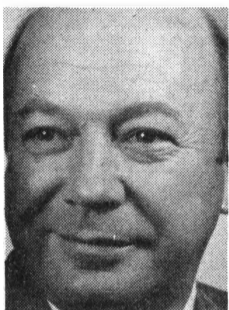
April 17, 1970



H. C. HOPPS



D. O. BOWLING



R. H. BEZONI



L. P. HARKNESS

Named Vice-Presidents

Bezoni, Bowling Receive New Titles

Ray H. Bezoni has been appointed vice president for finance and comptroller and Dale O. Bowling has been appointed vice president for business management of the University.

Recommendation for the new titles was made by President John C. Weaver and approval was given by the Board of Curators.

Bowling and Bezoni both are veteran members of the University administrative staff. Bowling has been business manager and Bezoni has been comptroller. Both are graduates of the University.

In making his recommendation on the appointments, Weaver said the new titles are more descriptive of the great responsibilities and scope of operations for the two positions.

Weaver said: "Certainly it is proper that they be given the designation of vice president,

a title more in keeping with the level of duties they perform. In the years I have been President, I have gained a great deal of respect for Mr. Bowling and Mr. Bezoni and their excellent work. Both are loyal and dedicated employees of the University who devote great amounts of time and talent to their areas of operation."

Bowling, as vice president for business management, operates as chief staff officer in the following areas: responsible for new construction; physical plant operations; security; insurance and lease agreements; purchasing and stores; housing and food services; student unions; University book stores; and all lands and sites not otherwise delegated by the Board.

Bezoni, as vice president for finance and comptroller, operates as chief staff officer in the following areas: responsible for accounting, including budgets, collections, disbursements, payrolls, financial reporting and analytical cost studies; investments; financial administration of gifts and grants, and research, training and teaching contracts; administrative data processing; staff benefits programs and services; nonacademic personnel programs; internal auditing, systems and procedures; and records management.

DSTKO's CST Set Your Clock!

If you lose a little sleep April 26, don't worry about it. You'll make up for it next October.

April 26 is the starting date for daylight savings time. Official time for the change is 2 a.m. Rather than waiting up for the change, clocks can be set ahead one hour—from 10 p.m. to 11 p.m., for example—before retiring April 25.

According to University policy, hourly employees working only seven hours because of the change, shall be paid for actual time worked. In returning to Central Standard Time in October, hourly employees working a nine hour shift shall be paid premium pay for the additional hour if in excess of 40 hours for the work week.

The history of standardized time in the U. S. is a relatively recent one. Eighty-five years ago, it was possible to ask for the time at exactly the same moment in a number of American towns and get a confusing variety of answers: 12:12 in New York, noon in Washington, 11:08 in

(Continued on Page 6)

Harkness Heads UMC Personnel

Laurence P. Harkness, personnel manager for the Medical Center, has been appointed personnel officer for the UMC Personnel Services Office, Chancellor John W. Schwada has announced.

Beginning April 20, Harkness will fill the vacancy left by Charles B. Strawn who has accepted the position of personnel director for Texas Technological University in Lubbock.

Harkness, 28, has been associated with the University since 1966 when he was appointed assistant personnel manager for the Medical Center. He became personnel manager for the Medical Center in 1967.

Harkness graduated from Rockhurst College, Kansas City, in 1962. He was associated with the personnel office for the City of Kansas City from 1962-66.

In January, 1969, he was selected to establish a personnel recruitment program for the Appalachian Regional Commission in Washington, D. C.

Highlights of Curators Meeting

Highlights of actions taken by the Board at its meeting, April 10 in Rolla:

* Appointed Ray H. Bezoni as vice president for finance and comptroller and Dale O. Bowling as vice president for business management of the University. (See Story.)

* Approved the appointment of Howard Carl Hopps, an internationally-recognized geopathologist, as the University's first Curator Professor. He will assume duties Sept. 1 as a Curator Professor of Pathology at UMC. (See Story.)

* Awarded three contracts totaling \$1,374,304 for constructing a new Mathematics and Computer Science Building at UMR.

* Approved granting top priority in married student housing at UMC to Missouri veterans with children. (See Story.)

* Awarded a contract of \$109,756 for the purchase of an internal combustion turbine generator as another step in expanding the heating and power plant on the Columbia campus.

* Approved the consolidation of the botany, genetics and zoology departments into a Division of Biological Sciences on the Columbia campus. (See Story.)

* Gave the designation of "University Hall" to the new building nearing completion in Columbia which will house many of the University-wide administrative offices.

We Need Your Help

The editor of the Campus Columns is anxious to find out what kind of publication readers want. Below are listed several kinds of features which appear in this issue. We would appreciate your making a check mark in only one box in the columns following each item.

When you have finished, just tear or cut out this page and put it in to Campus Columns?

We would also like opinions from people who don't read Campus Columns. If you know anyone like this, tell them this is their chance to voice their opinions.

	Usually Read	Read Occasionally	Almost Never Read
Notes on Staff Retirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Notes of Deaths of Staff or Former Staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recipe of the Month	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Car Pool Rides Wanted or Rides Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personal Features: "Job in the Spotlight"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Articles on Safety Devices and Procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Articles about University Policy and Procedures as They Affect Staff Members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Notices of "Jobs Available"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Calendar Of Upcoming Events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
"Know Your University" (Picture and caption of campus landmark)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picture Page Stories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General Features about people, events and places	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pictures Used to Illustrate Stories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If you have ideas about some changes you think should be made in order to produce a more interesting, readable and useful publication, please write them in the space below.

	Expand Coverage In This Area	Same Amount In This Area	Less Coverage In This Area	Delete This Type Of Article Completely
Notes on Staff Retirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Notices of deaths of staff members or former Staff Members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recipes of the Month and Similar Helpful Hints	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Car Pool Rides or Riders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Job Features such as "Job in the Spotlight"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Articles on Safety Devices and Procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Articles about University Policy and Procedures as they Affect Staff Members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Notices of "Jobs Available" and Description of Jobs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calendar of Upcoming Events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
"Know Your University" (features on landmarks, monuments, buildings, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Picture Pages and Picture Stories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General features about people, places and events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pictures Used to Illustrate Written Copy in Stories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

What is your general reaction to Campus Columns?

Really Like It	Like It Fairly Well	Neutral	Don't Like Very Much	Really Dislike It
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Do you read Campus Columns?

Always	Fairly Often	Sometimes	Seldom	Never
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If yes, how much time do you normally spend reading it?

Less than 5 minutes	5-15 minutes	15-30 minutes	More than 30 minutes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If you don't read it, why not?

CAMPUS MAIL

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University of Missouri
223 Jesse Hall

Years Employed by University	0-1	1-5	6-10	11-20	21-30	31 or more
Age	Under 20	20-29	30-39	40-49	50-59	60 or over
Type of Job Presently Held	Faculty	Administrative	Service	Support		
Sex	M	F				
Years of Education	1-6	7-9	10-12	13-14	15-16	17 or more
Marital Status	Married	Single	Separated or Divorced	Widowed		

Policy and Procedure

To save time and expense the following rules have been set up concerning the display and replacement of University parking permits:

DISPLAY OF PERMIT

1. Permit is issued only for the pay-parking lot assigned, and for your use only.
2. Permit must be attached according to the accompanying instructions.
3. Multilated or disfigured permits are not considered valid permits.

REPLACEMENT OF PERMIT

1. If motor vehicle is sold or traded, or if permit is mutilated or disfigured, please scrape permit off and return the scraps to the Traffic Control Division, 816 Conley Ave. A replacement may be obtained for 25 cents.

TERMINATION OF PERMIT

1. All parking permits expire annually on Sept. 1 or become invalid on termination of employment.
2. If you terminate your employment or take a leave of absence, it is necessary that you cancel your pay parking permit by:
 - a. Returning the scraps of your permit, and
 - b. Signing a card cancelling your withholding, at the Traffic Control Division, 816 Conley.
 Otherwise authorization to deduct shall remain in full force and effect.
3. Your pay-parking permit may be revoked for the following reasons:
 - a. Failure to make payment of violation fees by the due date (within 30 days of receipt of violation).
 - b. Failure to make payment for the parking privilege by the due date (first of each month).
 - c. Failure to report a change of license number, name or address.

For additional information, please refer to the traffic regulation booklet, or visit or call the Traffic Control Division, 816 Conley, 449-9168.

Payroll Deductions Authorized For Deposits In Credit Union

University employees may now make arrangements for payroll deductions for the Mizzou Employees Federal Credit Union as a result of action by the Curators April 10. The deductions may be authorized by the employee after May 1 and will be automatically de-

posited in the individual's credit union account.

The credit union was organized in June, 1969, by a group of University employees and now has more than 840 members. It has two primary objectives:

1. Encourage savings and promote thrift.
2. Provide low-cost loans to its members.

The credit union is directed by a Board of Directors under the laws established by the federal government and the University has no responsibility for or to the Credit Union.

Membership in the credit union is available to all University employees, employees of cooperating state and federal agencies located in Columbia, St. Louis, Rolla and Kansas City and also retired staff — and their families as well. The employee can join by paying a 25c membership fee and purchasing a \$5 share in the union.

Dividends or accumulated savings are paid to members from the profits following the establishment of reserves required by the Federal Bureau of Credit Unions and may not exceed 6 per cent.

As an additional service the credit union provides insurance on loans and savings at no extra cost to the employee.

Procedures are being established and will be announced in the near future for those interested in requesting payroll deductions for deposits in their credit union accounts.

Retirements

Sara R. Feder will retire July 31 after 38 years with the University. She started here Feb. 1, 1932, as a Volker Scholar in social service and was made an instructor in sociology in September, 1932. She left the University in May, 1933, returning in October, 1945, as a correspondence instructor in sociology. She became extension assistant professor of sociology in 1958.

Beatrice A. Jones, library assistant, will retire April 30, 1970, after 14 years with the University. She started with the University as a library clerk in April, 1956, and was promoted to her present position July 1, 1960.

Charles E. Howard, maintenance mechanic, retired Feb. 28 after 13 years service for the University. He was first hired as a maintenance employee in December, 1957, and was named to his present position in December, 1960.

George J. Glascock retired May 25, 1969, after seven years with the University. Glascock began with the University as a janitor in January, 1963, and became a laborer in May, 1963. He was named groundsman in July, 1966, and remained in that position until his retirement.

CAMPUS COLUMNS

Campus Columns is published monthly except August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least a week prior to publication. Office: 449-9189.

Editor: Kay Marica

Spanish History Lectures Set May 5-6

Ruth Lee Kennedy, professor of Spanish literature at the University of Arizona, will present lectures here May 5-6. Miss Kennedy will be at UMC at the invitation of the department of romance languages.

She will speak on "Costume and Its Importance for Literary and Artistic Chronology" at 7:30 p.m. May 5 in the Arts and Science Auditorium. Slides, illustrating Spanish costume for the period 1600-1650, will be shown.

In the first of two lectures to be given May 6, Miss Kennedy will discuss "The Political Situation in Spain (1617-1625) as Reflected in the Drama of the Time," at 3:40 p.m. in 41 Arts and Science Building.

Her final presentation at 7:30 p.m. in 41 Arts and Science will concern two of the political plays of Spain's Golden Age.

The lectures are open to the public.

If Pollution Continues: Experiment in Reality

It stinks. It really does. It hurts, I can't concentrate, will it ever end?

Thoughts such as these were flying through the minds of graduate students Feb. 26 when they took part in an experiment given in Paul King's mental hygiene class (G406). The 11-member panel, composed of students in the class, illustrated how miserable we will be if current pollution trends continue.

The students witnessed and vividly experienced the ruin of their world in less than an hour. Sweet music and a soft pleasant odor filled the room as the students watched slides and movies of beautiful country scenes. Gradually, the environment—in the classroom and on the screen—changed. Trash piled in the classroom as the students, sitting on the floor, ate lunches and threw their remains on the floor. More trash was brought. The voice in the background—a tape of Walter Cronkite narrating a documentary—started to scream as noise of factories, flushing toilets, jackhammers, whistles, pinball machines and roaring engines engulfed the students' ears. Cotton was provided to ease the pain.

The students were forced together into a smaller area. They watched slides of smoke-filled skies, dead fish, sewage, trash heaped along filthy streams and rivers. "The pictures were ghastly," one girl commented. "They—and the sitting on the floor in our own filth—made you realize you were a big part of the problem."

The noise made it impossible to concentrate. Cards with shocking facts and predictions about pollution were passed around. Students were asked to shout the

information over an electric megaphone. "I felt lost because no one could hear me."

A bright light flashed. A chemical was released that smelled exactly like a skunk. Some students had to leave the room gagging and coughing. One coed was reported to have burned her dress afterward because the odor could not be removed.

Students grabbed for gas masks that were offered. "I became very irritable," said one panel member, Tom Skovholt, "even at my fellow workers in charge of the class. I was working on a projector and I had to yell continuously at Jim Straub who was controlling the sound. I knew he was doing it on purpose as part of the project, but I could not help getting angry at him."

At the climax of confusion, pain and mayhem, BLANK. Absolute silence, absolute darkness—nothing. "We needed to ponder a bit what we'd just experienced," says John Hiesberger, another panel member.

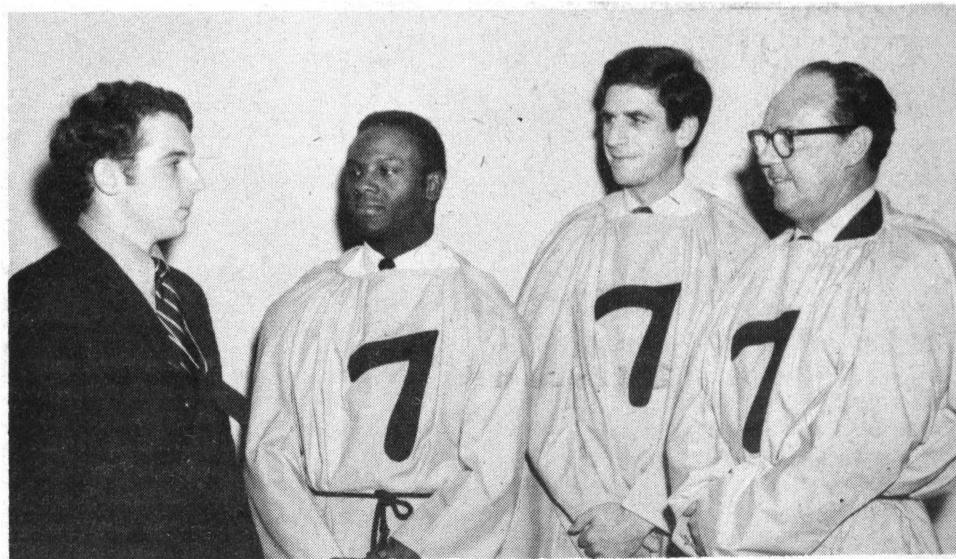
The demonstration was to set the mood and prepare the class for an eight-day series of speeches, discussions and films on the pollution and population crises. The "experience" was only an hour and about equally divided (30 minutes each) between the good and the bad.

"I'll never forget it. . . Never. It was horrible." The enlightened, exhausted and polluted participants left the room with their eyes burning, and ears buzzing from the onslaught on their senses. Most of them went directly home and started to scrub and clean and deodorize.

Now they know what we might be expecting. They "have been there."



Three faculty members became honorary members of QEBH, senior men's honorary service organization, during the Tap Day ceremonies April 9. The honorees included, from left, Carl Voss of Atlantic, Iowa, chapter president; John C. Merrill, professor of journalism; Armon F. Yanders, dean of the College of Arts and Science, and William P. Murphy, professor of law.



Three honorary members were named by Mystical Seven, senior men's honorary, at Tap Day ceremonies April 9. Pictured left to right, are Mystical Seven President James Heeter and honorary initiates Prentice Gautt, assistant football coach, Missouri Attorney General John C. Danforth and UMC Professor of Voice Thomas L. Mills.



Mary O'Brien, secretary to Ken Keown, Medical Center



Sharon McClure, secretary to Richard Kirkendall, history



Joyce Hopfer, secretary to Jack Wright, General Counsel



Nadene Logan, secretary to Keith Roys, park administration

Memo to Secretaries

It is altogether appropriate and much deserved that a week be set aside each year to honor the secretaries across the nation. The administrators, deans and other University "bosses" are aware of the work the 460 secretaries perform each day. They play a critical role in keeping the University functioning. They do many "little things," — such as correcting grammar in a letter or offering a magazine to a waiting appointment. During this week that honors the working girl, the University wishes to thank them for taking accurate telephone messages, keeping correct appointment calendars, typing neat, correct letters, maintaining orderly and easily accessible records and files, remaining pleasant under the most trying circumstances and the myriad of other duties they handle and perform so well. The University would be at a loss without them.

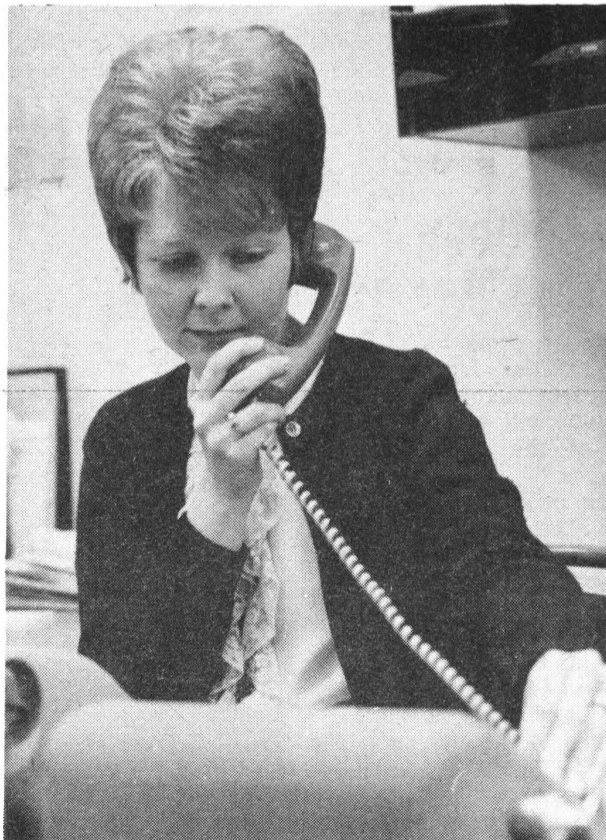
Secretary Week April 20-25



Pat Gottschalk, secretary to Bill Galeota, Health Center



Carole Johnson, secretary to William Kimel, engineering



Patty Lathrop, secretary to Agriculture Editors Office



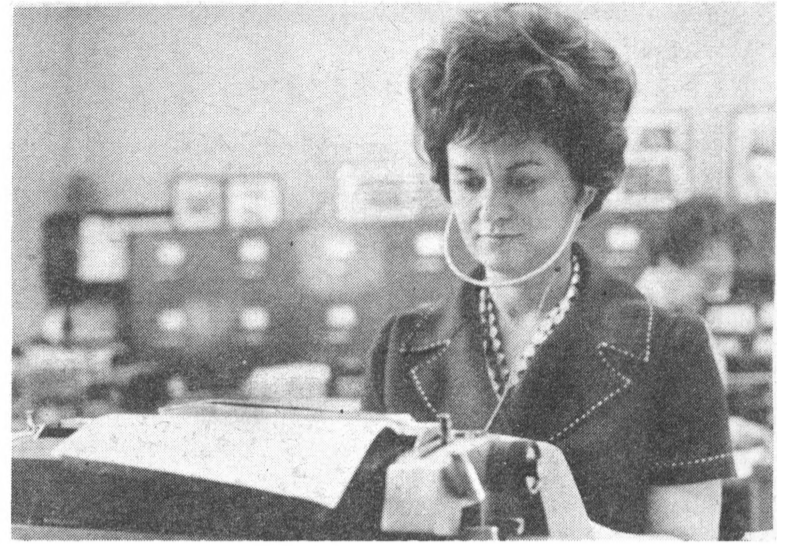
Pat Sprague, secretary to Chancellor John W. Schwada



Betty Daugherty, secretary to Herbert Goldberg, School of Medicine



Doris Thomas, secretary to Agricultural Extension



Jane Dier, secretary to John McGowan, Extension



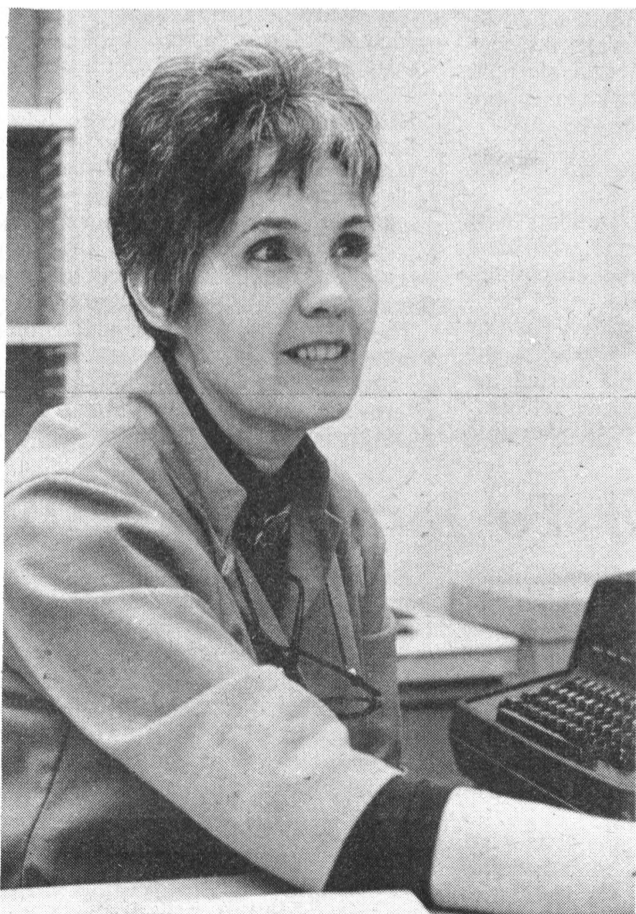
Ruth McCown, secretary to Hugh Stephenson, surgery



Louise Sturm, secretary to Dave McDonald, psychology



Lillian Lin, secretary to Dean of Faculties Office



Above: Betty Emery, secretary to Fred Williams, statistics



Left: Helen Downing, secretary to Rondal Downing, B&PA Research



Right: Lottie Smith, secretary to Burnell Kingrey, veterinary medicine

Life Sciences Organize In Biological Division

The Board of Curators has approved a plan to reorganize three departments on the Columbia campus into a Division of Biological Sciences. UMC administrators expect the new unit will be operational by July 1.

The change, which has been under consideration for the last eight months, will consolidate the departments of botany, genetics and zoology into a single unit responsible to the College of Arts and Science. Previously, genetics was under control of the College of Agriculture and botany and zoology reported to Arts and Science.

Armon F. Yanders, dean of the College of Arts and Science, will serve as acting director of the division until a permanent director, whose selection will begin

Curator Prof

(Continued from Page 1)

Y., is a graduate of the University of Oklahoma where he received a B. S. in Medicine in 1935 and received his Doctor of Medicine with honors in 1937. He did post graduate work at the University of Chicago, where he was a member of the pathology faculty. He interned at Evanston (Ill.) Hospital.

Hopps joined the University of Oklahoma faculty as professor and chairman of pathology in 1944, moving 13 years later to the same title at the University of Texas Galveston Medical Branch where he also was pathologist-in-chief at the Medical Branch Hospital. He joined the Armed Forces Institute in 1964 and, since 1965, has also been a clinical professor of pathology at the University of Maryland.

Daylight Time

(Continued from Page 1)

Memphis—all equally correct since "Sun-time" prevailed throughout much of the world.

The adoption of standard time in North America stems from the railroad's search for a solution to their chaotic schedules, based on at least 100 local time variations. In 1883, the railroads agreed to set up zones for each 15 degrees of longitude, with uniform time throughout each zone.

Most of the country went along with this orderly system, but Congress did not pass a Standard Time Act until 1917; it also established a daylight savings time, but rural areas opposed this provision and it was repealed in 1919.

In 1966, Congress passed the Uniform Time Act, directing all states to adopt daylight savings time from the last Sunday in April to the last Sunday in October, beginning in 1967. Columbia went on daylight savings time with this act.

Murdock Elected

John C. Murdock, dean of the Graduate School, was elected chairman of the Mid-America State Universities Assn. (MASUA) of Graduate Schools for 1970-71 at its meeting April 5 in Chicago.

Dean Murdock has been on the UMC faculty since 1951 and holds the academic title of professor of economics. He had been dean of the Graduate School since 1967. He is a graduate of Wisconsin and Oklahoma universities.

The Car Pool

Needs a Ride:

From 300 Hitt Street to the new University-Wide Administration Building — Lillian Brooks.

(Need a ride or rider? Send name, phone number, point of departure and destination and whether you need a ride or rider to Campus Columns, 223 Jesse Hall, by May 8.)

immediately, is appointed.

An ad hoc committee of six UMC biologists, including the chairmen of the concerned departments, proposed the change to the departmental faculties and to the administration in December. It is considered a first step toward a meaningful integration and strengthening of the basic biological sciences on the campus.

The division will be responsible for all undergraduate and graduate activities and other functions presently administered by the separate departments with the exception that separately budgeted research, not directly involved with curricular matters, will remain under present control.

A continuing responsibility of the division will be to promote communication among all biological disciplines at UMC and provide support for biological science elements in other divisions. An advisory group of biologists from appropriate units across the campus has been established to this end.

Faculty members on this advisory planning board are: Robert P. Breitenbach, professor of zoology; Donald Farish, assistant professor of zoology; John E. Peterson, professor of botany; Donald C. Miles, assistant professor of botany; and Edward H. Coe Jr., professor of genetics.

The recommendation to reorganize was made by Herbert W. Schooling, provost; Elmer R. Kiehl, dean of the College of Agriculture; John C. Murdock, dean of the Graduate School; and by Dean Yanders. They say the "venture reflects the importance which the University attaches to the biological sciences, and is designed to focus resources in a program to which the University has assigned one of its highest priorities."

Biologists on the committee that proposed the change were: John N. Farmer, associate professor and chairman of zoology; Allan B. Burdick, professor and chairman of genetics; Billy G. Cumbie, associate professor and chairman of botany; Roger M. deRoos, associate professor of zoology; Myron G. Neuffer, professor of genetics; and Clair Leonard Kucera, professor of botany.

Recipe Of The Month

The following recipe comes from the recipe box of Helen Montgomery, of the addressing department at Technical Education Services. It is delicious and easy to make.

CHERRY FRENCH TORTS

Crust:

- 1 cup crushed graham crackers
- 1 cup flour
- ½ cup melted butter
- ¾ cup pecans, chopped

Mix well and pat down in bottom of 13x9 inch pan. Bake at 350 degrees for 10 to 15 minutes. Let cool and crumble back into pan.

Filling:

- 2 packets (from large size box) dream whip

Whip as directed

- Combine 8 oz. cream cheese,
- 1 cup powdered sugar
- and 1 tsp. vanilla

Fold into dream whip. Spread over crust and refrigerate until set. Before serving, spread 1 can cherry pie filling for topping.

(Do you have a favorite recipe you'd like to share with Campus Columns readers? Send it to Campus Columns, 223 Jesse Hall.)



Know Your University

Perhaps the most widely displayed piece of art work of the University is the official seal. It is used to identify the University on stationery, publications and documents. The seal, adopted by the Curators in 1903, was designed by John S. Ankeney, then art teacher in the College of Arts and Science.

The open book at the top of the shield contains the Latin words *Salus Populi*, the University's motto meaning "The Welfare of the People." The other symbols on the shield are a new moon, a grizzly bear and the arms of the United States. The new moon denotes newness of the then new state; the bear represents the rugged, positive character of the inhabitants of Missouri; and the arms of the U. S. symbolizes the patriotic love of country possessed by Missourians.

The circular band on the outside border contains the Latin words *Sigillum Universitatis Missouriensis*, meaning "Seal of the University of Missouri." The Roman numerals denote 1839, the year the University was established.

Vets to Receive Priority On UMC Married Housing

Missouri Armed Service Veterans with children will be given top priority on rentals of married student housing at UMC effective with the 1970-71 school year.

The Board approved the change which gives top priority on housing to a veteran with at least one child, a resident of Missouri, and discharged from active duty within a year prior to application for the housing.

Also at the top of the priority list is housing for severely physically handicapped students to the extent that the housing office can offer accommodations meeting the students' need.

Harold W. Condra, director of housing, said that the Board action followed Veterans Service Committee and approved by the Committee on Faculty and Married Student Housing.

The new priority regulations applies to 360 married student housing units in University Heights, University Terrace and University Village in which one-bedroom apartments rent for \$75 to \$80 a month and two-bedroom apartments for \$90 to \$95.

Condra made no estimate of demands of veterans for housing, but noted that at this time last year 28 veterans had applied for student housing. Most of them were accommodated through other priority assignments.

Other priorities of assignment of housing:

2. — Married graduate students who are not resident of Columbia who have been appointed to part-time classroom, laboratory or research duties.
3. — Graduate students with a child or children with part time appointments who have lived in Columbia during the preceding semester or summer session.
4. — Married students with part-time

appointments but with no children who have lived in Columbia for a semester or summer session.

5. — Other Missouri students who have a child or children.

6. — Other non-resident students who have a child or children.

Condra said that in general families with two or three children are assigned to two-bedroom apartments and families with one child or no children to one-bedroom units.

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 307-309 Hitt St., 449-8591, or Room W141, Medical Center, 442-5111 ext. 665. The following are representative of available openings:

- Secretary-Stenographer
- Stenographer
- Food Service Workers
- Milker
- Research Technicians

Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.

There will be a Nursing Technician Trainee Class for summer employees only. Class will be limited to 30 trainees. If interested, contact the Medical Center, 442-5111 Ext. 665, no later than May 15.

Ensminger To Join Ag Faculty

Douglas Ensminger, an internationally known rural sociologist, has been appointed to the UMC faculty, according to Chancellor John W. Schwada.

The Curators approved Ensminger's appointment to the College of Agriculture faculty, effective Sept. 1. His appointment is as coordinator of socio-economic studies and professor of rural sociology.

At the present time Ensminger is Ford Foundation representative in India with offices in New Delhi. He has been with the Ford Foundation since 1951, and has worked in India, Nepal and Pakistan.

Ensminger is a native Missourian, from Stover. He graduated from UMC in agriculture in 1933 and also received an M. A. in rural public welfare from the University. He received a doctorate in rural sociology from Cornell University in 1939.

Ensminger will be working to design a plan which would allow the University to involve itself more effectively and purposefully with the socio-economic dynamics of a changing society. A primary objective of this effort would be to improve the environment and quality of life for man.

Calendar of Events

LECTURERS, SPEAKERS

April 21: Daniel Overack to speak on "Water Balance in the Salamander," 3:30 p.m., Medical Science Bldg. Sponsored by the department of anatomy.

April 22: R. L. Metcalf, chairman of zoology at University of Illinois, to speak on "Environmental Micropollutants," 3:40 p.m., 18 Tucker Hall. Sponsored by the department of entomology in the University Assembly Lecture Series.

April 22: Lewis B. Mayhew, Stanford University, to speak on "Future of Higher Education — Search for New Patterns," 3:30 p.m., B&PA Auditorium. Sponsored by the College of Education in the University Assembly Lecture Series.

April 23: Nathan Wright, Soul Week speaker, 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

April 24: Prof. Theodore J. Lowi, University of Chicago, to speak on "Arenas of Power," 3 p.m., LeFevre Hall. Sponsored by the department of political science.

April 27: Edward W. Weidner, chancellor, University of Wisconsin, Green Bay, to speak on environmental quality and educational response, B&PA Auditorium. Sponsored by the Colleges of Agriculture and Engineering.

April 28: Panel discussion on Urban problems as they relate to environmental quality. Panelists: Darrel King, UMC civil engineering department; Harvey Shell of Air Conservation Commission; Jack Smith of Missouri Water Pollution Board. 3:45 p.m., B&PA Auditorium. Sponsored by the Colleges of Agriculture and Engineering.

May 1: Louis G. Redstone, architect, to speak on "Art in Architecture," 8:15 p.m., 114 Physics Bldg. Sponsored by the department of housing and interior design.

May 5: Ruth N. Lutz, division of food and nutrition, General Clinical Research Center, to speak on "Interaction of Alcohol on Fat Metabolism," 4 p.m., 2-16 Agriculture Bldg. Sponsored by the Graduate Nutrition Area Committee.

CONCERTS, PLAYS

April 18, 22, 23, 24, 25, 27: "Comedy of Errors," by William Shakespeare, 8:15 p.m., University Theatre. Admission \$1.50. University Theatre Production.

April 19: Friends of Distinction Concert, 8 p.m., Brewer Fieldhouse. Sponsored by Student Activities.

April 19: Esterhazy String Quartet in residence recital, 4 p.m., Recital Hall.

April 24: Joseph Fuchs, violinist, to perform, 8:15 p.m., Stephens Assembly Hall.

April 24, 25, 29; May 1, 2: "The Devils," drama about religious ecstasy, 8:15 p.m., Stephens Playhouse. Admission \$2.

May 6, 7, 8, 9, 13, 14, 15: "Once Upon a Mattress," 8:15 p.m., Stephens Playhouse. Admission, \$2.

May 15, 16: Original One Act Plays Contest, University Theatre. Admission \$1. Sponsored by the Missouri Workshop Theatre.

FILMS, EXHIBITS

April 18: Film Classic: "The Last Hurrah," 6 & 8:30 p.m., Jesse Auditorium. Saturday showing only.

April 26: Film Classic: "The Thin Man," 6 & 8:30 p.m., Jesse Auditorium.

April 29: Spring Film Festival: "The Ox-Bow Incident," 7 p.m., Memorial Union Auditorium.

May 3: Film Classic: "Suddenly, Last Summer," 6 & 8:30 p.m., Jesse Auditorium.

May 6: Spring Film Festival: "Duck Soup" (with the Marx Brothers), 7 p.m., Memorial Union Auditorium.

May 10: Film Classic: "Splendor in the Grass," 6 & 8:30 p.m., Jesse Auditorium.

May 5: "2001: A Space Odyssey," 8 p.m., Jesse Auditorium. Sponsored by Student Activities.

May 10: Anthropology Film Series: "Colonial 6" by Plimoth Plantation and "4-Butte-1, A Lesson in Archaeology," 2 p.m., Memorial Union Auditorium.

To May 1: Exhibit: "Works of UMC Faculty," Fine Arts Gallery.

To April 30: Exhibit: "Paintings of the Southland," Memorial Union Gallery.

To April 24: Exhibit: "Pablo Picasso," Brady Commons Gallery.

May 4-15: Exhibit: "Works by UMC Students," Fine Arts Gallery.

May 4-29: exhibit: "People and Places," Memorial Union Gallery.

May 4-29: Exhibit: "Mart-Sade," Brady Commons Gallery.

CONFERENCES, INSTITUTES

April 20: Missouri State Council of Firefighters Conference, Ramada Inn. Sponsored by the Labor Education Program.

April 21-22: Missouri Oil Jobbers Institute, 8 a.m., Memorial Union. Sponsored by the School of Business and Public Administration.

April 23: Missouri Radio and Television News Assn. Conference, 8 a.m., Memorial Union. Sponsored by the School of Journalism.

April 27-28: English Language Arts Conference, 8 a.m., Memorial Union. Sponsored by the College of Education.

April 29-30: Conference on Individualized Instruction, 8 a.m., Memorial Union. Sponsored by the College of Education.

April 30-May 2: Art and Home Economics Conference, 8 a.m., Memorial Union. Sponsored by the housing and interior design department.

April 30-May 2: Midwest Labor Press Conference, Memorial Union. Sponsored by the Labor Education Program.

May 4-5: Mental Health Education Conference, 8 a.m., Memorial Union.

COURSES, WORKSHOPS

April 22, 23: Rapid Reading Short Course, 7 p.m., 1 Hill Hall.

May 7, 14: Professional Engineering Refresher Course, Electrical Engineering Building.

DEADLINES, OTHER EVENTS

April 20-24: B&PA Week.

April 19-24: Soul Week.

April 20-24: Environmental Teach-In. Numerous speeches and panel discussions scheduled.

April 20, May 4: Orientation Sessions for new employees, 2-5 p.m., S4 Memorial Union. All new employees should attend one session. Contact personnel for further information.

April 22: Deadline for registration for Intramural Handball Doubles.

April 24, May 1, 8, 15: Public Telescope Observing Nights, 8 p.m., 505 Physics Building.

April 24: Deadline for stories for next Faculty Bulletin.

April 24-25: Law Days.

April 25, May 9: Caps and Gowns Square Dance club meetings, 8 p.m., 208 Brady Commons.

May 1: Deadline for registration for Intramural Tennis Doubles.

May 1-2: Certified Professional Secretary Examination to be given. For further information, contact Dean Baxter, assistant manager of employee education and training, 449-8311.

May 3-8: Journalism Week.

May 8: Deadline for stories for next Campus Columns.

SPORTS

GOLF

April 17-18—Southern Illinois and Drake, Illinois Intercollegiate Tournament at Champaign.

April 20—Washington University and St. Louis University at St. Louis.

April 24—Nebraska, Kansas, Kansas State and Oklahoma State at Lawrence.

April 25—Nebraska, Kansas, Kansas State and Oklahoma State at Manhattan.

April 27—Illinois State University of Normal here.

April 29-May 2—Wichita State University Tournament at Wichita.

May 14-16—Big Eight Tournament at Lawrence.

TENNIS

April 22—Central Missouri State here, 3 p.m.

April 24—Drury-Southwest Missouri State at Springfield.

April 27—Westminster College here, 3 p.m.

April 28—Culver-Stockton here, 3 p.m.

April 30—Illinois State University at Normal, 1 p.m.

May 1,2—Northern Illinois University Tournament at DeKalb.

May 5—Washington University at St. Louis, 2 p.m.

May 6—Memphis State University here

May 8—Northeast Missouri State here, noon.

May 9—University of Arkansas here, 9 a.m.

May 14—University of Colorado at Lawrence.

May 15, 16—Big Eight Tournament at Lawrence.

OUTDOOR TRACK

April 17, 18—Kansas Relays at Lawrence

April 24, 25—Drake Relays at Des Moines

May 2—Kansas State at Manhattan

BASEBALL

April 17—Oklahoma State(double header) at Stillwater

April 18—Oklahoma State at Stillwater

April 24—Nebraska here

April 25—Nebraska (double header) here

May 1—Kansas (double header) at Lawrence

May 2—Kansas at Lawrence

May 8—Colorado (double header) at Boulder

May 9—Colorado at Boulder

Bees, Spiders Are Summer Safety Hazards

The grounds superintendent of a country club was stung on the thigh by a bee while working on his golf course. Within ten minutes he was unconscious and he died a few hours later from an allergic reaction to the bee's venom.

A little known fact is that bees kill more people than any other venomous creature. A study, covering 10 years, of 460 deaths due to bites or stings revealed that bees (Hymenoptera group of insects,

including also wasps, hornets, etc.) caused 50 per cent of these fatalities. Snakes caused 30 per cent, spiders 14 per cent and scorpions 2 per cent of the deaths.

The number of fatal or near fatal cases due to allergic reactions is increasing. Fortunately, the first allergic reaction will not normally be fatal and thus provides a warning to the victim.

A bee sting usually leaves only painful swelling which will dissipate in a few

hours. However, an allergic reaction can cause headache, dizziness, abdominal cramps, extreme nausea or itching. Difficulty in breathing, hives and swelling in a spot different from the location of the bite or sting are also warning signs of an allergy. A doctor should be seen immediately for proper treatment. Once sensitized to the venom of "Hymenoptera," a person will be allergic to the sting of all of them.

There are measures a person can take to avoid being stung. Sweet smells attract bees, so avoid strong perfumes and hair sprays, hair tonics and sun tan lotion. Floral fragrances in particular seem attractive. Brightly colored clothing or flowery prints and black and dark colors seem to anger insects, at least according to some experts, so wear dull white or khaki or some neutral color for outdoor activities and always wear shoes.

Open food also attracts bees and other insects. Keep it covered if possible and when bees are around, avoid swift movements. If one lands on you don't slap it since as a general rule bees won't sting unless threatened.

Fatal reactions are more common in adults (to Hymenoptera) than children. Fatalities seem to increase with age due to the cumulative effect the reactions have. The first sting sensitizes and subsequent encounters cause increasingly severe reactions.

On the other hand, the bite or sting of

a creature such as the scorpion or brown recluse spider is more fatal to children than adults. Even a small amount of venom can have an immediate and deadly effect when victims are small. Reactions to bites do, of course, vary with individuals. Some people don't even feel chigger bites, while others develop watery lesions.

Sometimes the real danger is from the secondary infection rather than the bite itself.

Some creatures have a reputation they don't really deserve. The tarantula is feared by many for its "poisonous" bite, which is no more dangerous than a pin prick. The American tarantula isn't even a spider — it's a tailless whip scorpion.

If you are stung or bitten on an extremity by any venomous insect-like creature, you should immediately make a tourniquet and place it between the bite and the trunk of the body — as near the bite as possible. Do not twist the tourniquet tight enough to cause pain or stop the flow of blood. Do not keep it so tight that the pulse below the tourniquet stops or a throbbing sensation appears above it. This lightly applied tourniquet will help slow down the spread of the venom until a doctor can be reached. Do not take pain killing drugs, as they may increase the venom's lethal power. Follow normal precautions when outdoors and have a healthy spring and summer.

Job in the Spotlight

Eleanor Hines Assists College of Education

"Though some don't realize it, being 'just' a secretary is a lot like being 'just' a housewife. The job can be, and usually is, just as important—just as responsible as an administrator's or a professor's," says Eleanor Hines, secretary to the dean of the College of Education.

She speaks from experience. In her 24 years at UMC, she has served three education deans—Townsend, Schooling and Woods—along with a former UMC bursar, Christine Hauschild and the director of the Memorial Union, A. C. Stotler.

"The relationship between a secretary and her superior is an immensely personal one," Mrs. Hines says, "but so is her relationship with the faculty and with other administrators. In the higher levels, the secretary becomes a filter—sifting out the routine of operation, while expediting those items which require the superior's attention."

"In her position between the faculty and the administration, she takes on facets of both—she works with both and is often present informally at gatherings of both outside the office."

"It is an extremely delicate situation, hinging on the secretary's alertness, discretion, training and loyalty," she says, "but if the balance can be maintained, it can be a most enjoyable and satisfying experience."

A native of Columbia, Mrs. Hines got her first secretarial job through a cooperative occupational education program at Hickman High School. There, in 1940, her senior year, she worked for the school's principal, Fred Dixon.

After graduation, she was employed at

the UMC Business Office. She remained there until 1946, when she left UMC and moved to the Springfield, Mo., area.

She returned in 1952 and went to work as reservations secretary in the newly-opened Memorial Union. In 1958 she became secretary to the education dean.

When she took the position, there were three staff employees in the dean's office and less than 1,000 students in the college. Now, with approximately 4,000 education majors, Mrs. Hines says she doesn't have as much contact with the students as before. "It was enjoyable working with them, but I get more work done now," she says.

Seated at a walnut desk in a light, pleasantly grey office, Mrs. Hines says a good secretary is a loyal one. "Loyalty," she says, "must extend beyond the office of one's supervisor. You can't view a single office at the University by itself, it doesn't exist by itself. Loyalty must be for your supervisor and for the University."

Interest in the job and discretion in its handling are other qualities she thinks the good secretary must possess.

Listening to the children on the Laboratory School playground outside her window, Mrs. Hines must be reminded of her own three offspring, now in their twenties. She is the mother of two boys and a girl and has a granddaughter by her oldest son.

A widow of 10 years, she has no special hobbies other than watching television and going to the movies. She does spend a great deal of time typing dissertations. She has done 30 over the last six years, ranging from 65 to 543 pages.

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Walter D. Keller, professor of geology, examines the vial of "Moon Dust" he recently received from the National Aeronautics and Space Administration for use in experiments he and Wen Hsing Huang, post-doctoral fellow in geology, will perform to investigate the weathering effects of the earth's atmosphere on lunar materials. The vial contains a black dust, resembling the black sand on Hawaii's "Big Island" beaches, but of a much finer texture — similar to corn starch or talcum powder. The sample, which arrived at UMC April 6, was shoveled from the moon's surface by the crew of Apollo 12. Keller says the experiments will take about six months to complete.

Sen. McGovern to Speak Here On 'America in Time of Change'

Sen. George McGovern, (D-S.D.), one of the nation's leading Vietnam War critics, will discuss "America in a Time of Change" at 8 p.m. April 28 in Jesse Auditorium.

The first Democrat to win a Senate post in South Dakota since 1936 will be sponsored by Student Activities.

A contender for the 1968 Democratic Presidential nomination, McGovern is chairman of the Senate Select Committee on Nutrition and Human Needs which has helped create a national awareness of the sub-standard living conditions among many of the nation's poor.

McGovern was named Food for Peace director and special assistant to President Kennedy in January, 1961. As a U.S. delegate to the United Nations Food and Agricultural Organization Conference in 1961, the former history and government professor at Dakota Wesleyan University made the U.S. offer which led to the first World Food Program making freedom from hunger an international objective.

Elected to the Senate in 1962,

McGovern is a member of the Committee on Agriculture and Forestry and the Committee on Interior and Insular Affairs where he serves as chairman of the subcommittee on Indian Affairs. He also is chairman of the Democratic Party Reform Commission.

McGovern is the author of three books — "War Against Want," "Agricultural Thought in the Twentieth Century" and "A Time of War-A Time of Peace." He won the Distinguished Flying Cross for flying 35 combat missions as a B-24 bomber pilot in World War II.

Born in Avon, S.D., McGovern earned his bachelor's degree from Dakota Wesleyan University and received both his M.A. and Ph.D. degrees in history and government from Northwestern University. He and his wife have four daughters and one son.

The lecture is free to UMC faculty and staff members. Tickets will be required for admittance and will be available beginning April 20 at the Memorial Union ticket window.



WALTER CRONKITE



FRANK ACKERMAN

Ackerman, Cronkite To Receive Degrees

A St. Louis industrialist—engineer noted for his work with mentally retarded children and a television news correspondent nationally recognized for his versatility will receive honorary degrees from UMC at commencement exercises June 2.

Chancellor John W. Schwada, has announced that a degree of Doctor of Humane Letters will be conferred upon Frank Ackerman, a native of St. Louis, and a Doctor of Letters upon Walter Cronkite, native of St. Joseph, at ceremonies scheduled to begin at 6 p.m.

Commencement will mark the close of the 1969-70 school year and the awarding of degrees to a graduating class expected to number approximately 4,200, some 1,000 of whom qualified for degrees in January. The exercises are scheduled at Memorial Stadium, with Brewer Field House on stand-by for use in case of rain.

Cronkite, who received an UMC Honor Award for Distinguished Service in Journalism in 1964, will deliver the commencement address on the topic "The Case for Dissent."

Ackerman has been a leader in development of programs for mentally retarded children since he retired in 1950 as vice president of the Curtis Manufacturing Co. The electrical engineer, graduate of Cooper Institute of New York City, had been with the company for 30 years. He retired to devote full time to securing legislation and community services for mentally retarded children.

Ackerman served as chairman of the

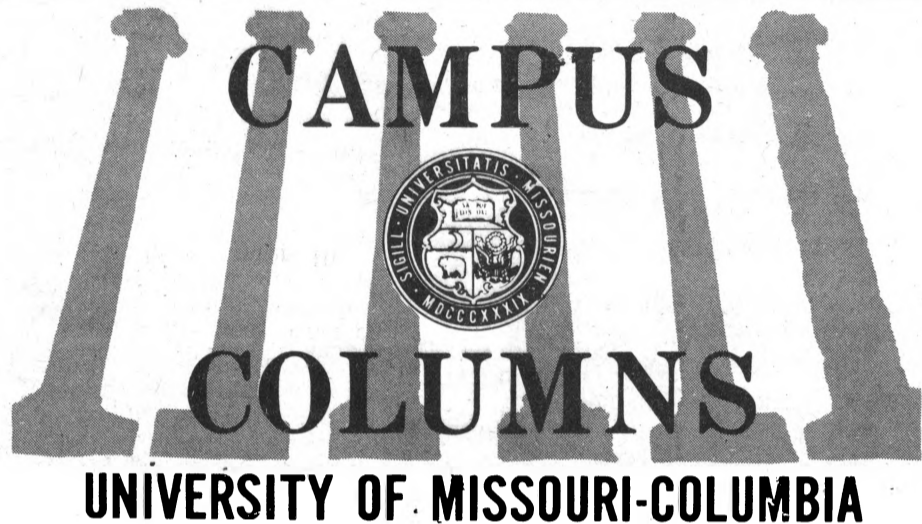
governmental affairs committee of the Missouri Assn. for Retarded Children from 1952 to 1968; provided leadership between 1955 and 1959 for writing and enacting nine acts passed by the Missouri legislature that established mandatory public school special education classes, training centers and special services for mentally retarded children. He was a Missouri delegate to the President's White House Conference on Children and Youth in 1960, and in the decade of the late 60's he provided leadership for the Christian Church in establishment of the Woodhaven Christian Home in Columbia for mentally retarded children. The Frank Ackerman Residence Cottage at the Home is dedicated to him. Among honors he has received was the St. Louis Humanities Award in 1968 which recognized "that citizen whose entire life truly reflects the universal aspirations of mankind toward the Fatherhood of God and the Brotherhood of Man."

Cronkite became a television news correspondent with the Columbia Broadcasting System in 1950 and has remained to become chief news and anchor man in its television news broadcasts. Prior to a television career, he had extensive news experience as war and foreign correspondent for the United Press (now United Press International), as chief correspondent for the Nuremberg war crimes trials and as manager of the United Press Moscow news bureau. Earlier he had been news writer and editor for Scripps-Howard Newspapers and for daily newspapers and radio stations in Houston, Kansas City, Dallas, Austin, El Paso and New York City.

He has covered such stories as Khrushchev's visit to the United States, Eisenhower's trip to the Far East, preparation for trial of Adolph Eichmann in Jerusalem, Kennedy's visit to Paris and Vienna to meet DeGaulle and Khrushchev, the Allied landings in North Africa and Normandy, and the Battle of the Bulge.

It is said that no individual broadcast newsmen has been seen by more people, covered more major stories and reported on such a variety of subjects as Cronkite. The range has been from space efforts to political conventions, from daily elucidation of hard news to in-depth reporting.

In addition to his UMC Honor Award, Cronkite has been recognized with the Peabody Television news award in 1962, by journalism achievement awards from the University of Texas—his alma mater—and the University of Southern California, and by honorary degrees from Rollins College and Bucknell, Syracuse and Ohio State Universities.



Vol. 1, No. 9

May 15, 1970

Matthews To Retire as Dean of Students

Missourian, UMC alumnus, former Tiger letterman in four sports, teacher, coach, University administrator and civic leader—that's Jack Matthews, who has served as UMC dean of students since 1950 and will retire after this academic year comes to a close.

Sometimes a controversial figure as dean of students, Matthews has been associated with the University for more than 30 years, first as a physical education teacher in 1935 while working on a master of arts degree which he received in 1938.

A Gower native, the former chairman of UMC's department of physical education came to the University in 1923 after graduation from Gower High School. During his undergraduate days at UMC, Matthews lettered three years and earned freshman numerals in track, cross-country, basketball and baseball.

After graduation in 1928, the former distance runner taught science and coached football, basketball and track at St. Joseph's Central High School, his home until 1935 when he returned to UMC as assistant track coach and instructor in physical education.

Three years later, Matthews received the second of three degrees from UMC. From 1941 to 1943, Matthews was in charge of UMC's required physical education courses. In 1946, after a three-

year stint in the U. S. Naval Reserve where he reached the rank of Lieutenant (j.g.), the crew-cut Matthews earned his doctor of education degree.

After four more years in the department of physical education, Matthews became dean of students, a post which he has held through controversial as well as contented times at the University.

An active supporter of ROTC, he was awarded the rank of honorary colonel in the Air Force ROTC in 1961 and received an outstanding service award from the Air Force ROTC in 1968.

A civic leader as well as school administrator, Matthews is a Rotarian, former president of the Board of First Christian Church in Columbia, president of the Boone County Historical Society and was the first president of Columbia's United Fund. The voice of the football Tigers at each home game, Matthews also holds memberships in many clubs and organizations such as Kiwanis and Cosmopolitan.

An example of his enthusiasm and work in civic affairs came in 1964 when Matthews suggested a means to solve the traffic congestion problem occurring around the old Courthouse on Walnut and Eighth Streets. Matthews' suggestion helped save the columns which were going to be removed. More recently Matthews fought vigorously for renaming

Eighth Street "Avenue of the Columns."

Dean Matthews was married to the former Miss Kathryn Boyer of Savannah, Mo., in 1931 and has two children.

Holiday May 29

UMC will observe May 29 as the Memorial Day holiday. In line with current University policy, all offices will be closed. Arrangements will be made to carry through all services which cannot be temporarily suspended.

An employee retiring or terminating employment at the end of May and expecting to be paid for the holiday must work the day before and the first working day after the holiday unless excused by the appropriate department head, dean or director.

Jack Creasy Named To Head Personnel at Medical Center

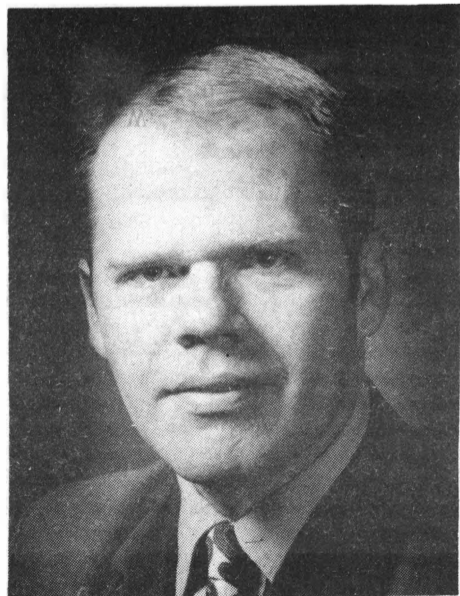
Jack O. Creasy has been appointed personnel manager for the Medical Center, Dean William D. Mayer, dean and director, has announced.

Creasy, 34, has been assistant personnel manager since 1967. Prior to that he served for five months as an administrative assistant for the personnel office. Creasy will fill a position left vacant by Lawrence P. Harkness, who has been named personnel officer for the campus.

From 1960-67 he was vice president for operations with the CIDA Investment Co. He also served as Operations Consultant for College Inn Restaurant, Inc., and was a manager partner in a Burger Chef franchise in Columbia.

Creasy received a bachelor of science degree in personnel management from the University in 1958.

He is the father of four children. The Creasys live at 2907 E. Henley Dr.



JACK O. CREASY



There will be a retirement dinner honoring Jack Matthews at 6:30 p.m. May 20 in the Memorial Union. Several hundred people, including alumni, faculty and friends, have been invited to attend.

Calendar of Events

LECTURERS, SPEAKERS

May 12: Julius Marek, professor at the University of Trondheim, Norway, to speak on "Industrial Enterprises in Rural Districts: Sociopsychological Problems in Regional Development," 3:40 p.m., 203 McAlester Hall. University Assembly Lecture sponsored by the department of psychology.

May 14: Dame Kathleen Lonsdale, former professor of chemistry and head of the department of crystallography, University College, London, to present O. M. Stewart Lecture on "Reminiscences — 50 Years of a Many Sided Crystallographer," 2:40 p.m., 126 Physics.

May 19: Steve Jerrett to speak on "Avain Salivary Glands," 3:30 p.m., M301 Medical Sciences Building. Sponsored by the department of anatomy.

CONCERTS, PLAYS

May 15, 16: Original One Act Plays Contest, University Theatre. Admission \$1. Sponsored by the Missouri Workshop Theatre.

May 16, 20, 21, 22, 23: "Once Upon a Mattress," 8:15 p.m., Stephens Playhouse. Admission, \$2.

May 17: University Singers Concert, 3:30 p.m., Jesse Auditorium.

May 18: Combined bands concert, 8:15 p.m., Jesse Auditorium.

May 19: Studio band concert, 8:15 p.m., Jesse Auditorium.

May 20: Student University woodwind quintet recital, 8:15 p.m., Recital Hall.

May 22: Missouri Melody Maids and Missouri Statesmen Concert, 8:15 p.m., Jesse Auditorium.

May 24: University Chorus Concert, 3:30 p.m., Jesse Auditorium.

FILMS, EXHIBITS

May 16: Janus Film Series: "Sparrows Can't Sing," 7:30 p.m., Arts and Science Auditorium.

May 17: Film Classic: "The Lone Ranger," 6 & 8:30 p.m., Jesse Auditorium.

May 20: Spring Film Festival: "Gold Diggers of 1937," 7 p.m., Memorial Union Auditorium.

May 22: Janus Film Series: "League of Gentlemen," 7:30 p.m., Arts and Science Auditorium.

To May 31: Exhibit: "Works of UMC Students," Fine Arts Gallery.

To May 29: Exhibit: "People and Places," Memorial Union Gallery.

To May 29: Exhibit: "Marat-Sade," Brady Commons Gallery.

CONFERENCES, INSTITUTES

May 15-16: Unfinished Task Conference, 9 a.m., Memorial Union. Sponsored by the College of Education.

May 16: Swimming Pool Conference, 8 a.m., Memorial Union. Sponsored by the department of recreation and park administration.

May 16: Missouri Industrial Education Awards Program, 9 a.m., Industrial Education Bldg. Sponsored by the department of industrial education.

May 22-23: Annual Credit Conference, 8 a.m., Memorial Union. Sponsored by the School of Business and Public Administration.

May 28: Tax Reform Act of 1969 Conference, Ramada Inn. Sponsored by the School of Law.

June 1-4: Missouri Vocational Agriculture Teachers Assn. Conference.

June 8-10: Annual Arson Investigators Seminar, 8 a.m., Memorial Union. Sponsored by Firemanship Extension.

June 8-12: American Society of Civil Engineers Conference, Business and Public Administration Auditorium.

COURSES, WORKSHOPS

May 21: Professional Engineering Refresher Course, Electrical Engineering Building.

DEADLINES, OTHER EVENTS

May 15, 22, 29: Public Telescope Observing Nights, 8 p.m., 505 New Physics Building.

May 18, June 1, 15: Orientation Sessions for new employees, 2-5 p.m., S4 Memorial Union. All new employees should attend one session. Contact personnel for further information.

May 22: Deadline for stories for next Faculty Bulletin.

May 23: Caps and Gowns Square Dance Club meeting, 8 p.m., 208 Brady Commons.

May 25-June 1: Final examinations.

June 2: Commencement, 6 p.m., Memorial Stadium.

June 5: Deadline for stories for next Campus Columns.

June 15: Registration and Orientation, Summer Session.

June 16: Classwork begins, 7:40 a.m.

GOLF

May 14-16—Big Eight Tournament at Lawrence.

TENNIS

May 15-16—Big Eight Tournament at Lawrence.

OUTDOOR TRACK

May 15-16—Big Eight Meet at Lawrence

June 5-6—Central Collegiate

June 18-20—N.C.A.A. Championship at Des Moines

BASEBALL

May 15—Kansas State here

May 16—Kansas State (double header) here

May 22—Oklahoma here

May 23—Oklahoma (double header) here

Retirements

James R. Lorah, professor of chemical engineering, retires Aug. 31 after 43 years with the University. Lorah started with the University Sept. 1, 1927, as assistant professor of chemical engineering, and was promoted to associate professor of chemical engineering Sept. 1, 1931. He was made a full professor Sept. 1, 1957.

Walter D. Keller, professor of geology, retires Aug. 31. He first came to the University Sept. 1, 1925, as a University fellow, then held the position of instructor in geology from Sept. 1, 1926, to Aug. 31, 1929. He returned to the University Sept. 1, 1932, as assistant professor and was promoted to associate professor Sept. 1, 1937. He was made a full professor Sept. 1, 1943.

Clifford M. Wallis, professor of electrical engineering, will retire Aug. 31 after 42 years with the University. Wallis started here as an instructor Sept. 1, 1934, and was promoted to associate professor Sept. 1, 1939. He was made a full professor Sept. 1, 1944.

Chesney Hill, professor of political science, will retire Jan. 31, 1971. Hill joined the University as an assistant professor Feb. 1, 1936, and was promoted to professor Sept. 1, 1948.

Charles W. McLane, director of admissions and registrar, will retire Dec.

31 after 27 years service with the University. McLane was hired as a graduate assistant in January, 1939, and then became assistant professor of education in January, 1940. He left the University in August, 1942, for military service, returning in July, 1946, as director of admissions. He was promoted to his present position July, 1960.

Grace Ballenger, licensed practical nurse at the University hospital, will retire Aug. 31 after 21 years with the University. She began with the University as a nurse's aid in April, 1949, and became a licensed practical nurse July, 1959.

Mary Lillian Baker, secretary-stenographer in intercollegiate athletics, will retire May 31. She was first hired by the University in June, 1961, and has worked here for nine years.

Mary A. Glisson, maid at the University Hospital, retired Dec. 31, 1969. She had worked at the University since August, 1964.

Russell E. Sever, food service worker in housing, will retire May 31 after six years with the University. Sever began work here in November, 1964.

Warren J. Southerland, custodian at the University Hospital, retired April 25. He had worked for the University since March, 1965.

Policy and Procedures

The University policies concerning time off for voting and jury duty affect many employees.

Time Off for Voting

Employees eligible to vote at any local, state or national election in the state of Missouri will be excused from duties at the University for a period of time for voting, not to exceed three successive hours, including off duty time, between the opening and the closing of the polls on the day of election.

If any scheduled working time is involved, the employee is paid for that part of the time it is necessary to be absent, provided, however, that he has requested permission to be absent from work for the purpose of voting.

If an employee's hours of work give him three successive hours on election day between the opening and the closing of the polls when he is not on duty with

the University, he will not be eligible for any paid time off for the purpose of voting.

If the employee resides in an adjoining state, the same policies will apply for national elections and primaries held in preparation for national elections, but not for state and local elections.

Jury Duty

In order that an employee may fulfill his civic responsibility as a juror or subpoenaed witness, he will be granted leave of absence without loss of time or pay for this purpose.

If you are required to serve on a jury, show your subpoena to your supervisor and he will authorize you to be away from your job. You will continue to be paid by the University at your regular rate of pay while you are on jury duty or appearing as a subpoenaed court witness.

Obituaries

Myers R. Eggert, assistant director of admissions, died March 15, 1970. Eggert began with the University July 1, 1962, as an admissions counselor and was promoted to assistant director of admissions Aug. 1, 1963.

Glynn Nichols, assistant superintendent in the food storeroom, died March 25, 1970. He had worked for the University since July, 1957.

Chauncey Simpson, former UMC coach, died April 20 in Arizona. Simpson was assistant football coach and track coach from 1935 to 1943 and stepped in as head football coach from 1943 to 1945. After 1946, he coached the golf and tennis teams. From 1956 until his retirement in 1965, Simpson was head golf coach and instructor in physical education.

CAMPUS COLUMNS

Campus Columns is published monthly except August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall, at least a week prior to publication. Office: 449-9189. Editor: Kay Marica

R. B. and the University

— 89 Year Association

For most UMC graduates, receiving a hard-earned diploma marks the end of their close association with the University, but for at least one individual—Robert Beverly "R. B." Price II—graduation just marked the beginning.

"R. B." Price has been closely associated with the University his entire life, and the slender, life-time bachelor is going on 89. His longest association and service to the University was as its treasurer—for 40 years.

When "R. B." Price's grandfather, R. B. Price I, stepped down as University treasurer in 1923 (after holding that office for 50 years), it was only natural his grandson take over the job. "R. B." was not exactly a stranger when it came to handling money, since he had worked in his grandfather's bank—Boone County National—since his boyhood days.

"R. B.'s" grandfather, better known as "Bev," was bank president when "R. B." went to work as bookkeeper in 1903. "R. B." was promoted to assistant cashier in 1904, to cashier the next year and by May, 1910, he was vice-president and director. In 1924, "R. B." was elected president to succeed his grandfather who was 92 and died that year.

But "R. B." was involved directly with the University treasurer's duties long before 1923. As early as 1898-99, the youthful Price, during temporary employment at the beginning of each semester, used to sit at a table and accept library and incidental fees ("at that time \$5") from students.

"Back in those days, students would come to the bank to pay their fees, but there were only about 800 or so students then," an animated and energetic Price reflects. (Price still reads five newspapers and comes to his bank office each day.)

"The treasurer was responsible for all receipts and disbursements. So we used to keep separate accounts for all the University's different departments and subjects. But today, the University keeps its own accounts by departments because it has grown so large, and we just keep the receipts under several big headings."

"R. B." served as treasurer until 1963 when he asked "not to be reappointed." His nephew, Albert M. Price, was elected to succeed "R. B." which means the treasuryship has been in Price hands now for 97 years. And Albert Price, current Boone County National Bank executive vice president, has a nine-year-old son named—you guessed it—Robert Beverly Price III.

The Board of Curators in 1963, to recognize "R. B." for his duties as University treasurer, conferred upon him the title of "Treasurer Emeritus of the

University of Missouri-Columbia." The Board also adopted a resolution "of gratitude and respect... for this devoted and efficient service that covers almost a century of the history of this institution," as a tribute to "R. B." and his grandfather.

But association with the University for "R. B.", has not been limited to the University treasuryship. He has been treasurer of the Law School Foundation and the Walter Williams Memorial Journalism Foundation since each was founded, and was treasurer of the former University Stadium Corp.

In 1961, he established and endowed the R. B. Price Distinguished Professorship in Law in the University School of Law used to bring distinguished law professors to the school.

For such support, which extended to many other programs as well, "R. B." in 1961 received the Alumni Distinguished Service Award, one of the University's and the Alumni Assns. top honors.

Why such close ties with the University when there was a bank to be run? "I just grew up in that type of atmosphere," Price says with a proud twinkle in his eyes. "My grandfather always was very interested in helping and supporting the University, and very much concerned with its welfare."

Recalling the changing attitudes of people in the state over the years, Price says, "I think people in Missouri are realizing more and more how important the University is and how it is affecting their lives today. For instance, no farmer in the state could operate without the knowledge generated by the University and such knowledge today is an asset to all professions."

Price believes present financial needs of the University, are in part because of inflation, "since the cost of maintaining the University has been so greatly increased because of inflation. I'd say over the recent years though, the state legislature has been fair in recognizing needs for the University's growth."

Son of the late Mr. and Mrs. Edwin Price, the former treasurer was born in Hannibal and reared on a farm northwest of Columbia. Now a lover of auto trips to see the countryside, Price says he doesn't have any special secret for reaching 88. "Just luck, I guess."

But to those who know "R. B.", the secret is lifelong activity and interest in things around him. Fortunately, much of Price's activity and interests have centered around the University.

Programming Techniques To Be Used in Freshman English Course

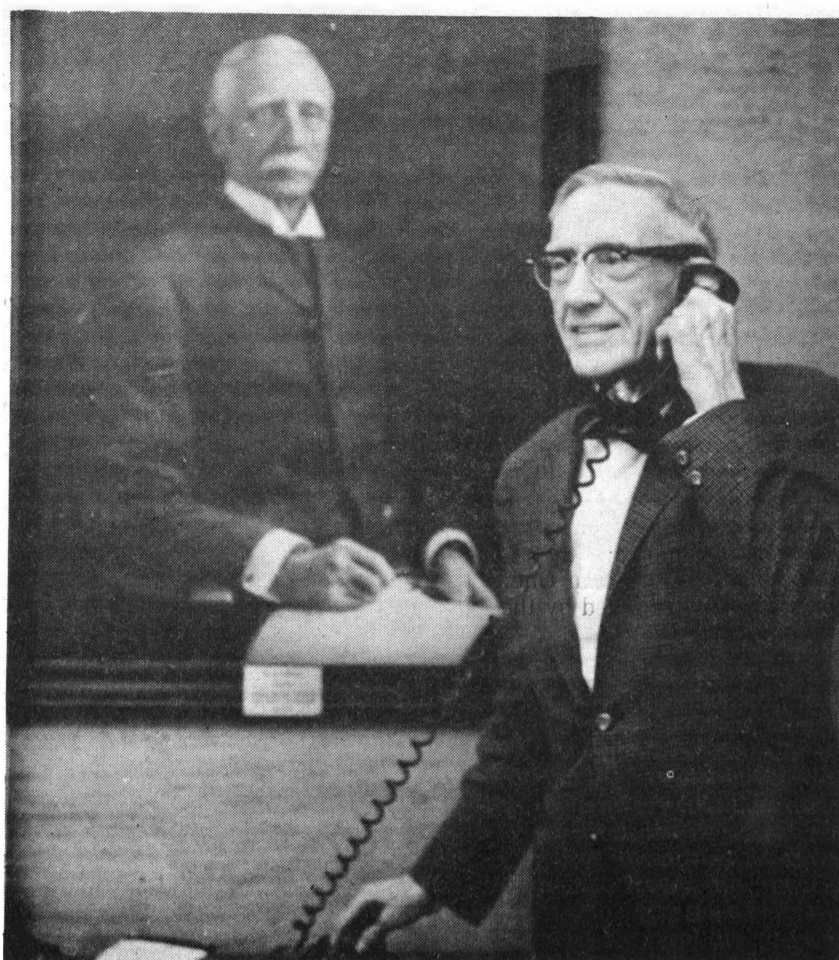
Each year, hundreds of UMC students enroll in English composition classes. On the basis of Missouri College English Test results, about 25 per cent of each year's freshman class enrolls in English Composition 1, the basic theory and practice of composition.

Some freshmen have difficulty because they are less adequately prepared in basic English skills such as spelling and punctuation than their peers. These students are expected to make up what they lack in basic skills on their own as part of their work in their Composition 1 classes.

A new program scheduled to go into operation next fall will aid these students. It will utilize programmed machine testing and instruction and will be available to students who need and want the help.

The program is financed by a grant from the University's Improvement of Teaching Techniques Fund. Merlyn Herrick, associate professor of education, is in charge of the project. Herrick, a programming expert, also holds an appointment in the School of Medicine.

Working with Herrick on the project is Willoughby H. Johnson, professor of



The "young" R. B. Price II, presently treasurer emeritus of UMC and formerly treasurer of the University for 40 years, stands in front of a portrait of R. B. Price I, who was University treasurer for 50 years before stepping down in 1923.

Correspondence Department Announces Recent Title Change

Chancellor John W. Schwada has announced a change in name for the Correspondence Study Department. The new title is now the Independent Study Department.

Doil F. Felts, director of the department, has indicated that the Independent Study Division of the National University Extension Assn., of which the University is a member, has changed its name from Correspondence Study to Independent Study, and its executive committee has recommended that member universities make the appropriate change in title.

He says the title, Independent Study, more appropriately describes the present-day function and service the department performs. The increased use of individual programmed instruction and electronic media are examples of new approaches to reaching educational objectives.

The Independent Study Department has become the sixth largest center for independent study courses among all institutions of higher learning as more Missourians are gaining credit through independent study than ever before.

The department, in existence on the UMC campus since 1911, reached an enrollment of 6,051 new students during the 1968-69 academic year.

Combined with the carry-over enrollments from the previous year, 11,556 are in the process of gaining credit through independent study. These students are from all fifty states and nineteen other nations.

The department offers 195 college courses on both the bachelor's and master's levels as well as 45 high school courses. The department utilizes a faculty of almost 100 university instructors who handle nearly 65,000 assignments and examinations each year.

The increase in enrollment here reflects a national trend reported in the Feb. 16 issue of "U.S. News and World Report" magazine.

The magazine report is based on figures released by the National Home Study Council. Figures indicate widespread growth in independent study throughout the U.S. with an estimated 5.2 million Americans — eight per cent more than last year — now enrolled in correspondence courses.

UMC's enrollment has risen more than 50 per cent in the last 15 years and it now ranks as the sixth largest center for independent study courses among all institutions of higher learning. Enrollment this year is running at a record pace and well above the national average.

UMC is among more than 60 colleges and universities which accepts correspondence credits earned toward a bachelor's degree. It is one of a small number to provide graduate level courses which can be counted toward a master's degree.

Other course offerings of the department help students prepare for a Certificate of High School Equivalence examination or allow qualified high school seniors to enroll in college-level courses.

To gain further details on correspondence study, individuals should write the UMC Independent Study Department, Whitten Hall.

English Course To Be Offered For Foreigners

A special course in "English Composition for the Foreign Born" will be offered by Christian College between June 15 and July 24.

The 30 two-hour lessons will be taught by Norman Reves, instructor of English at Christian College. Reves holds B. A. and M. A. degrees in English from the University of Arkansas and has more than four years experience tutoring foreign born persons in English composition.

Registration for the course will be held at 7 p.m., Thursday, June 11, in Room 205 Dorsey Hall at Christian. The course will cost \$110. Class hours will be arranged at registration.

For further information, contact the Christian College Business Office, 449-0531 ext. 214 or 215.



Leroy Owen studies art on display in the Fine Arts Gallery.

Frederick Douglass Exhibit On Display Through May

Early black colleges often were little more than ego builders for their founders, Walter C. Daniel, Lincoln University president, told an audience of 60 persons Sunday gathered in the Fine Arts Building for a special showing of the Frederick Douglass Years Exhibit. The exhibit, in the State Historical Society of Missouri section of the Library, will be shown to the public through May 24.

Daniel, recently inaugurated as Lincoln's president, gave the remarks as principal speaker for the occasion and chose a brief history of the "Negro College in America" as his topic.

Until 1940, there were really very few quality black institutions in America, he said.

"Progress really began in the latter half of the 1940's. One of the earliest schools to be accredited by its regional accrediting associations, however, was Lincoln University, which has accreditation going back to 1932."

Daniel was introduced by program moderator Arvarh E. Strickland, UMC professor of history. Preceding Daniel's remarks, Chancellor John W. Schwada welcomed the group gathered in the Recital Hall.

"I hope you will take away an improved understanding of the contributions of our black Americans from viewing this exhibit today," Schwada said.

The traveling exhibit, property of the Smithsonian Institute, is divided into four periods depicting Afro-American history from 1619 until 1895 as well as the life and times of Frederick Douglass.

The first section of the panel is concerned with the years from 1619 to 1838 which includes some of the background material on slavery. The second spans the years from 1838 to 1872 and deals with steps leading to the Civil War, the war itself and after generations of slavery and the early days of reconstruction. The final panel is primarily about "The Negro," the story of struggle to learn and progress.

Pictures tell of the slave trade in Africa, slavery in the South, slave revolts, the abolitionist movement and other facets of early and relatively current Agro-American history.

The story is told through written text together with photographs of auction handbills and posters, genre paintings of plantation life and historical documents never before exhibited.

The dramatic events of Douglass' early life, which led to his involvement in the abolitionist movement, are correlated with lives of other prominent figures in the years prior to and during the Civil War, including Harriet Tubman, William Lloyd Garrison and John Brown.

The remainder of the exhibit includes the part played by the Black soldier in the Union Army, the reconstruction era, the buffalo soldiers in the Southwest, the Negro exodus from the south and recognition given Douglass for his accomplishments as writer, statesman and diplomat—but foremost a fighter for the freedom of all people.

Animal Facility Plans Approved

Preliminary plans for constructing a laboratory animals facilities building at UMC have been approved by the Board of Curators.

The building is being constructed mainly to allow the University to meet federal regulations regarding the humane and safe housing and treatment of laboratory animals. The structure will be built as an addition to the existing animal house in Research Park.

Estimated cost of the building is \$375,000. All the funds are state appropriations provided previously by the General Assembly.

Architect for the preliminary building plans approved today is Murphy, Vogt and Associates, Architects, St. Louis.

Leroy Owen: Beauty And the Beholder

Art is art is art is art. Right? Perhaps. If you'd asked Leroy Owen his opinion of works of art four years ago, he probably would have had little to say.

Then Leroy took a position with UMC as a watchman in the art gallery in the Fine Arts Building. He spent three and a half years there before being transferred last month to the position of military property attendant with the purchasing department.

Leroy found the watchman position to be but let's let Leroy explain it. Following is a letter he sent to John S. Weller, chairman of the art department, after taking his new job:

To Mr. Weller and Staff:

As the guard who has watched in the gallery for over three years, I would like to convey the following sentiments.

It has been quite an education in itself to see the various displays. My appreciation for the medium of art has grown from zero to a very high regard. I know it has added a new and living dimension to my life.

A captured smile, a tree, a blade of grass, a garbage can, an old dilapidated building can on canvas thunder forth a lasting beauty or mood that will linger only because of a skilled artist. The works of art have been varied. At first I was very narrow in my appreciation. Some of the shows have been warm and inspiring and to me carried a real depth of inspiration. Others have been depressing and harsh and difficult to live with. Other shows that at first seemed to say nothing to me later as I viewed them more closely there seemed to be no end to the message they conveyed to me and when they were taken away I was sorry to see them go.

One especially I recall was like a giant shadow behind my waking thoughts and stalked like a horror thru my childless dreams. I found myself looking at the floor or ceiling, dragging to work, taking longer breaks when I was relieved and rushing away when the day finally came to an end. I recall one morning when I came in and with it seemed to dawn on me like the dew going off. This person was moved with a passion to undertake such a task. I began to see the work was well done, every line and stroke of the brush was precisely placed. By return mail I learned the story first hand from the artist. This shocking exhibit and stunning letter uncovered in me a perception I never realized existed.

Sister Careta and the Early American to mention only two were such shows. Variety shows have been very interesting but one man shows have made

a more lasting impression, baring their reputation. Faculty shows have been the ones I have always looked forward to and enjoy immensely.

Every faculty member has treated me with the highest respect. I regard each one of them as a real friend. None of them have hesitated in trying to answer my honest questions. My ability to grasp has been slow but has grown. Thanks to each of you for your patience.

I count it a privilege to have been able to sit in the presence of the various works of art. The concentrated thought, the untiring labor as they skimmed off the cream of their innermost feelings and emotions and lay them on canvas or turned them off on the wheel or weave them into a beautiful fabric as a masterful piece of sculpture or jewelry.

I marvel and stand in awe as I realize the artist has incorporated a part of himself in every piece of work he turns out. The longer I look the more the artist unconsciously tells me about himself. I have derived no pleasure in the lewd and suggestive work that has on occasion been in the gallery but I have endured them. The blossoming of spring, the ardent life of summer, the fruitfulness of fall and harvest time have taken on a deeper meaning because of my introduction to art in the gallery. Although not an artist, I am sure I can never be the same again from having worked as a guard in the gallery. I have enjoyed every student show and visiting with the graduating students and shared their anxiety as they approached their orals before getting their degrees. I have enjoyed Dawson sorghum cookies as well as Mrs. Irle's thoughtful treats and some of their coffee.

I wish the best for each and every one of you for the future. I thank you for every gesture of kindness shown me as I worked in your department.

Sincerely, your friend
LeRoy Owen

Educational Assistance

A revised issue of the "Educational Assistance Program Questions and Answers" booklet has been distributed to deans, directors, department chairmen, supervisors and other administrative staff, says Don Zick, manager of employee education and training.

The only change in the book concerns the number of hours an employee may take per semester under the educational assistance program, Zick says.

Full-time permanent employees may now take a maximum of six credit hours during the Fall and/or Winter semesters and three hours during the summer session under the assistance program. With departmental clearance, additional hours may be taken at the employee's own expense if the classes are not scheduled during the employee's normal working period.

Previously, a full-time, permanent employee was not allowed to take more than six credit hours per semester, Zick says.

Intramurals Set

The summer intramural sports program will include golf, handball singles and doubles, softball, and tennis singles and doubles. Tennis doubles and softball will be co-recreational.

Students or faculty members may participate.

Interested participants should sign up by Wednesday, June 24 on the chart on the bulletin board in Rothwell Gymnasium. Softball team managers should fill out a team roster form which may be obtained in the Intramural Office, Rothwell 106, or in the Physical Education Office, Rothwell 103.

Softball teams probably will play about once a week on Monday or Wednesday at 5. It will be slow pitch.

Recipe Of The Month

Edna Mae Miller, nutrition educational assistant from Webster County, submitted the following recipe for Campus Columns readers:

MOCK PECAN PIE

1 cup pinto beans, cooked and run through colander

4 eggs, beaten well

½ cup melted butter

2 teaspoons vanilla

Either 1 cup sugar and 1 cup syrup or 2 cups sugar

Blend ingredients. Pour into unbaked pie shell and bake in 375 degree oven for 30 to 35 minutes.

(Do you have a favorite recipe you'd like to share with Campus Columns readers? Send it to Campus Columns, 223 Jesse Hall.)

Highlights Of Curators Meeting

Highlights of actions taken by the Board of Curators at its meeting in Columbia May 8:

* Approved the appointment of Norton E. Long, now a professor of political science at the University of Illinois, as a Curators Professor of Political Science and director of the Center of Community and Metropolitan Studies on the St. Louis campus. The appointment is effective Spet. 1.

* Awarded a construction contract of \$134,093 for remodeling work on Parker Hall on the Rolla Campus.

* Approved preliminary plans for constructing a Laboratory Animals Facilities Building on the Columbia Campus.

* Awarded a construction contract of \$143,879 for making alterations to Benton Hall on the St. Louis Campus.

* Denied appeals from three students who had been disciplined after an incident on the Columbia Campus earlier this year.

Earl English Honored At Journalism Banquet

Earl F. English, dean of the School of Journalism since 1951 and a journalist and educator for 50 years, was honored last Friday night by the University and the School of Journalism for distinguished service at the Journalism Week banquet.

After speakers and honor medalists



EARL F. ENGLISH

Harry Reasoner, CBS news commentator, and Arthur Ochs Sulzberger, New York Times publisher and president, concluded the banquet's scheduled agenda, Chancellor John W. Schwada surprised Dean English by taking over the podium in Rothwell Gym.

Schwada then announced an honor medal for distinguished service in journalism which was approved earlier in the day by the Board of Curators at its regular monthly meeting in Columbia. He read the citation worded as follows:

"To Earl English, in recognition of: his 50-year career as a journalist and educator; his 19 years of innovative leadership, which have guided the School of Journalism to its position of professional excellence; his development of a strong graduate program and his scouting of new paths in graduate study in journalism; his formulation of basic accreditation procedures, and development of the accrediting program of the American Council on Education for Journalism; his establishment of the Freedom of Information Center; his pioneering efforts to establish a teaching television station; and his stubborn demands for excellence, which have made The Columbia Missourian a pre-eminent teaching newspaper.



Four Journalism Professors Receive Achievement Awards

Four professors from the School of Journalism received the first journalism faculty achievement awards at the recent Journalism Week banquet.

Mr. and Mrs. Joyce Swan, contributors of the new award fund, had specified that two \$1,000 awards be made each year for five years to professors chosen by the School of Journalism faculty. This year, a three-way tie for second place resulted in the distribution of one \$1,000 award and three \$350 awards.

John C. Merrill, professor of journalism, won the top stipend. Merrill, a specialist in international communication, is author of "The Elite Press: Great Newspapers of the World." He also has written the textbook "The Foreign Press."

Merrill recently accepted an appointment to a Special Chair of Journalism at the National Chengchi University in Taipei, Formosa, from September, 1970, through January, 1971. He has been at UMC since 1964.

The second-place awards went to

William B. Bickley, Dale R. Spencer and William Stephenson.

Bickley, professor of journalism, has taught at UMC since 1941. He received his B.J. in 1934 and his A.M. in 1935 from UMC. Currently he is managing editor of The Columbia Missourian, a daily newspaper of general circulation produced by the School of Journalism.

Spencer, associate professor of journalism, has been at UMC since 1950. He received his B.J. and A.M. from the School of Journalism and also has a J. D. from the UMC School of Law. A member of the Missouri Bar Assn., he has written several pamphlets on journalism and the law, and wrote a copyediting textbook, "Copy-editing at Missouri."

Stephenson, distinguished research professor of advertising, has been at UMC since 1958. He holds a Ph.D. in physics from Durham University and a Ph.D. in psychology from London University. He has written many books and tracts and won many accolades as a market researcher and psychologist in the U.S. and Great Britain.

Know Your University

The Japanese Stone Lantern, located on the grounds of the School of Journalism, was presented to the School in the fall of 1926 by Tsuneo Matsubaura, then Japanese Ambassador to the United States. The four-foot monument of historic design and interest was obtained through the efforts of Prince Tokugawa, president of the American Japanese Society of Tokyo, from an old estate near Zempaku-ji. The gift was made in recognition of the high service rendered in the Orient by graduates of the University of Missouri. The five pieces of granite which make up the lantern were quarried in the province of Mikawa, Japan.

Riding Mowers, Tractors Require Special Precautions for Safety

In a world that is becoming more and more mechanized, motorized lawn and garden equipment is enjoying considerable popularity. Such relics as garden spades, shovels, hoes and push mowers have been shelved in favor of a swarm of tiny tractors and riding mowers to handle countless handyman garden jobs.

Lawn and garden tractors look much like regular tractors, only smaller. They can be fitted with a variety of accessory equipment for mowing and snowplowing, for light grading, bucket loading, soil tillage, planting and spraying. Horsepower usually ranges from 7 to 14. Riding rotary power lawn mowers have the mower built on as an integral part. Smaller than the tractors, "riders" have from 3 to 6 h.p.

Placement and operation of controls vary considerably from model to model. Thus, when replacing an older machine or driving an unfamiliar one, a person should familiarize himself with its operation to avoid confusion with controls or a wrong response in case of emergency.

With the upswing in small tractor usage comes a rise in disabling, handicapping and fatal injuries. What kinds of accidents are happening?

A 3-year-old boy was killed when his mother backed over him while mowing with a small tractor. A 71-year-old man injured his leg when he tipped forward into a ditch. A child of four, playing 45 feet away, was struck in the head and killed by an ejected piece of wire. One man leaned over to pick up a rock and came up minus two fingers. Another man tried to steady his machine on a side-slope by putting his foot down; unfortunately, it came in contact with the blade.

The tractors are generally easy to

operate safely. Accidents can be prevented and you can enjoy the full utility of your machine with no loss of time.

Be sure you are alert and in the right frame of mind before starting the job. Fatigue, worry, illness, drugs and alcohol work against safety. Wear sturdy shoes — not thongs or house slippers — to help reduce the possibility of amputation. Eye protection is also recommended. Occasionally rocks, pieces of wire, glass or other objects fly out of a mower.

Insist that small children be out of the work area. Ask all bystanders (young and old) to stay away from the running machine. If you have small children, be watchful, especially before backing up. Always look behind and don't move until you know it's clear.

Other tips:

Read the owner's manual. Note all operating and safety instructions. Know the controls and how to stop quickly.

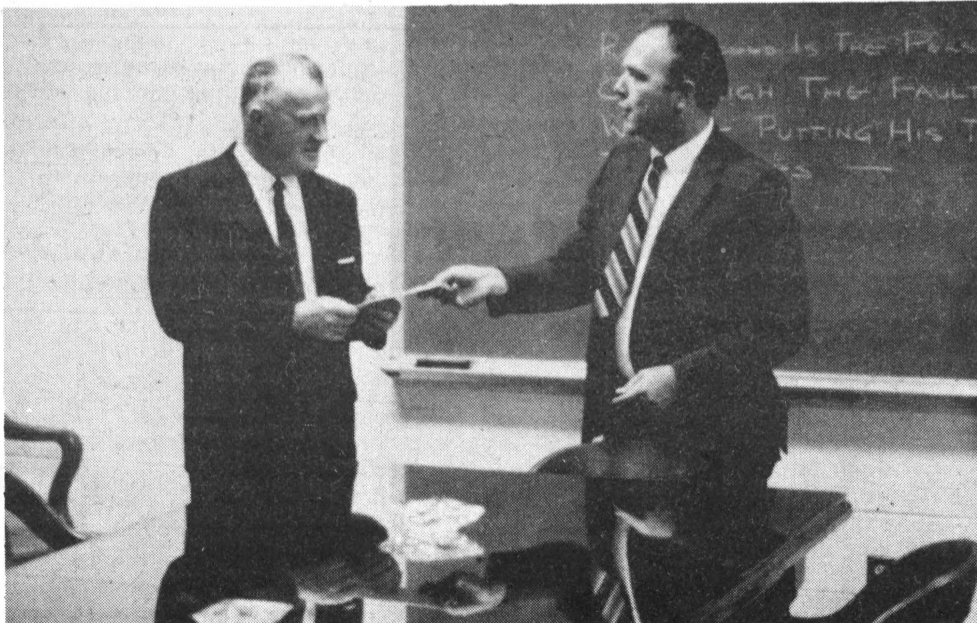
Disengage the power to any attachment and stop the motor before leaving the seat. When mowing, give the rotary blade ample time to stop before dismounting. Never put your foot to the ground while moving.

Reduce speed when turning sharply and on all side slopes to prevent tipping. Work up and down slopes if possible rather than side slope. You are much less likely to overturn.

Don't stop or start suddenly when going up or downhill. Avoid sharp turns when going cross-slope.

Keep all guards and shields in place, including that over the PTO shaft.

Remove the ignition wire from the spark plug before working on the machine.



Hollis Fenton (left), assistant foreman in the Janitor Shop, Physical Plant, for five years, retired Feb. 16 after 17 years with the University. He is shown here with Jim Snodgrass, foreman of the shop, at a party held in his honor April 8.

Professor Seeks Better Battery for the Heart

Tick, tick, tick, tick . . . George, is that your heart beating on my radio?

If it is, George is probably an experimental animal and the radio is monitoring a battery that was surgically implanted in his body.

Allen W. Hahn, professor of veterinary medicine and surgery and investigator at the Space Sciences Research Center, is creating just such a situation in Veterinary Medicine laboratories.

He laughs when he explains this part of this work. "Total radiative strength of the battery-powered transmitter is 20 microwatts. Your local TV station broadcasts on about 200 kilowatts or several thousand million times greater. Ours has a broadcasting range under five feet."

Hahn's research is supported by the National Heart Institute. It specifically deals with the development of a power cell or battery that will be able to power electrical devices within the body for long periods of time.

After completing his D.V.M. degree at the UMC School of Veterinary Medicine, he became interested in spontaneously occurring congestive heart failure in dogs while at Auburn University and then at the University of Pennsylvania. He continued research in the two areas as he finished his Ph.D. in biomedical engineering at the Drexel Institute of Technology.

In the mid-1960's, Hahn began work with cardiac pacemakers, which create artificial shocks to stimulate contractions of the heart. Within the body there is a natural electric current that sends about 70-120 impulses a minute to the heart. But sometimes due to disease processes, nature fails to do her job. Then a battery-powered mechanical device may be placed near the heart to simulate the natural impulses.

As well as powering cardiac stimulators, power cells are used for telemeters, devices which sense and transmit biological information such as

body temperature, heart and respiratory activity.

"The astronauts used them in space and they can be put in animals to gather data without the encumbrance of wires and machines," Dr. Hahn continued. However, the life-length problem that hinders cardiac devices is again present. Telemeter batteries may last only two weeks or a maximum of three months.

Here is the gist of Hahn's study. He is attempting to develop a power cell of long-life that can be safely implanted in the body. Several years ago two graduate students studying with him at Drexel stumbled onto an opposite-metal power circuit that could conduct electricity within a living creature by utilizing the natural saline solution within the body.

When Hahn returned to UMC in 1969, he continued with the studies and has developed a power cell with a negative pole of aluminum (the anode) and a positive pole of platinum black (the cathode). . . he experimented with many metals and found that zinc corroded rapidly and stainless steel soon lost its ability to act as part of the cell.

However important the metals are, the body saline solution of electrolytes is the key. The aluminum end of the battery creates positive aluminum ions flowing away from that terminal. The platinum black pole takes oxygen from the surrounding body tissue and converts it in small amounts to electrons flowing in the opposite direction.

The platinum black works on the same principal as a fuel cell and coupled with the aluminum anode becomes a hybrid cell. It takes its fuel in the form of oxygen from body tissue and then uses the body solution as an electrolyte like a battery.

When the power cell nears perfection, it should be able to power a telemeter or cardiac pacemaker for an

extremely long length of time. However, before that stage is reached, there are some kinks that need to be worked out.

First is the problem of the aluminum dissolving in the body. It dissipates little by little into the body fluids. The platinum black takes its energy from the body which replenishes itself so there is little problem with that metal.

The body itself presents problems to investigators. It tends to encapsulate the cell in fibrous body tissue. It seems that the body's reaction to foreign matter is proportionate to the amount of current produced. The more current, the more tissue. To solve this problem, a method of decreasing the current and increasing the voltage needs to be found.

Along with the tissue problem, the means of increasing the voltage is a definite drawback. The standard pacemaker produces about six volts, but Hahn's pet project produces not more than nine-tenths of a volt.

Presently a variety of cells are in an oxygen-controlled environment undergoing testing. They are immersed in a 38 degree salt solution or other controls, then various environments are simulated. A technician collects data twice a day, but the data collection will soon be automated and gathered every hour by computer.

Working with Hahn on the project are R. E. Hoffer, associate professor of veterinary medicine and surgery, and Jeffery Cooper, a graduate student in chemical engineering.

Hoffer does the actual surgical work necessary to implant the electrical cells in laboratory animals. He first creates

an artificial pouch, usually in a belt of muscle, then allows the animal to adjust to that for about five weeks. After that the test cell is implanted.

And the tick-tick-tick-tick begins with George's heart beating away on the radio band.

Jeff Cooper, a graduate student in chemical engineering who assists Hahn, takes a daily reading on Al in whom Hoffer has recently placed a battery.

New Division Seeks Director

A four man committee consisting of two appointed and two elected representatives has been activated by Arts and Science Dean Armon F. Yanders to develop a list of potential candidates for the position of director of the division of biological sciences on the Columbia campus. The committee consists of Dean H. S. Goldberg (Chairman), R. N. Goodman, C. S. Gowans and G. Kimber.

In starting the search, the committee would like to consider the names and qualities of the putative director from as representative a list as possible. The committee is therefore asking all members of the faculty to submit to any member of the committee a list of names they would like to be considered or qualities thought desirable in a director. In order to facilitate the commencement of the search, the committee would appreciate receiving these names as soon as possible.

Steinhardt Named UMKC Head Of Public Information Office

William Steinhardt has been named director of the Office of Public Information at UMKC, Chancellor James C. Olson has announced.

Steinhardt, currently serving as director of public affairs at Ohio University, will begin his new assignment June 1. He replaces Stephen Sinichak, who resigned earlier to pursue studies leading to a Ph.D. degree at Southern Illinois University.

As director of public information, Steinhardt will work directly with the Chancellor and will be responsible for various public relations activities of UMKC, involving both internal and external groups. He will direct the University news services, publications, community relations, special events and other informational activities.

"I am extremely pleased to have a person with the strong professional background of Mr. Steinhardt for this position," Chancellor Olson said in announcing the appointment. "His two decades of experience will be extremely valuable to us in strengthening our com-

munications program as well as providing a better understanding of the University's needs and goals in the community and elsewhere."

Before coming to Ohio University last year, Steinhardt was director of public relations at Bentley College in Boston and Waltham, Mass., from 1964-69.

Steinhardt holds a master of arts degree in literature from Columbia University (1952) and a bachelor of arts in English from Ohio University (1950). He also attended Educational Alliance Art School in New York City (1942-46).

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 307-309 Hitt St., 449-8591, or Room E27, Medical Center, 442-5111 ext. 665. The following are representative of available openings:

Secretary-Stenographer
Secretary
Art Director
Foreman—Tin and Roofing
Senior Research Technicians
Locksmith III
Medical Center:
Food Service Attendant
Custodians
Maids
Cost Analyst
Pharmacist (2)
Chief animal technician

Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.

New Pre-Retirement Program Draws Favorable Reactions

Two groups of UMC employees — one faculty and senior administrative staff and the other non-academic employees — are nearing the end of UMC's first seven-week program on "Planning For Retirement."

Each group consists of about 20 persons and their spouses who are nearing retirement from the University. Persons in each group have expressed pleasure and satisfaction with the sessions. "We're getting some real professional advice and learning about some advantages — as well as some things to watch out for," says one couple.

The groups meet one night each week, the non-academic group on Mondays and the faculty and administrators on Tuesdays in the Memorial Union. They meet at 6 p.m. for a meal in the Union Cafeteria and then move to the meetings which last from 7-9 p.m.

Each meeting features a speaker who is an expert in some phase of retirement planning and who answers any questions in his area the groups might have.

Speakers and topics in the series include Boris Steiman, regional representative of the National Retired Teacher's

Assn. and American Assn. of Retired People, speaking on the changing roles in retirement; Sherwood Baker, chief, Section of Medical Practice, on good health in retirement years; Henry Lowe, professor of law, on legal affairs; Frank Berstler, manager, branch office of the Social Security Administration, on social security benefits; Edward Metzen, professor of home economics, on financial planning and living arrangements; Arlin Epperson, instructor in parks and recreation administration, on recreation and leisure time; Donald Holm, professor of management and chairman of the Retirement and Staff Benefits Committee; and John Graves, manager of University staff benefits, on the University's retirement program.

Mr. and Mrs. John Jordan are typical of the non-academic employe group. Both are enthusiastic about the program. "We feel we've really gotten something out of the program," says Jordan. "The people who have talked to us have given us some good ideas, for example, about money management and how to take better care of our health."

Ivan Anderson, assistant professor of community health and medical practice, attends the faculty sessions. He is also pleased. In Anderson's words, the program content is "quite meaty and has caused my wife and me to take a fresh look at some of our plans. We've especially gained from topics which cover things so obvious that people seldom think about them — things like simple home safety procedures like maintaining a safety rail on stairs and fastening down throw rugs to prevent accidents."

Henry Bent, professor of chemistry and dean emeritus of the Graduate School, says he uses the meetings to simply pick up details for planning since he has already carefully planned his retirement.

Parking Lot Full?

What should a staff or faculty member do if he arrives at his assigned parking lot and finds it completely filled?

According to the Traffic Safety and Security office, the following steps should be followed:

1. Drive to the nearest parking lot where space is available and park there.
2. Do not park in a driveway, loading zone or any other restricted area or in the 30 minute spaces reserved for visitors from other lots.
3. After parking, call the Traffic Office, 900 Conley Ave., and report where you have parked.

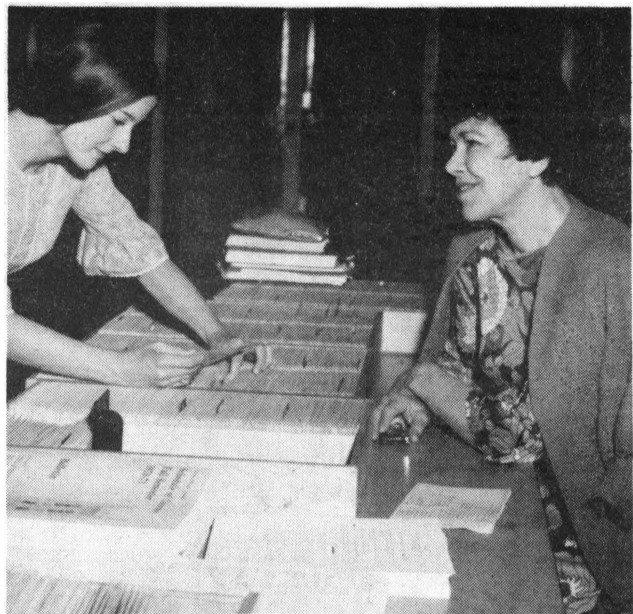
Wrong Tarantula

Whoops! We goofed — kinda . . .

In an article in the April 17 issue of Campus Columns — "Bees, Spiders are Summer Safety Hazards" — it was stated that "the American tarantula isn't even a spider — it's a tailless whip scorpion" whose bite is "no more dangerous than a pin prick."

The statement, taken from a National Safety Council publication, is not correct, according to members of the zoology and entomology departments.

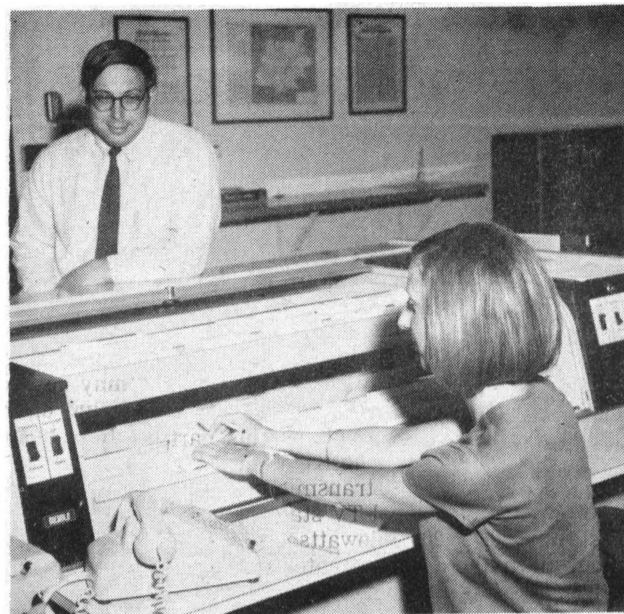
There is a creature, named tarantula, which is a tailless whip scorpion, but it is not found in the United States. The animal found in the southwestern sections of the U. S. called tarantula (scientific name: *dugesiella*) is a spider and can bite. Its bite is described as "rather innocuous" by Curtis Wingo, professor of entomology.



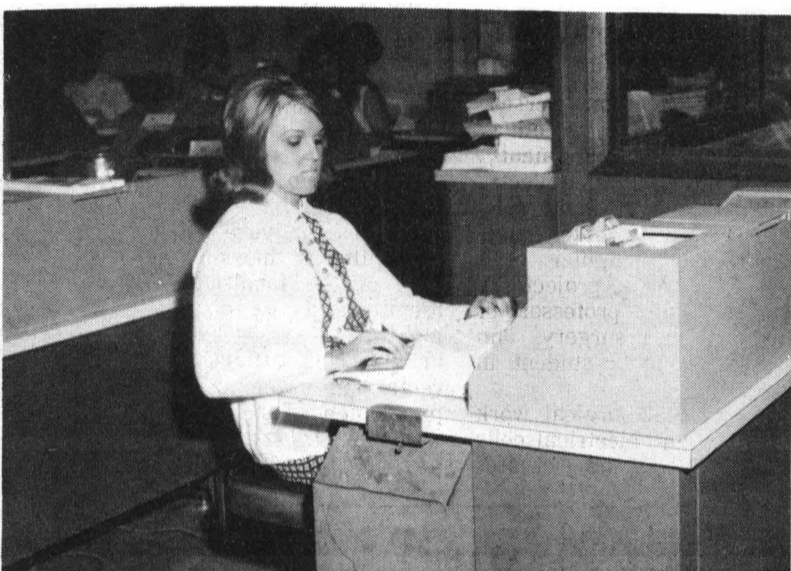
Mary Hauber helps student with packet at Arts and Science Dean's Office.



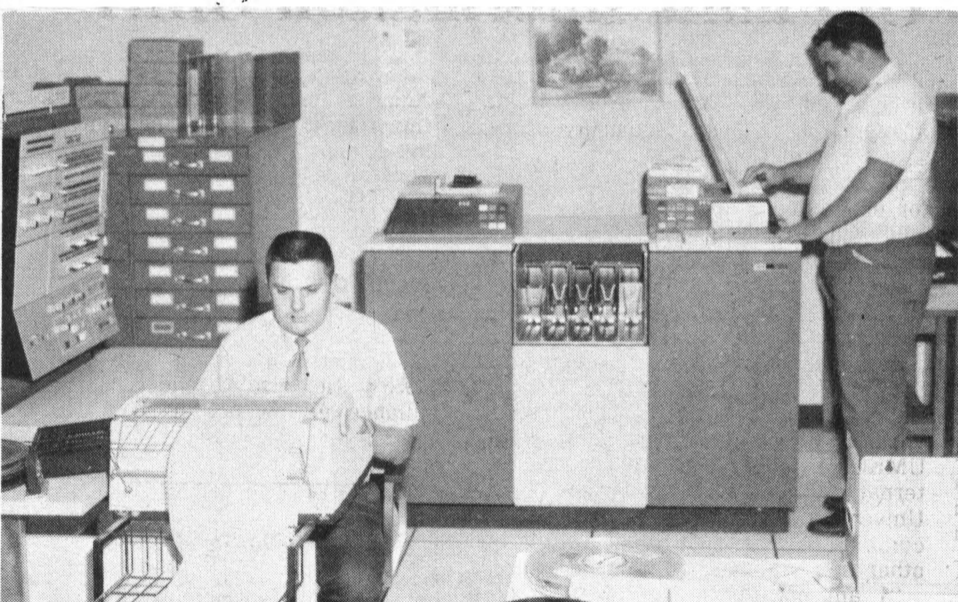
Dorothy Rogers, Registration Office, helps student with a course problem.



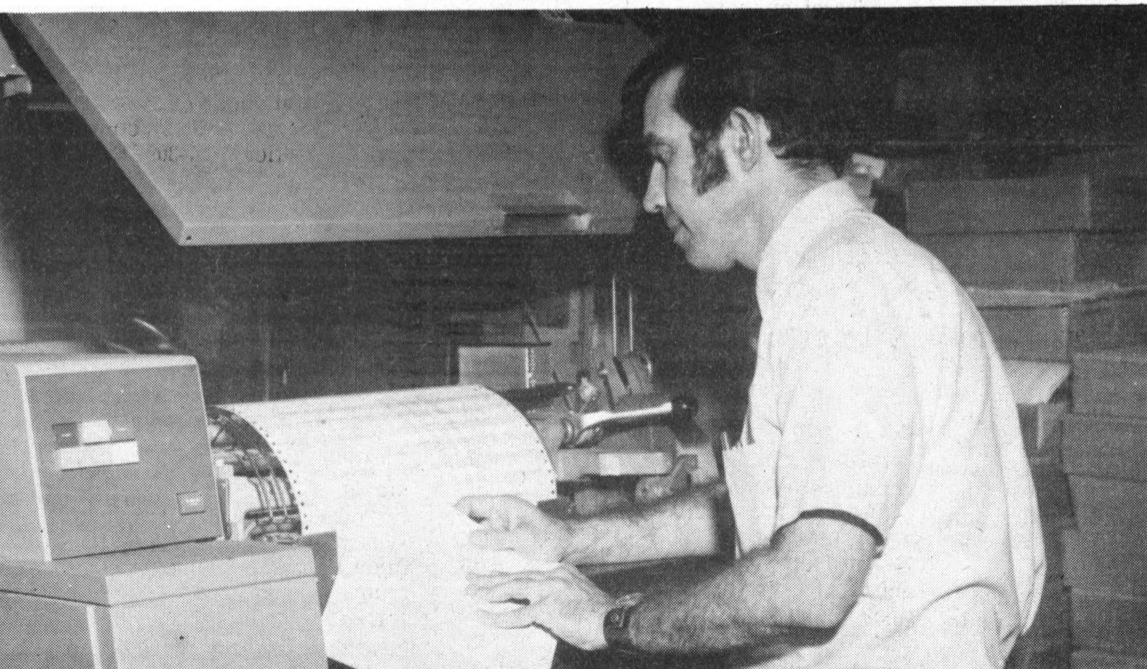
Nancy Knepper, Registration Office, checks students enrollment.



Vicki Scott, Data Processing, punches student's course cards.



Bill Cremer, left, and Marvin Newbrough, Data Processing, process registration cards.



Ken Walton, Data Processing, checks completed registration lists.



Mildred Hunter, Cashier's Office, stamps a completed form as paid.

Advanced Registration

The advanced registration process, one of the most important procedures in the eyes of many students, involves employees all over campus.

The procedure begins when the student picks up and fills out his registration form at his dean's office, requesting certain courses. The completed registration packets are returned to the dean's office, then forwarded to the registration office. The Registration Office makes a final check of the packets for completeness and readies them for machine processing.

When the packets are received at Data Processing, course cards are prepared for each student's class choices and matched against the "Course Master," thus registering the student in the course. Completed registrations including fee billing forms, are then forwarded to the Cashier's Office.

Fee statements are mailed to the student from the Cashier's Office. When the fee is paid the student is sent a receipt and a copy of his course schedule. Completed forms are forwarded to the Registration Office.

Whenever there are problems with a student's registration — incomplete course information on the student's form or a closed course — Data Processing sends the packet back to the Registration Office. The student is informed of the problem and a solution is worked out.

Job in the Spotlight

Robinson Prefers Prevention to Enforcement

One of the familiar faces on campus, both to staff and students, is that of Harold G. Robinson Sr., who as a lieutenant and investigator in traffic safety and security is apt to be found anywhere the action is.

One thing he likes best about his job is that he is seeking to prevent rather than to enforce law violations.

"If we can keep a freshman out of trouble through his four years in school, then we are doing our job," he explains.

Lt. Robinson regards law enforcement as a profession and he compares his present duties with two years on the military police force at Ft. Leonard Wood.

"The experiences are similar," he

said. "In both cases I deal with youth, probably away from home for the first time, who become mischievous not by choice but by chance, and who are more likely to drift into trouble than go out looking for it."

He rates the UMC students as the "best in the country, barring none."

"We just don't have any major problems," he said. "A few issues are acted on too quickly by a few, but as a group, the students and the administration are good. Some need to consider avenues of approach, and at times we, like their parents before us, we have to let them know who is boss."

Robinson joined the UMC traffic safety and security staff on April 1, 1964, after serving on the Columbia police force. He likes his campus position better because it involves crime prevention rather than "finding a culprit."

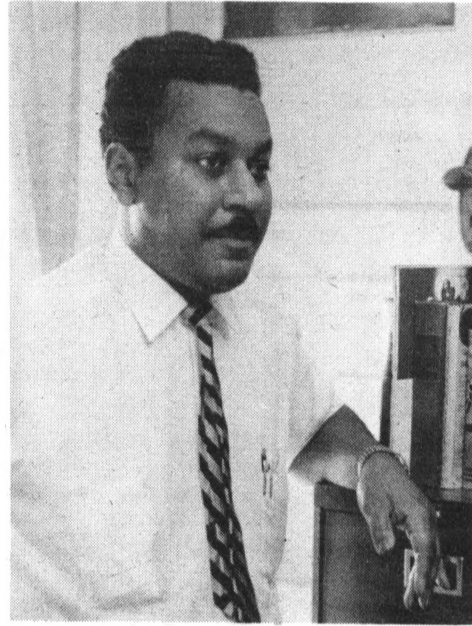
Technically he also is involved in crimes against the university property or person by students, faculty or staff. About 70 per cent of his activities involve students. One of the ticklish problems is dormitory thefts, determining the fine line between borrowing or theft.

Unofficially he is a good will ambassador. He is called on regularly to dine and talk with residence hall, fraternity and sorority groups and thinks he helps bridge the gap between staff and students. He has been intermediary on several occasions at working out misunderstandings that develop chiefly from misinformation. Also to gain recognition as a professional rather than a "campus cop." Lt. Robinson invites students to the traffic safety office, even to "ride shotgun" with officers on their rounds.

"We want to make the community a better place to live, to remove as many barriers as possible, to be a friend and not an enemy to students," he explains. "One misunderstanding that most students have about our office involves our duties; we deal with law violations, not rules violations, even though occasionally we do become involved with rules violations that might become serious."

Lt. Robinson doesn't disapprove of orderly demonstrations, but does want them to have some leadership that can offer guidance if things appear to be getting out of control.

Since joining the UMC staff, Lt. Robinson has worked under Bernard Brannon and Harvey Cottle as directors. With his wife and four children he lives at 11 Quaker Circle. He is active in the Masonic Lodge and recently became a member of the Sunrise Optimist Club. If he has any hobbies it is being a sports spectator, although he does admit to doing a bit of gardening.



HAROLD ROBINSON

What Friends Are For

Friends Assist Scheibly, His Wife in Hours of Need

"Every time we needed help they were there," said Wayne Scheibly. He was referring to actions of Medical Center maintenance department employees and friends since his home was levelled by an explosion April 2.

Scheibly's wife was in the house when it exploded late in the afternoon. Wayne says she is in fair condition though she will be in the hospital for several months.

A carpenter who has been employed at the Medical Center since 1961, Scheibly says he was amazed—and thankful—for two things about the explosion. The first was that, though many neighborhood children often play in or near his yard, only one or two minor cuts were received by the kids.

The second is the big assist, in terms of work and money, provided by UMC and Medical Center workers generally and by maintenance department personnel particularly.

Between 75 and 100 people turned out the Saturday after the blast to help. Scheibly's insurance company estimated the cost of clearing the rubble-filled lot would be \$1,200. The carpenter's friends and fellow employees saved him the charge by clearing it for him.

Some brought trucks, Nowell's and Sav Mor supermarkets provided food, wives prepared it, everyone worked and a local contractor, B. D. Simon, supplied a place to dump the debris.

Help has come in the form of money also. From maintenance department workers, from friends in and out of UMC and from people Scheibly has worked for over the years—some of whom he cannot

remember—gifts have come. They total almost \$2,000, including \$800 from friends and co-workers donated through a fund established by maintenance employees.

Scheibly says he got one check for \$200 from a doctor he can't remember who now lives in Columbus, Ohio. But, says Wayne, "I'll go see him some day and I will remember. I want to thank personally each person who has helped my wife and I."

"We wish to express our sincere gratitude to the many people of the medical center, friends and neighbors who contributed so much to us during our recent loss."

Mr. and Mrs. Wayne Scheibly

Help came in other ways. His neighbors, Mr. and Mrs. Guenzel, fixed up their recreation room—"very comfortable quarters," says Wayne. Forum cleaners cleaned clothing that could be salvaged. Friends and wives of friends sat with Mrs. Scheibly during many of the early, trying days.

But Scheibly is looking ahead now. "I intend to build again," says Wayne. "We can't do much until my wife is better, but we do want to rebuild."

Scheibly has had offers to assist him in that effort. Contractors have said they will assist in constructing the new home, as have many friends. "Some of the best carpenters in Columbia work right here in the Medical Center," says Wayne.

Whatever happens, Scheibly says he will always be thankful for the people who came to help when he and his wife needed it.

1971-72 School Year Calendar OK'ed by Committee of Deans

UMC will break tradition with the opening of the 1971 school year by starting classes in August, conclude the fall term at the Christmas holidays, and have commencement exercises in mid-May.

Chancellor John W. Schwada has announced the revised calendar after approval by the Committee of Deans. Previously a special committee, the faculty as a whole, and the Board of Curators had approved the change.

Schwada emphasized, however, that the change is not effective until the 1971-72 school and that classwork for next fall will begin Spet. 17.

"Because of scheduling of such special weeks as those conducted annually in agriculture, business and public administration, arts and science, education, law, engineering and journalism and the scheduling of junior college and high school programs as well as other conferences on the UMC campus, it is mandatory that we adopt a calendar well in advance to help others with their scheduling problems," he says.

As finally approved, the 1971-72 calendar includes:

1971

Aug. 25-26—(Wednesday and Thursday) New Student Orientation

Aug. 26-27—Registration.

Aug. 30—Classwork begins, 7:40 a.m.

Nov. 24—Thanksgiving Recess begins, 5 p.m.

Nov. 29—Classwork resumes, 7:40 a.m.

Dec. 14—(Tuesday) Classwork First Semester ends, 5:30 p.m.

Dec. 15—Stop Day

Dec. 16—Final Examinations begin

Dec. 23—First Semester closes, 5:30 p.m.

1972

Jan. 13—(Thursday) New Student Orientation and Registration

Jan. 14—Registration

Jan. 17—Classwork begins, 7:40 a.m.

March 11—Spring Recess begins, 12:30 p.m.

March 20—Classwork resumes, 7:40 a.m.

May 6—Classwork Second Semester ends, 12:30 p.m.

May 8—Final Examinations begin

May 15—Second Semester closes, 5:30 p.m.

May 16—Annual Commencement

Summer Session

June 12—Registration and Orientation

June 13—Classwork begins, 7:40 a.m.

July 4—Independence Day recess

Aug. 4—Summer Session Closes, 5 p.m. Summer Commencement Evening.

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International Directory Lists UMC Faculty, Administrators

A 1970 revision of a "Directory of Faculty With International Qualifications" provides an expanded list of faculty and administrators who may be called upon for expert consultation or assistance relating to other areas of the world.

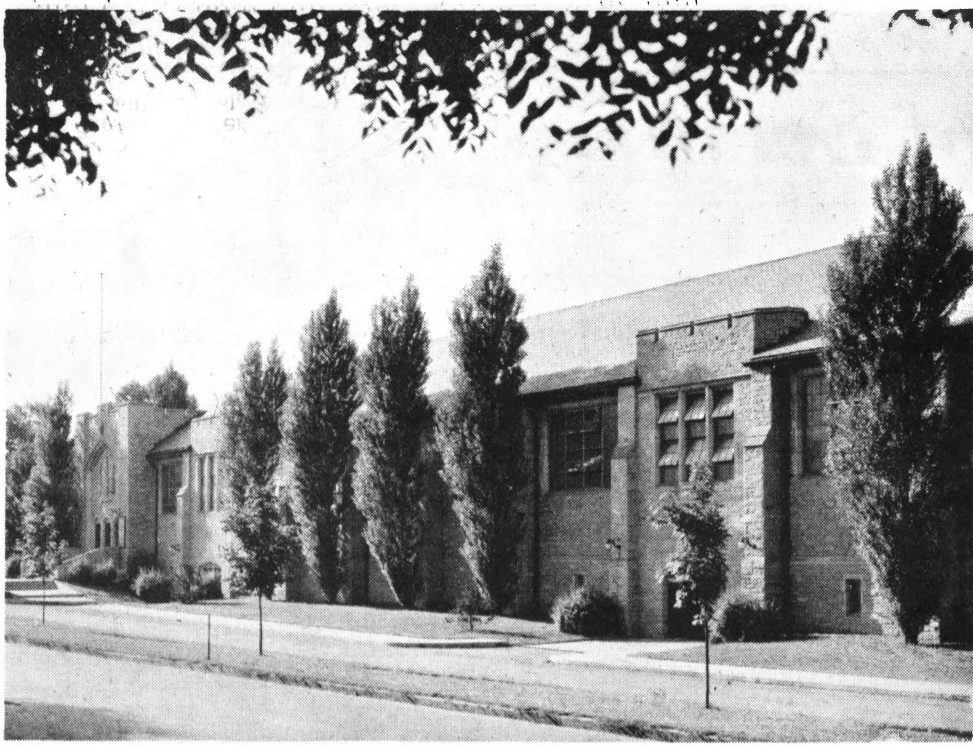
The directory adds more than 100 entries to the first edition, published in 1969. Both editions were edited by Edmund A. Ford, director of UMC's Center for International Studies, and were compiled from responses to questionnaires distributed to all UMC faculty and administrators.

The directory's principal section is an alphabetical listing of nearly 500 faculty and staff, including resumes of their specialized academic interests, field experiences, selected writings and other relevant features of their backgrounds.

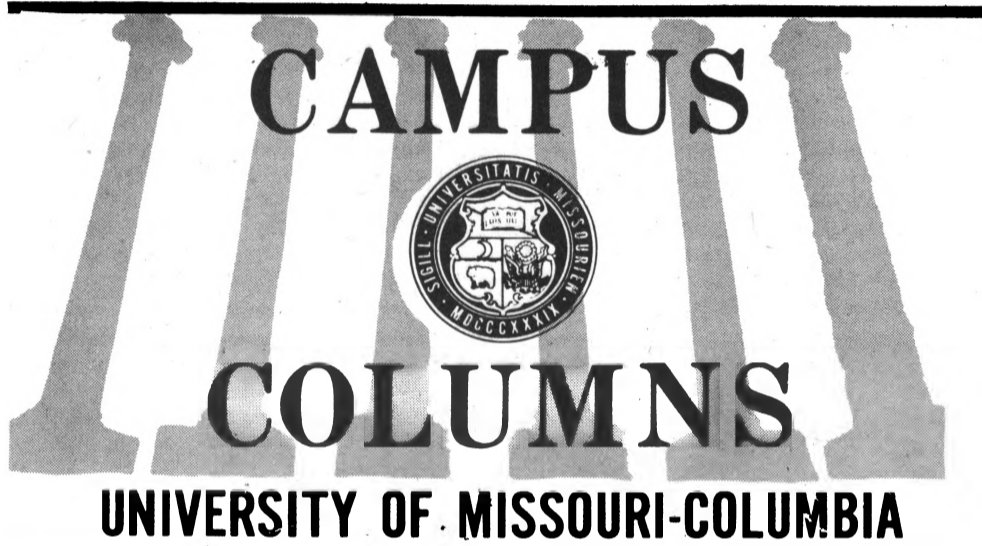
Also, each resume indicates the geographic area of the world in which each person has field experience.

UMC administrative officials are listed in the opening section. The final two sections list faculty and staff by departments and by geographic areas in which they have experience.

The directory's purpose is to identify UMC's internationally qualified human resources, thereby easing and improving communication and cooperation among qualified UMC faculty and outside groups such as other universities, private foundations and government agencies. Impetus for the publication came from international recognition of UMC's reputation in teaching, research and service and the concern of UMC's faculty and staff for international education.



Brewer field house — a monument to past and present Mizzou athletes.



Vol. 1, No. 10

June 12, 1970

Evening Class Program Helps Many Employees

UMC's Evening Class Program, combined with the University's Educational Assistance Program, has proven a boon during the past school year to many employees located on the Columbia Campus.

During the first semester of the past school year, 40 per cent (46 of 115) of the students enrolled in the regular Evening Class Program were employees taking advantage of the Educational Assistance Program which went into effect only last September. During the second semester, 31 per cent (32 of 102) were employees on the Educational Assistance Program.

These students were joined by several hundred regular full-time students allowed to take evening classes because regular daytime sections of classes were closed or for other reasons.

The Evening Class Program is actually an expansion of UMC's regular academic schedule, developed to help the University fulfill its primary function — teaching and providing learning opportunities to as many people as possible. It also makes more efficient use of teaching facilities. At the same time, the Educational Assistance Program's purpose is to encourage University employees to upgrade their knowledge and skills and thereby become more ef-

ficient and valuable in their work.

Under the program, full-time permanent academic and non-academic employees may register for not more than six credit hours per semester and be permitted to receive credit hours per semester and be permitted to receive credit for those courses.

The employee pays 25 per cent of the student incidental fee (the largest part of the total fees) and the normal amount of all other fees. No incidental fee is charged if the employee only audits the courses on his own or at the request of his dean or department head.

Employees must meet regular student admission requirements and file an application to enroll with the registrar and have the approval of their dean or department head.

The Evening Class Program enables many employees to take courses at the cheaper rate while not disrupting their normal working hours to attend class. Courses offered under the program are determined in part by expected enrollments. A list of courses requested by inquirers is kept to help determine which courses to offer.

Evening classes are not offered during the Summer Session.

Each regular semester, the classes which are finally taught are determined by the number of people who enroll in the courses originally offered. Due to financial limitations, those with insufficient enrollments are dropped. However, some courses — for example, English Exposition 60 and Fundamentals of Digital Computer Programming 104 during the last semester draw enrollments large enough to warrant teaching several class sections.

The Evening Class Program is administered through the Extension

(Continued on Page 6)

Brewer Era Filled With Fortune, Fame

O' Mizzou will put its last basketball team on display in Brewer field house this winter — terminating a 42-year tenancy in the storied structure.

The arena that has housed Tiger basketball and track contests since 1930, schoolboy championship events in both sports, wrestling, early indoor baseball workouts and football drills in bad weather — plus a spate of other University activities — will belong to the athletic ages once the Bengals' new multi-purpose auditorium is completed.

Barring a calamity, Coach Norm Stewart's incoming freshman squad will be using the 15,000-seat facility in the 1971-72 season.

The field house then will revert, in all probability, to the Physical Education department, providing more space for classes and indoor intramural sports.

Built during the depression at a cost of \$225,000, the Tiger field house was named for Chester L. Brewer, then director of athletics who spearheaded the project. Brewer, who died in 1953, was one of five men who formed a corporation to borrow the money needed to underwrite the construction. Other committeemen were: Leslie Cowan, Frank Rollins, R. B. Price and Sidney Stephens.

Those men pledged their personal fortunes," George Edwards, longtime basketball coach, recalled recently, "to pay off the bonds if gate receipts did not amortize the debt."

That crisis never materialized. Don Faurot's football teams in the late 30's and early 40's lured the crowds that helped retire the bonds.

Edwards, who took over the Mizzou basketball job in 1926, coached the first Tiger team in the field house — and it was a championship year. He was replaced by Wilbur "Sparky" Stalcup in 1946 — and Bob Vanatta arrived on the scene in 1962. Stewart succeeded Vanatta in 1967.

That '30 team, kingpins of the Big Six, was led by Marshall Craig, now a U.S. District Court judge in Caruthersville, and included such stars as Charlie Huhn, Harry Welsh, John Waldorf and Wendell Baker.

In the 30's, two of Mizzou's more renowned cagers were Norm Wagner, an all-conference center, and John Cooper, who pioneered the jump-turn shot.

"He was the first player I'd ever seen use that shot," Edwards notes. "It violated all the principles of shooting, but John perfected that technique and led the conference in scoring."

Edwards' second championship squad came along a decade later — the 1939-40 gang that tied Oklahoma and Kansas for the crown. John Lobsiger wheel-horsed that team — with such accomplices as

Blaine Currence, Clay Cooper — present assistant football coach in charge of the defensive backs — Harlan Kiersey, Martin Nash, Bill Harvey, Hal Halstead, Haskell Tison and Arch Watson among others.

Edwards' tenure initiated the long-standing coaching rivalry with Dr. F. C. "Phog" Allen of Kansas — which was perpetuated during the Stalcup era. One of the liveliest Mizzou-KU donnybrooks in Brewer — a bench-clearing melee in 1959 — was conducted for the benefit of a national television audience.

Another Tiger-Jayhawk game in 1947 was played under unusual circumstances. Because of a flu epidemic, it was decided to ban all spectators — students and the general public — from the contest; however, some 100-150 onlookers somehow managed to witness the quarantined game that was won by Kansas.

Brewer has withstood well the ravages of time and use. Termites have necessitated occasional replacement of sections at the north end of the elevated basketball court. About 15 years ago — during Stalcup's reign and at his behest — the original, interior gray walls were brightened with a light green paint. Later, the south and west windows were tinted to reduce late-afternoon glare on the court. Annually, the playing surface is refinished during Christmas vacation.

Capacity of the field house has been variously listed at 5,900 or 6,000, but of all the sellout crowds, probably none surpassed the turnout Feb. 16, 1957, when Kansas' celebrated sophomore — 7-ft. Wilt Chamberlain — made his first of two appearances in Columbia. Chamberlain scored 32 points — a field house record — in leading K.U. to a 91-58 victory before 6,000 spectators.

Thornton Jenkins, an A.A.U. all-American, and Dan Pippin — who captained the 1952 U.S. Olympic basketball champions — were two standout players at the tail-end of the 40's — while the 1950 decade spawned such all-Americans as Bill Stauffer and Stewart, and crowd-pleasers Charlie Henke and Joe Scott who carried over into the 60's along with Ray Bob Carey, Ron Coleman and Don Tomlinson, who bridges the current decade.

The 220-yard dirt track has accommodated thousands of athletes, too. And the "enduring" marks they erected will become part of the Tigers' athletic archives after this winter — when future indoor meets will be staged on a new artificial track in the multi-purpose arena. Crowd interest in dual track meets has waned considerably in recent years — but when Wes Santee came to

(Continued on Page 3)

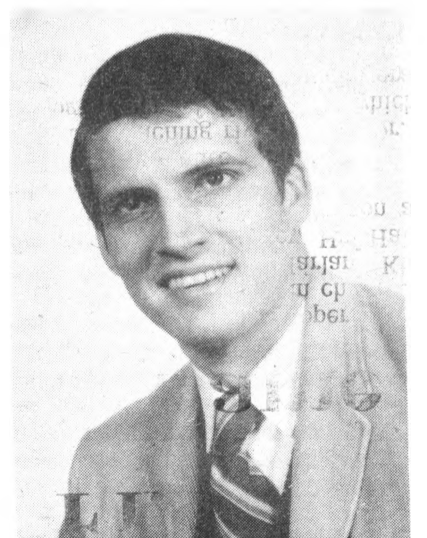
Hutchinson Joins UMC Staff As Assistant Personnel Officer

R. Kenneth Hutchinson, former assistant personnel officer at UMKC has been appointed assistant personnel officer at UMC. His appointment became effective June 1.

Hutchinson was employed at UMKC from April, 1966, to present. He was a personnel assistant there until January, 1969, when he became assistant personnel officer.

A native of Salisbury, Mo., Hutchinson received a bachelor of science in business administration degree from Northeast Missouri State College, Kirksville, in 1964, and a B.S. in education (Psychology) from the same school in 1966.

Hutchinson is a member of the American Society of Personnel Administration and the College and University Personnel Assn. Until recently, he was a member of the board of directors of the Personnel Research Forum of Greater Kansas City.



R. KENNETH HUTCHINSON

Holiday July 3

UMC will observe July 3 as the Independence Day holiday. In line with current University policy, all offices will be closed. Arrangements will be made to carry through all services which cannot be temporarily suspended.

Calendar of Events

LECTURERS, SPEAKERS

July 7: Jerry Footlick, Newsweek education editor, to speak, 10:40 a.m., Jesse Auditorium. Sponsored by Student Activities.

CONCERTS, PLAYS

June 30: Eugene Grafovich, faculty violin recital, 8:15 p.m., Recital Hall. Sponsored by the department of music.

July 6, 9: "A Thurber Carnival," 8:15 p.m., University Theatre. Summer Repertory Theatre Production. Ticket: \$2. Season Ticket: \$5.

July 7, 10: "The Empire Builders," 8:15 p.m., University Theatre. Summer Repertory Theatre Production. Ticket: \$2. Season Ticket: \$5.

July 8: "A Flea in Her Ear," 8:15 p.m., University Theatre. Summer Repertory Theatre Production. Ticket: \$2. Season ticket: \$5.

FILMS, EXHIBITS

June 16: Student Activities Film: "Grand Illusion," 7 p.m., Jesse Auditorium.

June 17: SA Film: "The Blue Angel," 7 p.m., Jesse Auditorium.

June 18: SA Film: "Shoot the Piano Player," 7 p.m., Jesse Auditorium.

June 19 and 20: Family Film: "A Big Hand for the Little Lady," 9 p.m., Friday at University Village, Saturday at University Terrace. In case of rain, film will be shown in Memorial Union Auditorium.

June 24: SA Film: "Citizen Kane," 7 p.m., Memorial Union Auditorium.

June 26 and 27: Family Film: "Cheyenne Autumn," 9 p.m., Friday at University Terrace, Saturday at University Village. In case of rain, film will be shown in Memorial Union Auditorium.

July 1: SA Film: "Twentieth Century," 7 p.m., Memorial Union Auditorium.

July 3 and 4: Family Film: "Born Free," 9 p.m., Friday at University Village, Saturday at University Terrace. If rain, Memorial Union Auditorium.

July 5: SA Film: "Cool Hand Luke," 8 p.m., Jesse Auditorium.

July 8: SA Film: "Notorious," 7 p.m., Memorial Union Auditorium.

July 10 and 11: Family Film: "The Music Man," 9 p.m., Friday at University Terrace, Saturday at University Village. If rain: Memorial Union Auditorium.

June 15 to July 1: Exhibit: Matthew Brady exhibit, Brady Commons Gallery.

July 6-31: Faculty-Student Art Exhibit, Brady Commons Gallery.

July 7-Aug. 7: People and Places Exhibit, Brady Commons.

CONFERENCES, INSTITUTES

June 15-19: Contemporary Issues in Nursing Conference, Rodeway Inn. Sponsored by the School of Nursing.

June 15-July 3: Community Development Accelerated Conference, Memorial Union.

June 15-Aug. 7: Summer Institute in Chemistry and Physics for secondary school teachers. Held by the department of chemistry.

June 23-25: Conference on trace substances and environmental health, Memorial Union. Sponsored by the Environmental Health Center.

June 24-26: Lee Enterprises Seminar, Neff Auditorium. Sponsored by the School of Journalism.

June 29-July 3: Publications Conference, Memorial Union. Sponsored by the College of Education.

July 8-10: Missouri Extension Homemakers Conference, 8 a.m., Memorial Union. Sponsored by the School of Home Economics.

COURSES, WORKSHOPS

June 12-13: Workshop on Structural Design Using Optimization Tools, B&PA Building.

June 15-19: School Food Service Courses, Hickman High School. Sponsored by the School of Home Economics.

June 15-26; July 6-17: Workshop in engineering and computers for high school students. Sponsored by the College of Engineering.

June 15-July 3: Workshop in Community Development for professionals. Sponsored by the department of regional and community affairs.

June 15-Aug. 7: Summer field training course in environmental sanitation, Physics Building. Sponsored by the College of Engineering.

June 16, 18, 23, 25, 30, July 2, 7, 9: Rapid Reading Short Course, 7 p.m., 2-7 Agriculture Bldg. Sponsored by the Testing and Counseling Service.

June 22, 24, 25, 29, July 1, 2, 6, 8, 9: PL-I, 4:30 to 5:30 p.m., Math-Sciences Bldg. Sponsored by the Computer Center.

June 22, 24, 25, 29, July 1, 2, 6, 8, 9: Fortran, 4:30 to 5:30 p.m., Math-Sciences Bldg. Sponsored by the Computer Center.

June 22-July 3: Inservice Workshop for Music Teachers. Sponsored by the department of music.

June 22-July 11: Methods of Teaching Language, Composition and Literature, 8 a.m., Sponsored by the College of Education and the department of English.

DEADLINES, OTHER EVENTS

June 15: Registration and Orientation, Summer Session.

June 15, July 6: Orientation for New Employees, 2 to 5 p.m., S204 Memorial Union. All new employees should attend one session. For further information, contact Personnel Services.

June 16: Classwork begins, 7:40 a.m.

June 16, 30, July 7: News Forums, 2:40 p.m., Memorial Union Auditorium. Sponsored by Student Activities.

June 19: Deadline for stories for next Faculty Bulletin.

June 21-July 3: All State Music Camp. Sponsored by the department of music.

July 3: Deadline for stories for next Campus Columns.

July 3: Holiday for University employees.

July 4: Classes dismissed for Independence Day holiday.

TO LIST EVENTS ON THIS CALENDAR:

Send item with time, date, place, sponsor and other appropriate information to Campus Columns, 223 Jesse Hall. Deadline date is listed above. Calendar covers campus events of interest to employees for the upcoming month.

Freshman to Preregister This Summer for Fall Classes

The pressure will be off next fall for 3,000 entering freshmen at UMC who are scheduled to attend one of 15 "Summer Registration and Orientation" programs in June and July.

Under the direction of the Office of the Dean of Students, the program will be repeated 15 times, each session designed to handle 200 students.

Last year's summer registration-orientation program was the first at UMC and was considered very successful by the students and the UMC administration. L. Sandy MacLean, UMC assistant dean of students and assistant professor of education says, "In evaluation of their attitudes last year 86 per cent of the attending freshmen said it was a good orientation, and 98 per cent said they would recommend it to future UMC students."

The entering freshmen will arrive the first evening for check-in and a brief introduction to the registration-orientation program's two-and-a-half days of counseling, advising and questioning. Upperclassmen will be on hand to help orient the new students.

The first full day of meetings will include "Orientation to your College" where UMC academic deans and directors will meet with prospective students to inform them of their respective purposes and programs.

The 15 summer sessions are scheduled to start on the following dates: June 28, 29, 30; July 5, 6, 7, 8, 12, 13, 14, 15, 19, 20, 21 and 22.

The entering freshmen will also have the opportunity to register for classes, thereby having a better chance to get a good class schedule than if they had waited until September.

An innovation has been — "To Become Acquainted." In the first night, T&C will use group procedures in order to quicken and enhance the acquaintance process among the new students. MacLean says, "T&C hopes to bridge a friendship gap in two hours what normally takes two days."

The many advantages add up to a more relaxed, self-confident start of a college career at UMC.



Recipe Of The Month

The following recipe is a favorite of the family of Martha J. Boyer, nutrition education assistant from Butler County:

BUTTERMILK PIE

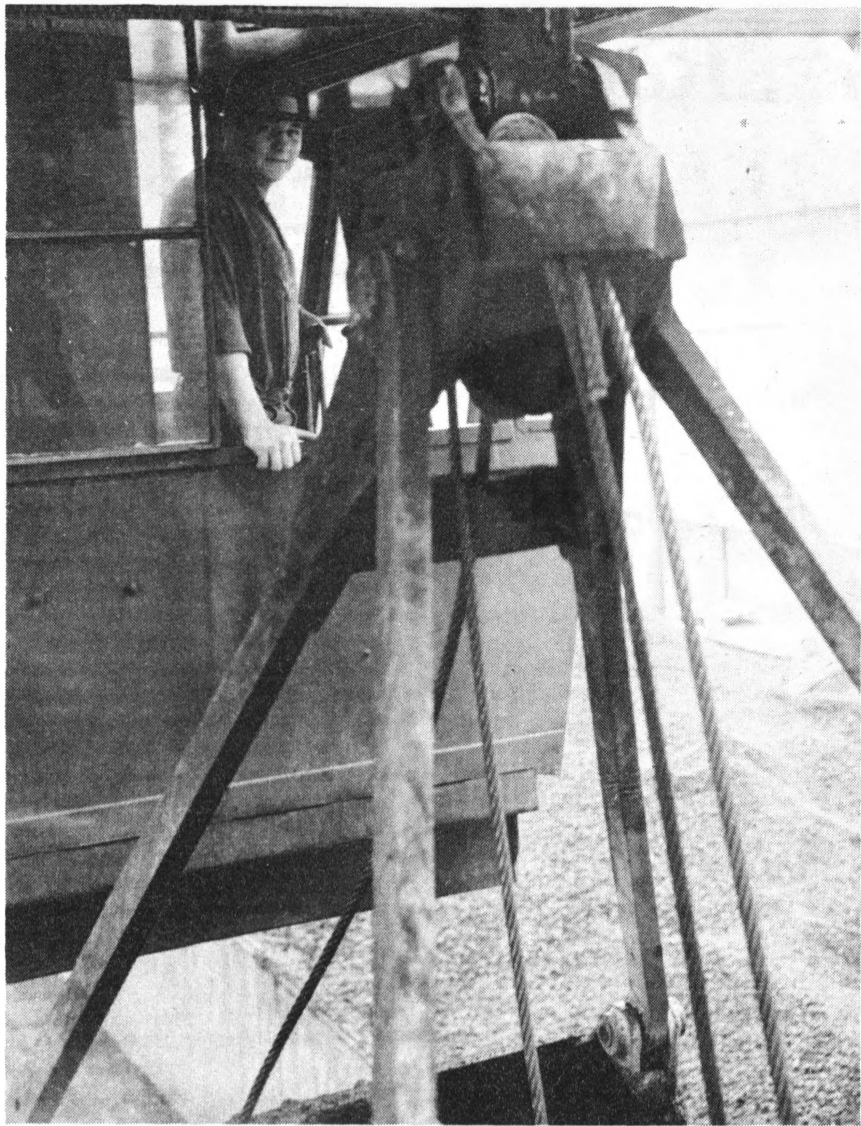
- 4 tbsp. flour
- 4 tbsp. cold water
- 3/4 cup sugar
- 2 eggs separated
- 1 c. buttermilk
- 2 tbsp. butter
- 1 tsp. vanilla (optional)
- 1 pie shell, baked

Mix flour water, sugar, and egg yolks; add buttermilk and butter. Cook in double boiler until creamy. Add vanilla. Cool, pour into baked pie shell. Top with meringue made from egg white. Bake 325 degrees until browned.

(Do you have a favorite recipe you'd like to share with Campus Columns readers? Send it to Campus Columns, 223 Jesse Hall.)

CAMPUS COLUMNS

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Editor: Kay Mariea



Dudley Brown in his "office," perched high above coal bin.

Job in the Spotlight

Brown: Responsible For 'Power' at UMC

Dudley Brown is one of a small group of men who, in a real sense, run the university. On an average day, he will move about 600 tons of UMC property—and he will do it without taking a step.

Of course Dudley has help. He has the assistance of men familiar with the job to be accomplished and he has the tools necessary to do it. Dudley is one of two crane operators at the UMC physical plant who move the coal which eventually supplies the power to light and heat the campus.

Twenty-five years-old, Dudley is married and the father of four boys ranging in age from six months to seven years. He will have been a UMC employee five years this August.

His job and that of Harold Butcher, the other crane operator and a 14-year employee, is to move the tons of butuminous or soft coal used to power the university.

Dudley and Harold use a three and one-half ton capacity crane attached to a one and half ton bucket to move the coal from the point where it is dumped by coal company trucks to a storage and reserve area and from there to the coal hopper when it is needed.

From the hopper the coal moves by elevator to huge bins in the upper floors of the power plant and eventually to the furnaces which make steam to heat buildings and drive electricity-producing generators.

When he came to UMC, Dudley had no previous experience in crane operation nor with any type of heavy machinery. As a trainee he showed interest in the trade and his forman, Nelson Bell, gave him the job. Bell says that learning

crane operation is a part of each new employee's training, but Dudley took a liking to it.

To accomplish their seven-day-a-week job, Dudley and Harold split the weekend work. Dudley takes off Friday and Saturday and Harold is off Sunday and Monday.

A native of Crocker, Mo., Dudley says he "intends to stay as long as they'll put up with me." He says he enjoys his job except when the lines which supply power to the crane become covered with ice in the winter. He explains that the lines have to be free of ice and that the way to do it is to melt the ice with a torch. "That's no fun," Dudley says.

Before coming to UMC, Dudley was a jet mechanic with the Navy at Ream Field, Calif. He says he didn't do much mechanic work though because he was boxing.

Dudley represented the 11th Naval District (San Diego) as a light-heavyweight. Though he finished with a record of five wins, three losses and two draws, Dudley says only, "Some of those guys were really tough."

In his spare time, Dudley lifts weights at the Columbia Athletic Club. He also enjoys hunting and fishing.

Concerning his job, Dudley figures that he or Harold move more than 300 buckets of coal each day. About 150 loads go into the coal hopper and somewhat more than that is brought in by trucks and lifted onto the reserve and storage piles.

In workmen's jargon the power plant workers figure they "run" the university and among those men, Dudley Brown carries more than his share of the weight.

Policy and Procedures

The University policies concerning rest periods, tardiness and absences and excused absence for a death in the family affect many employees.

Rest Center

University policy provides for not

Brewer Era

(Continued from Page 1)

Brewer with the Kansas track squad in 1954, several thousand fans filled the balcony and bleachers to watch the Jayhawk miler who was then stalking the much-ballyhooed four-minute mile.

Santee, however, wasn't the only top performer on the 220-oval. Such famous names as Kansas' Glenn Cunningham, Missouri's "Lonesome" John Munski, Bill McGuire, and Robin Lingle, to mention a few, participated in meets here. When it was constructed, Brewer field house was considered the best indoor athletic arena in the area. Unfortunately, progress on other campuses left it near the bottom.

While not exactly suited for the purpose, the field house was the site not only of athletic events but such other activities as horse shows, concerts that ranged from Madam Schumann-Heink to symphonies, commencement exercises, and even a gala convocation that climaxed the University's centennial year celebration in 1939.

Obituaries

Robert Lyle, president's houseman, died April 24. Lyle began work with the University March 22, 1954, as a janitor and was promoted to head janitor in housing Sept. 1, 1960. He was made the president's houseman Jan. 1, 1967.

Arthur Thomas McClay, technician in entomology, died April 7. He had worked for the University since Nov. 1, 1966.

The Carpool

Needs a ride:

From south of Moberly to Medical Center, five days a week. Contact Multiple Handicapped Clinic, 442-5111, ext. 296.

(Need a ride or rider? Send name, phone number, point of departure and destination and whether you need a ride or rider to Campus Columns, 223 Jesse Hall, by July 3.)

more than two rest periods of 15 minutes each during the day for all full-time employees. The number of rest periods will depend on the nature and scheduling of the work the employee is doing. In some cases, it is not possible to provide more than one rest period in an eight hour day. Rest periods are to be taken at a time approved by the department supervisor.

Tardiness and Absences

The University operates best when every employee is at his place of work and on time. Punctuality and attendance are very important to the efficiency of each working group. An employee should tell his supervisor if he knows ahead of time any reason that would cause him to be tardy the following day. He should also call in if he finds he will be as much as thirty minutes late at any time due to emergency (flat tire, weather, etc.). An employee should then check in with his supervisor when he arrives, and explain the reason for being late.

If an employee is more than five minutes late, the time will be deducted from his pay unless the supervisor can arrange to have him make up the time lost because of tardiness. Employees who are on appointment should make up the time lost within the same work week. Disciplinary action can result if an employee is frequently tardy, absent or leaves work early.

If it will be necessary for an employee to be absent from work, he should notify his supervisor in advance so plans may be made to cover his duties. In the case of emergencies or sudden illness, an employee should call his supervisor in advance so plans may be made to cover his duties. In the case of emergencies or sudden illness, an employee should call his supervisor as soon as possible or have another employee or member of his family call and explain the absence and give the supervisor information about when he may return. An employee absent without permission or without notifying his supervisor is subject to disciplinary action.

Death in the Family

All full-time permanent employees of the University are allowed time off with pay upon death in the immediate family, extending from the date of death to the date of the funeral not exceeding three working days. The immediate family means husband, wife, mother, father, son, daughter, brother or sister.

Many Common Backyard Plants Can Be Poisonous to Humans

Most of the plants that grow around your house and in the woods and fields are harmless. But 700 species can cause illness or even death. Some 12,000 children become victims of toxic plants every year.

Spring is the beautiful season, when the bleak death of winter is overcome by fresh green life and brightly colored blooms. Some of those pleasant-looking green plants contain sickness and even

death. More than 700 species of plants in the United States and Canada are poisonous when eaten by man.

The most common plants in backyards and fields can harbor danger for inquisitive children. The well known jimson weed, also called the thorn apple or stinkweed, causes more cases of poisoning than any other plant.

Youngsters can become ill merely from chewing a few seeds or leaves, or from sucking the nectar from its flowers. The effects are generally mild but the weed may also cause delirium, distorted sight, coma or death.

The most beautiful of plants are often fatal. The leaves of the oleander bush contain a deadly heart stimulant. People have died from eating steaks that had been speared on oleander twigs and roasted on a fire.

The unripe berries of the common night-shade bush can also kill. Another common berry that can be fatal in its unripened stage is that of the red sage, or Lantana Camara. In Florida a few years ago, 17 children ate some of these berries, four developed severe poisoning and one girl died shortly after the incident.

Parts of some fruit trees contain the most terrible of poisons. The twigs of the cherry release cyanide when eaten. The leaf of the peach tree contains hydrocyanic acid. Even the leaves of tomato and potato plants have alkaloid poisons. The most dangerous plant in the vegetable garden, however, is rhubarb. Its leaf blades contain oxalic acid, which can cause severe kidney damage.

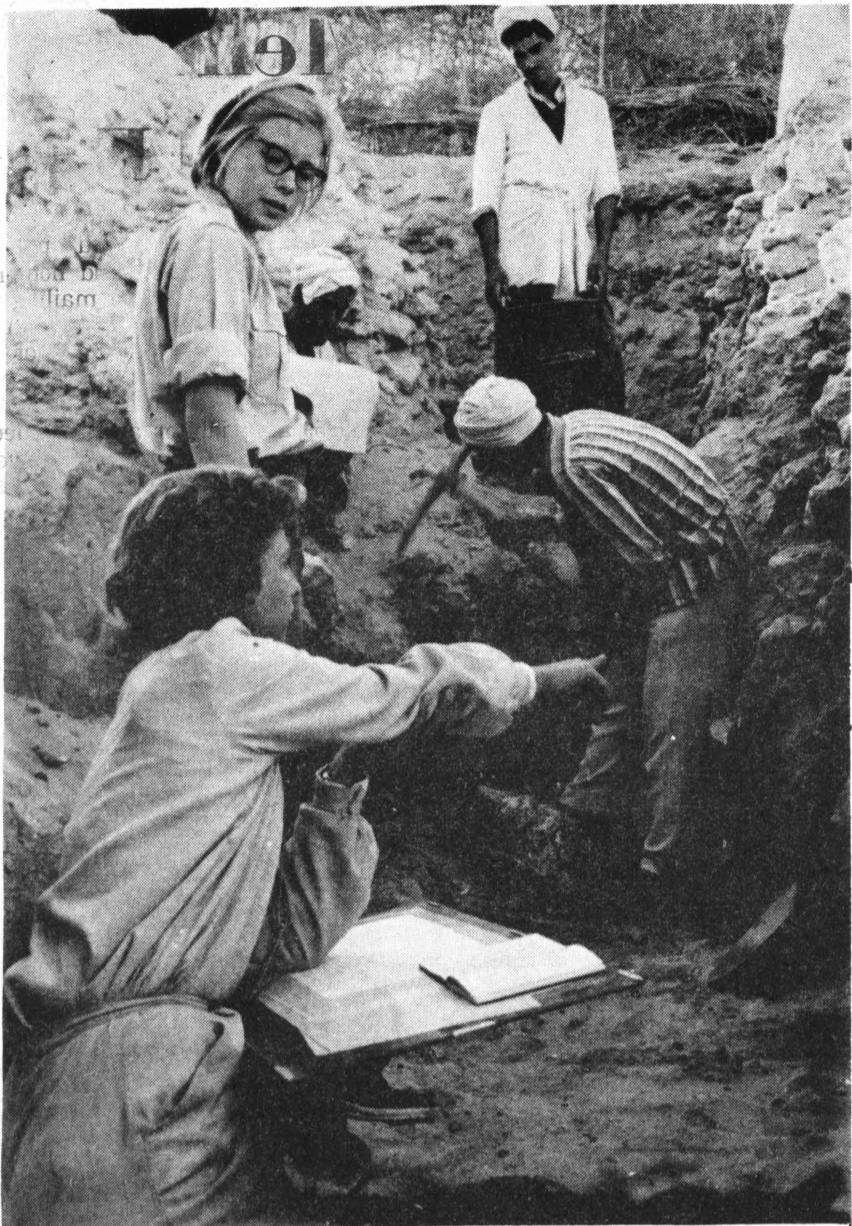
The lesson for adults and children alike is obvious. The growing plants of spring should be enjoyed through the eyes and nose, but never through the mouth.

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 307-309 Hitt St., 449-8591, or Room E27, Medical Center, 442-5111 ext. 665. The following are representative of available openings:

- Research Microbiologist
- Systems Analyst
- Library Clerk
- Secretary-Stenographer with shorthand
- Secretary with shorthand
- Cook
- Baker
- Junior Auditor
- Medical Center
- Cost Analyst
- Key Punch Operator

Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.



Elsebet Sander-Jorgensen Rowlett, lower left, with crew digging for traces of Dilmun, "lost" South Arabian civilization. Here on an AAUW fellowship, Mrs. Rowlett was with a Danish archaeology team which found remains of Dilmun.

Mrs. Rowlett Involved In Dilmun Discovery

At UMC is a young woman whose hands have been deep into one of the newest events of ancient archaeology.

Elsebet Sander-Jorgenson Rowlett was in on the discovery of 5,000-year-old Dilmun, a civilization believed to be "as old as Sumer, as mighty as Babylon or Egypt."

Mrs. Rowlett, a fellow of the American Assn. of University Women, was one of the Danish archaeologists digging with Geoffrey Bibby at Kuwait and Bahrain Island (South Arabia) when the evidence was found which he describes in his new book, "Looking for Dilmun."

When the book came out recently, one wire service writer observed that history books would have to be rewritten. New York Times Reviewer Lehmann-Haupt said Bibby's account of his search "had as many twisteroos as a good Agatha Christie."

Mrs. Rowlett played a real-life role in that mystery tale. She recalls vividly the excitement of working with a crew which found in the lowest layers of the city wall pieces of pottery which helped set the date of Dilmun at about 3000 B. C. These bits of pottery were found at the end of the season, she says, "The last thing we did... found as we removed the bottommost course of cut stones from the top of the bedrock."

The Danish diggers and their Arabian workmen overcame language barriers by their usual celebration upon discovering something exciting—all joined hands and danced in a circle.

At the time, Mrs. Rowlett was wearing a digging costume she had designed and made herself, a sort of jump suit with many pockets wherever needed. She was barefoot, because she could not wear the usual rubber-soled tennis shoes in the hot climate.

When only twelve, Mrs. Rowlett was going along on summer digs about her native Denmark. Later she was in a crew diving in Danish harbors to raise boats sunk by the Vikings as barriers.

Her parents did not consider this a "safe" feminine career, so for five years she supported herself at the University of Aarhus, while living at home. Finally convinced of her dedication, her parents helped in continued schooling.

She has proved in several instances how valuable women and their curiosity are in archaeology. There was the example of the "spindles." These long

metal rods were found in burials all over Central Europe, crossed over women's chests. Men archaeologists had identified the articles as small rapiers, later as possibly ornaments.

Not satisfied, Mrs. Rowlett obtained some coarse fabric, fashioned herself a simple garment and attempted to wear the rods.

"It was impossible! They could not have been ornaments," she maintained. Further research has fairly well established that the rods were used for spinning yarn from the wool of sheep tended by the inhabitants.

Elsebet Rowlett is an archaeologist, then, because she is curious. She says, "We are all going for the new, but the longer I stay in archaeology, the more present-day questions I find answered by the past."

Now she is continuing study of the Bronze Age culture of Champagne, France, working in the Museum in the UMC Library or in her rural home a few miles away. Curator of Collections for the Museum of Art and Archaeology, she is on leave for the duration of her fellowship.

She met her husband, Ralph Rowlett, while on a dig in Dordogne, France. A Kentuckian, Rowlett received his doctoral degree from Harvard and is a UMC professor of anthropology.

Their studies complement each other, she believes, hers in the Bronze Age period of France, his the later Iron Age period. She and her husband can do research here, she adds, because they feel UMC has "one of the few libraries in the United States that is workable for European archaeology."

Speaking recently at Topeka, Kan., to 400 members of AAUW, the sponsor of her fellowship, she expressed her hope of learning something to help developing countries—such as Champagne was at the time covered by her research—by working on the means and rate of development, where the entry into the "developed" society of the Bronze Age might have been helped by a special climatically-induced superior wool and the spindles in the hands of Bronze Age women.

Faculty Bowling League Announces Year's Results

Team and individual winners in the 1969-70 UMC faculty bowling league were announced at an awards program following the final bowling night of the season May 11 at Town and Country Lanes.

First place went to the Medical Science team of Herb Brown, James Johnson, Rodman Kabrick, Owen Koeppe, Robert Moore, Beryl Orthwell, Daniel Overack and Marvin Zatzman. Other team winners were: Animal Husbandry, second, Ronald Christenson, Jack Clark, Billy Day, Albert Dyer, R. K. Leovitt, Donald Naumann and G. B. Thompson; Electrical Engineering, third, Robert Casati, Robert Combs, James Tudor, John Uhlig and Ed Vredenburg; Calculators, fourth, Gerald Chase, Eugene Denzel, Stanley Johnson, Donald Schilling, Richard Wallace, Paul Junk, John Komo and David Pierce.

Top individual average awards were presented to Ed Vredenburg, 194; Jim Holstein, 183; Larry Norvell, 183; Richard Caple, 183; Ambros Nathe, 180; Jim Reger, 179; Leonard Brownlee, 178; Mahlon Fairchild, 178; John Tolon, 177; and Billy Day, 177.

Other winners were:
Team high game, handicap — Veterinary Medicine, 1,153; Medical Science, 1,148; and ROTC, 1,146.

Team high series, handicap — Veterinary Medicine, 3,269; ROTC, 3,182; and Business Office, 3,141.

Individual high game, scratch — Ambros Nathe, 258; Virgil Prentice, 257; Richard Wallace, 252.

Individual high series, scratch — Jim Holstein, 651; Ed Vredenburg, 651; and Mahlon Fairchild, 649.

Individual high game, handicap — Floyd Delon, 289; Miles Brown, 288; and Clarence Scrivner, 281.

Individual high series, handicap — Paul Junk, 724; John Byrd, 722; and Howard Heding, 717.

Virgil Prentice was recognized as the Most Improved Bowler.

Officers for the 1970-71 season elected at the meeting are: Jim Holstein, president; Jim Reger, vice president; and Ambros Nathe, secretary-treasurer.

Officers for the 1969-70 year were: Marc deChazal, president; Holstein, vice president; and John Byrd, secretary-treasurer.

Golden Rule Key to 'Telephone Manners'

Have you ever made a telephone call and been greeted by the person on the other end with a gruff "Hello" or "Who is it?"

Have you ever left a message to have someone return your telephone call—and never had the message delivered?

Have you ever been put on "hold"—then left there for 45 minutes?

These are typical telephone frustrations that have occurred to many people—and can be unpleasant for everyone involved. A lack of "telephone manners" can not only irritate the caller, but also reflect unfavorably on the person and organization called.

In order to avoid this, it's usually a good idea for anyone answering a telephone to remember the Golden Rule: "Do unto others as you would have them do unto you."

General Telephone Co. suggests the following "Do's and Don'ts" when using a telephone:

Treat your telephone "visitor" as if he or she were present. Make your voice warm and pleasant—put a smile in your voice.

Speak distinctly with your lips about a half inch from the mouthpiece. And talk normally—don't scream, or make your voice husky or cute. Be natural and sincere.

When giving out information, be sure to pronounce all numerals and letters

carefully. Numbers 9, 5, 4 and 0 are most likely to be misunderstood. Letters such as m and n often get easily confused.

When your telephone rings, answer it quickly and identify yourself right away. Say "Mr. Jones' office" or "Credit Department, Brown speaking."

Handle all telephone business if you can. If you can't, tell the caller you'll transfer him to the right party. And then do it. Promptly. Avoid giving him a "telephone runaround."

When you answer someone else's phone and the caller doesn't identify himself, try to find out tactfully who he is. Say "May I tell him who's calling, please?" or "Would you like him to call you?"

If there's a message, write it down; then be sure to deliver it as soon as the person called returns.

If a "boss" asks a secretary to place a call for him, he should then stay put in his office. Running off on other business only wastes time for everyone concerned—and will probably not impress the person you're calling.

When you leave your office for a moment, let someone there know where you can be reached and how long you'll be gone. It's embarrassing for everyone—including you—when an important caller has to be told that your

destination and time of return are unknown.

When talking to someone, use their names and titles often in the conversation. Don't forget other expressions of courtesy and respect—thank you, I'm sorry. "Yes" rather than "ya" always sounds nicer over the telephone.

Whenever a caller agrees to hold the line and his party takes a long time getting to the call, it is courteous to check back with the caller periodically to let him know you haven't forgotten him. Say, "Mr. Jones is still busy. Do you still wish to hold?"

A few hints for the caller:

Talk pleasantly, identifying yourself quickly and stating your business if asked.

If you know you'll need facts and records during the conversation, be sure to have them in front of you before calling. If something comes up during the conversation, say, "Sorry, Mr. Brown, will you wait while I get that information?"

If your party is out and you want him to call back, leave your name and number. Don't make him look it up in the directory.

Additional tips in answering and talking on the telephone are available through a booklet and 20-minute film available from General Telephone Co., 442-6121.

Tech Ed Mail Men Move Mountains of Mail Fast

Fast, economical mail handling is available to your department through Technical Education Service's Mail Room.

Glenn Timbrook, foreman for the Mail Room, says, "We can save you time and money if you have large mailings out into the state."

Timbrook has about 12 people working in the Mail Room, including two deliverymen and one stockman. Some people confuse his department with Campus Mail. This is a separate function under the direction of Howard Palmer.

"Our only delivery," Timbrook says, "involves the delivery of materials that Technical Education Services — or Tech Ed — does. If campus personnel are on the mailing list of a booklet or literature produced by a faculty member or department through Tech Ed, we address it, stuff it and handle it just as if it were going off-campus. Then we turn it over to Campus Mail for actual dissemination."

The work is extensive. Like any kind of a mail work, the volume grows and grows. Timbrook estimates that they now send about 50 bags of mail to the Columbia Post Office each day. (This does not include normal U.S. mail picked up on the campus.)

Savings for departments come from Timbrook's experienced people, more efficient procedures geared to rapid mail handling and the equipment on hand.

"Savings can be extensive for a mailer when he used 'non-profit' postage. There are a few requirements before this special, less expensive postage can be used. For example, it must be University of Missouri material. Each piece must be identical in size and weight. We must have correct addresses including the ZIP Code, and there must be more than 200 pieces in any one mailing."

Timbrook's people can then stuff envelopes, put on the postage, seal and sort the mail, all ready for movement down to the city Post Office. There is a limitation in stuffing envelopes. "We can stuff only number 10 envelopes or the regular business size. Our machines handle only this size," Timbrook says.

Timbrook says that one department saved two-thirds of its original costs for mailing literature out into the state. Through the department's mailing procedures, they had spent a total of

\$1,850 including labor and postage. Through the Mail Room and non-profit mailing rates, the identical mailing was accomplished for \$600.

Timbrook knows the ropes of the business, having worked his way up to his present position. He started in the fall of 1959 as a janitor and switched to campus mail about two-and-a-half years later. In 1965, he assumed his present position in the Mail Room.

Do You Have Claim to Fame To Brag About?

You may have a Claim to Fame — and not even know it.

Do you think you hold a University "record" in any of the following (or any other) areas?

Most miles traveled in a year (a) for the University (b) on vacation (c) by air, boat, other

Largest fish caught (a) in Missouri (b) freshwater (c) salt water (d) troutline (e) hook and line

Largest family
Tallest employee (male-female faculty-staff)

Shortest employee
Longest continuous service with the University (male-female - faculty-staff)

Youngest full-time employee
Youngest age at marriage
Longest marriage

Heaviest or lightest (if you'll admit to it)

If you think you might hold a "record" in any "field," send your Claim to Fame with your name and title to Campus Columns, 223 Jesse Hall. Information concerning all winners will be printed in future issues of Campus Columns.

Get Phone Now; Avoid the Rush

Columbia residents wishing to have a telephone installed in their home or apartment in August or September can now "avoid the rush" by having it installed early. General Telephone Co. has announced.

The company usually receives about 8,000 extra service requests during a two-week period in the fall. Since it is physically impossible to process this many orders in a short time, the company is now making this advanced service available, says Bryan Leath, General Telephone service office manager.

Anyone knowing their address for the fall and wishing to have a telephone installed can pick up and fill out an advance order form. If the form is returned before the second week in August, the phone should be installed before the fall rush. Billing will not begin until the day indicated as the requested installation date.

For further information and advanced service forms, contact General Telephone at 442-6121.

Pharmacist Speaks In Seminar Series

Garf Thomas, chief pharmacist at the University Medical Center, participated in a recent series of seminars sponsored by the UMKC School of Pharmacy and the Division for Continuing Education. The seminars were aimed toward improving pharmacy services to patients in hospitals, with special emphasis on the role of the part-time and consultant pharmacist. Thomas spoke at the seminars in Warrensburg, Cape Girardeau and Jefferson City.

Bent, Matthews Receive Awards

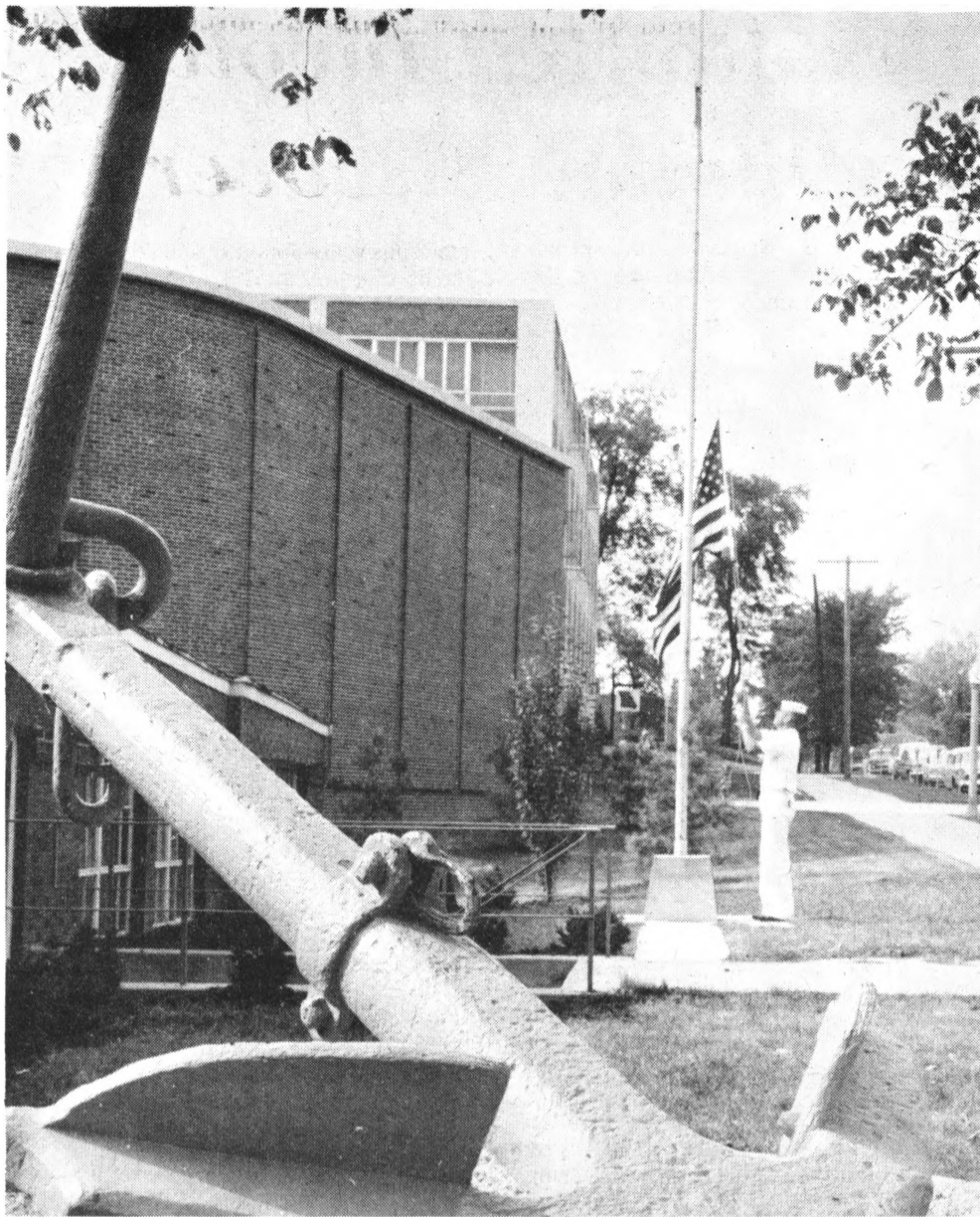
Henry E. Bent, professor of chemistry and dean emeritus of the Graduate School, received the \$1,000 distinguished faculty award and Jack Matthews, retiring dean of students, the distinguished service award of the UMC Alumni Assn. as a part of the commencement program June 2.

Ed Kennedy of Tulsa, Okla., vice president of the Alumni Assn., made formal presentation of the awards at commencement. Similar awards are presented annually to the faculty member and the alumnus deemed to have contributed the most to UMC and to the Association during the year.

Bent joined the faculty in 1936 and served as dean of the Graduate School for 28 years before assuming emeritus rank in 1966. He is a graduate of Oberlin (Ohio) College, Northwestern University and the University of California and was on the Harvard faculty before coming to UMC.

Matthews retires this year as dean of students after 20 years in that position. He will return to the physical education faculty. He was a track star between 1924 and 1927, served as UMC freshman track coach in 1928, and returned permanently to UMC in 1935 as assistant track coach.

The awards presentation highlighted alumni activities at commencement.



Know Your University

The large ship's anchor at the entrance of the Naval Armory at the corner of Sixth Street and Stewart Road was brought to the campus in 1958. Taken from the San Diego Harbor, it dates back to the period before World War I. When the anchor arrived at UMC, ROTC students removed many years' accumulation of rust, barnacles and other sea growth. Painted gray, the anchor rests in a small circle of gravel.

Articles on Policy, Procedures Most Read, Says Columns' Survey

Articles about University policy and procedures lead the list as the most widely read and most desired articles in the Campus Columns, according to the results of a Campus Columns questionnaire.

The questionnaire, designed to let readers express their views about the publication and their preferences about content, was printed in the April 17 issue of Campus Columns. It was returned through Campus Mail.

About 40 per cent of the returns were from faculty and about 60 per cent from non-academic staff. These groups make up about 30 and 70 per cent of the total staff, respectively, according to Personnel Office information. Women, who comprise about 45 per cent of the total staff and, interestingly enough, almost 55 per cent of the non-academic staff, accounted for only 40 per cent of the total questionnaires returned.

The largest group of respondents are in the 40-49 age group with a large number in their 20's and 30's. More than half the respondents have been employed by the University between one and five years. The next largest group — about one of every five — have worked for the University between 10 and 20 years.

Three out of four respondents indicated they like Campus Columns and almost seven of 10 said they always read each issue.

More than eight of every 10 respondents said they usually read articles and other information about University policy and procedures. The

Manlove Promoted

Cliff Manlove, former University-wide accountant, has been promoted to fiscal officer for the UMC College of Arts and Science. His new campus mailing address is 210 Jesse Hall.

next most widely read type of material is the picture page stories, read by seven out of every 10. About the same number also said they appreciate the use of pictures to illustrate other stories.

Other generally popular features included general features about people, places and events, including the "Job in the Spotlight" which appears in each issue. At least six of every 10 respondents said they always read these features and nearly nine of every 10 respondents read them at least part of the time.

The least read features were the "Recipe of the Month" and "Car Pool Rides." One respondent suggested combining the "Car Pool Rides" and the "Jobs Available" into a general "Want Ad" section.

In general, the non-academic staff tended to say they like Campus Columns a little more than faculty. However, most respondents in both groups said they like it in its present form.

Respondents from the age of 30 on up tended to say they really like the publication and always read it while younger employees said they like it fairly well and read it fairly often. Very few people in any age group said they don't like Campus Columns.

The largest single age group was those aged 40-49. Over 80 per cent of this group said they always read the publication.

In conclusion, the Campus Columns questionnaire allowed readers to express their opinions about the publication. The results will now provide a basis for the editor to see what people want. Some new suggestions are now under consideration for inclusion in Campus Columns. The result will hopefully be an improved publication containing the kind of materials readers have indicated they like.

Adventurer Becomes Lawyer**Trail of Traveling Typesetter Ends at UMC**

Maynard E. Cohick, traveling typesetter and budding lawyer, recently parted company with an old friend — the linotype keyboard. This separation took place early in June (June 2) when he received his law degree from UMC.

His typesetting skill has taken him half way around the world while he satisfied his yearnings for rigorous adventure. It has been his bread and butter job as he worked toward three college degrees. He continued pounding the keys three nights a week at the Columbia Daily Tribune, right up to time for his newest alma mater's Commencement ceremonies.

Cohick, a Pennsylvania native who was 32 May 18, has sat at keyboards in various counties to pave the way for such non-sedentary pursuits as sky diving, yacht racing and mountain climbing. In addition to working as a journeyman linotype operator on newspapers on the mainland and in Hawaii, he held similar jobs in New Zealand and Australia.

His adventurous activities were launched in 1955, when he was an eager 17 and freshly graduated from the Jersey Shore (Pa.) High School. After six years of roaming by land, sea and air, followed by two years in the U.S. Army, he settled down to fashion an outstanding academic record, capped by the Juris Doctor degree and the beginning of his career as a lawyer.

As a student in the School of Law, Cohick has earned these honors and awards:

A \$500 scholarship, one of 15 awarded annually by the National Executive Board of Phi Alpha Delta law fraternity.

The \$300 Omar Robinson Memorial Scholarship.

The \$300 Law School Foundation Scholarship.

The John S. Divilbiss Memorial Award as the outstanding active member of Lawson Chapter, Phi Alpha Delta, in which he served a term as marshal and two terms as president.

Finalist in second year Moot Court Competition; argued before a special court of three Missouri judges on Law Day, 1969.

Co-chairman of the Moot Court committee.

Selected as one of four students to assist the Boone County prosecutor under the law school's Criminal Law Program.

Listed in the law school section of Who's Who Among Students in American Colleges and Universities.

Cohick arrived on the Columbia Campus after four years of college study at Fullerton, Calif. There he majored in political science while earning an Associate in Arts degree from Fullerton

Junior College and a Bachelor of Arts degree from California State College.

He further diversified his college experience by serving as a patrolman with the police departments of Fullerton and Columbia, as building supervisor of the Memorial Union at UMC, worked as a tree-trimmer and as an investigator for the prosecuting attorney's office in Boone County and a law firm at Chillicothe, Mo.

Between high school and college the globe-trotting Cohick, a wiry 150-pounder, managed to crowd in these strenuous activities:

Took up skin diving and mountain climbing in California.

Climbed almost every major peak on the West Coast.

Worked as a crewman aboard the 60-foot schooner, "Diablo," on a 21-day trip from Hawaii to the mainland.

Spent a summer in the state of Washington, sky diving, mountain climbing and diving for octopus.

Rode a bicycle from Seattle to Los Angeles.

Returned to Honolulu Star-Bulletin, then signed aboard the 52-foot cutter "Awahnee" bound for voyage to such South Pacific points as Pago Pago, British Samoa, Tonga, Tahiti, Tofua and finally New Zealand where he again worked as a typesetter.

Entered Trans-Tasman Yacht Race and sailed 1,300 miles across the Tasman Sea from Auckland, N.Z., to Sydney, Australia.

In Australia, when not setting type, Cohick hitch-hiked 3,000 miles, hunted kangaroo, took up surf boating and resumed skin diving.

Made his own movies on sky diving, sailing and mountain climbing and showed them on Australia TV stations in connection with personal appearances. (Needed extra money to get home for draft physical)

In Korea, while with the U.S. Army as personnel administration specialist, he earned a first-class brown belt in judo and resumed sky diving with a team of Army parachutists.

While working for the Fullerton News-Tribune, walked and ran 55 miles at high elevation in the San Bernardino National Forest in 13 hours as a tune-up for a four-day jaunt of 226 miles from Yosemite to the Whitney Portals — "just for fun and physical condition conditioning."

Asked if he would do it all over again, he quickly responded, "You bet I would."

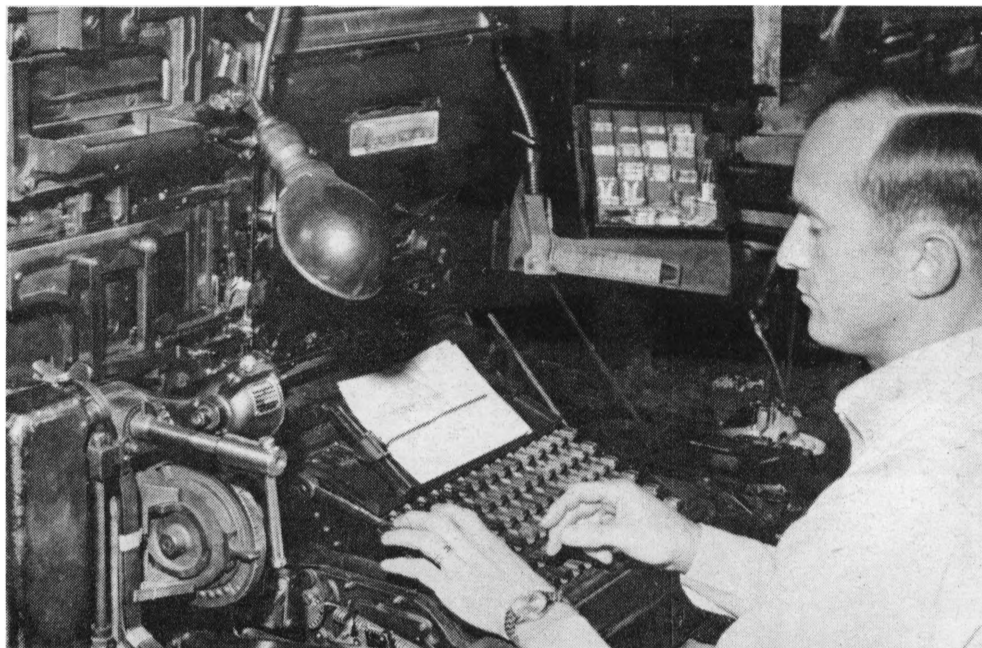
"Notwithstanding female protestations to the contrary, it is still a man's world — especially a young man's world," he said. "The only change I would make is that I would try to crowd even more diversity of experience into those few years when I was really free to explore my environment as well as my own potential."

Cohick has a word of advice to other young men: "Don't just wait for time to pass. Use it for all it's worth. You can make excuses and find reasons for not doing what you want to do, but if you pass through life unsatisfied with your own achievements then you probably have no one to blame but yourself."

Cohick was born at Lock Haven, Pa., and nights at the Jersey Shore Herald (now the Evening News) while in high school.

With his long held ambition to become a lawyer about to be realized, Cohick — a quiet type, modest and a sharp dresser — must now decide whether to hand out his own shingle, join a law firm, or return to law enforcement work. He has numerous offers to consider.

Whatever his decision, it probably will mean a slower pace for him and a welcome change for his family. He won his California bride, Jeanne, on condition that he abandon sky diving for such mundane activities as snow skiing, jogging and flying a light plane. The Cohicks have three children, Steven, 5, Julie, 4, and Jennifer, 4 months.



Maynard Cohick, budding lawyer, punches his trusty meal ticket — the Linotype Machine.

Lorah Retires After 43 Years With the College of Engineering

James R. Lorah, retiring as emeritus professor after 43 years with the department of chemical engineering, was honored at a reception and dinner given recently by Dr. and Mrs. L. E. Marc de Chazal.

Lorah joined the College of Engineering as an assistant professor in 1927. He was hired on the recommendation of Herman Schlundt, then chairman of the department of chemistry, specifically to develop a curriculum in chemical engineering.

"I was probably chosen," says Lorah, "because I held both a B.S. in chemical engineering and a Ph.D. in chemistry."

However, changing the industrial and applied chemistry courses at Missouri proved to be a slow process.

"It was difficult to break into the old core curriculum of the College of Engineering," he recalls. "But eventually, with the assistance of additional staff members and the construction of the Engineering Laboratories Building in 1936, many of these problems were overcome."

In 1941, the chemical engineering curriculum on the Columbia campus was fully accredited by the American Institute of Chemical Engineers and the Engineers Council for Professional Development.

"This was the first accreditation of a

chemical engineering curriculum in the State of Missouri," says Lorah, "and preceded all others by 11 years."

As chairman of UMC's department of chemical engineering from 1929 to 1949, Lorah carried it through one major economic depression, the Second World War, and the unprecedented increases in enrollment caused by the return of veterans to school.

"Improvements in our chemical engineering undergraduate curriculum have been continuous to the present," he says, "but this influx of veterans gave an impetus to the graduate studies that have become such an important part of the department."

Lorah played a leading part in the early development of a course in materials especially designed for chemical engineers, a course in radioisotope techniques, and a course in chemical process measurement. In the 1930's he was one of the four department chairmen from UMC chosen to take part in the organization of the Missouri section of the national organization known as the American Society for Engineering Education.

Most of the 900 alumni of the department of chemical engineering graduated during Lorah's 43 years of service.

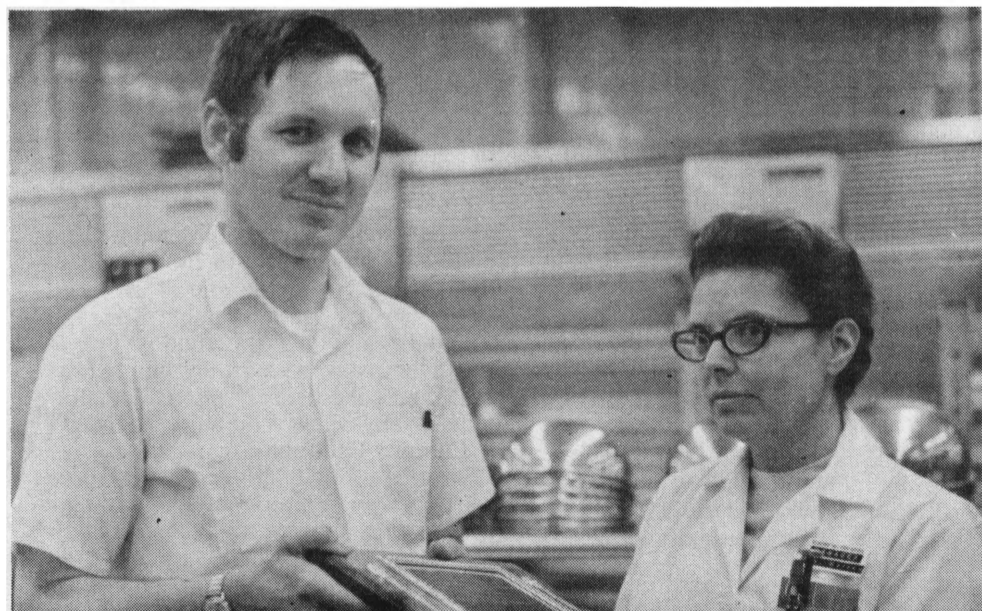
Evening Class

(Continued from Page 1)

Division, directed by Assistant Dean James E. Holland. "One of the problems we face now," says Holland, "is that courses administered through the Extension Division are expected to be self-supporting. Because of budget difficulties, if enrollments aren't large enough next fall, we may have to cut back on some of our courses."

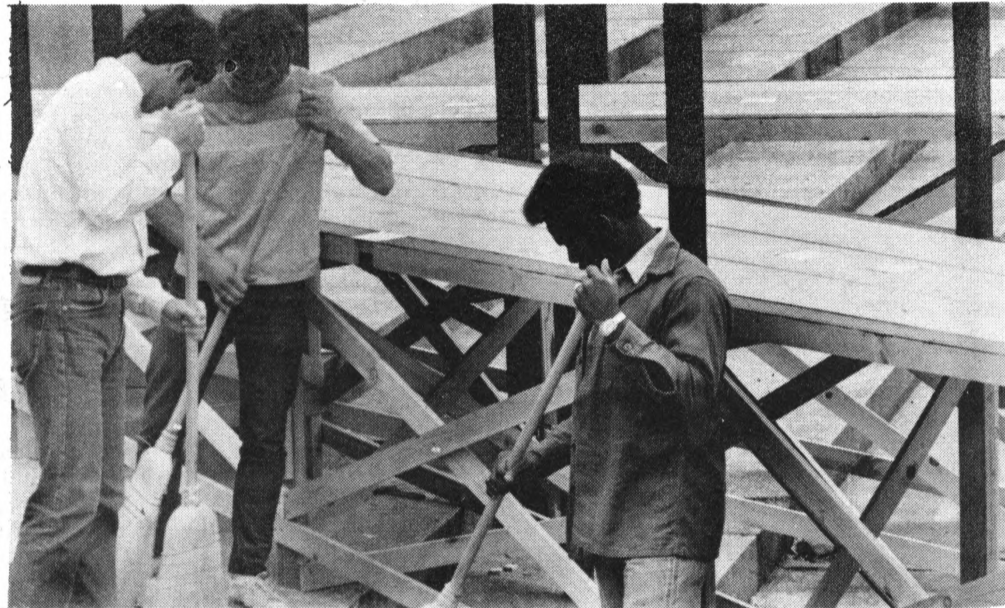
Classes meet once each week from 6:30 to 9:30 p.m. for three hours credit. Student spend 16 weeks in classes. Classes for five hours credit meet twice a week or make other arrangements to fulfill required clock hours of class study and participation.

The Evening Class Program is a good way for employees to add to their educational background while taking advantage of the University's Educational Assistance Program. More education at a little more than a quarter of the usual price of college classes with no time lost from regular working hours is the result for employees who want to take advantage of the two programs.



Mrs. Anne Morrow (right), food service manager in Rollins Cafeteria, receives the Sanitation Merit Award from William Pugsley, campus sanitarian with the Student Health Service. The award is made on the basis of inspections of the kitchen facilities by the sanitarian, swab testing programs and the number of each cafeteria's employees having attended food schools and having chest x-rays. Pugsley reports that "all units had very high scores this semester — highest in the award's two-year history."

Behind the Scenes At Commencement



Although the spotlight was on the approximately 4,200 students who graduated June 2, numerous non-academic employees were important behind-the-scenes participants.

Pictures, clockwise:

Top: It took about 600-700 man hours to set up facilities in Brewer Fieldhouse, where the ceremonies were actually held because of rain. Here, Russell Forbes (left) and Milow Howard, General Services employees, work on the stage.

Center: About 400 man hours were put in preparing Memorial Stadium, where Graduation was originally scheduled. Left to right, Wayne Sander, Steve Zinner and Harry Williams, General Services employees, help clean up the stadium in preparation for the ceremonies.

Right: Traffic Safety and Security Office handled parking and security problems. Gordon Gear (right center), assistant director, gives instructions to (left to right) Terry Hatton, Charles Thomas and Joe Appleton.

Lower Right: Miss Sally Grant of the Admissions Office is responsible for ordering diplomas for all graduates and the gowns and hoods for all dignitaries. Each academic division determines who will receive degrees.

Lower Left: Richard Dunn of the Campus Shop and his crew prepared all floral arrangements for the day.



Gross Acting Dean Of Journalism School

The appointment of Milton Eugene Gross as acting dean of the School of Journalism has been approved by the Board of Curators. His new assignment becomes effective July 1.

The Curators, at the same time, also approved naming the present dean, Earl F. English, as dean emeritus, also effective July 1. English is retiring upon reaching the compulsory retirement age of 65 for administrators, but he will remain on the faculty.

The recommendations were made to the Board by Chancellor John W. Schwada. Gross has been serving as assistant dean and professor of journalism.

A graduate of the School of Journalism with a bachelor's degree in 1939 and a master's in 1941, Dean Gross has been a member of the advertising faculty since 1942 and assistant dean since 1963. He previously was a faculty member of the Texas College of Mines at El Paso (now the University of Texas at El Paso) and worked in advertising and sales for the Vick Chemical Co., and as an advertising salesman for the Jefferson City News and Tribune. He taught typography, and in Texas, and was on leave from UMC for three years for Naval service during World War II.

Dean Gross was elected to the accrediting committee of the American Council on Education for Journalism in 1959 and served until 1968 as vice chairman and chairman and since 1968, as secretary-treasurer.

He was elected chairman of the Council on Advertising of the Assn. for Education in Journalism in 1961 and educator chairman of a two-year term in 1964.

He served as national executive secretary of Alpha Delta Sigma, national advertising fraternity, from 1947 through 1961. He is a member of the Kansas City chapter of the Assn. of Industrial Advertisers, the Advertising Round Table of Kansas City, an educator member of the International Newspaper Advertising Executives Assn. and a member of the Advertising Club of Greater St. Louis.

Curators to Seek Insurance Broker

The Board of Curators has authorized advertising for bids for insurance broker to act as insurance consultant in furnishing the University property and casualty insurance coverage.

Under the proposal, the consultant would provide complete insurance services to the University on the basis of an annual retainer fee rather than commissions on insurance purchased.

Bids which are received will be presented to the Board for consideration.

English has been dean of journalism since 1951 and joined the faculty in 1945. He was a reporter and printer-operator before he entered the teaching profession at Peoria (Ill.) High School and taught at Bradley College and the State University of Iowa before coming to UMC.

Dean English was executive secretary of the Accrediting Committee for Schools of Journalism from 1946-48 and a member until 1958, has been president of the Assn. for Education in Journalism of the American Assn., of Schools and Departments of Journalism. He is a distinguished service member of the American Society of Newspaper Editors, a member of the American Council on Education for Journalism, and is former president of the Northwest Missouri Press Assn. He became associate dean of journalism under the late Frank Luther Mott in 1949 and succeeded him as dean two years later.



MILTON GROSS

Building Plans Set by Board

Preliminary and final plans for building a new Scientific Instrument Shop facility at UMC have been approved by the Board of Curators.

The one-story structure will be built in Research Park, just west of the botany greenhouses. It will replace a facility now located near the Columbia campus power plant.

Research apparatus needed in many teaching and research programs are built in the instrument shop.

Total funds available for the facility are \$175,000.

Plans for the shop were prepared by Dwight C. Horner and Roger F. Blessing, Jr., Architects, Kansas City.

President, Vice-President

Smith, Mrs. Tucker New Board Officers

Pleasant R. Smith, businessman and civic leader in Mexico, will serve as president of the Board of Curators for 1970-71. Mrs. Avis Tucker of Warrensburg was elected the new vice president at a meeting here June 2.

Smith, a curator since 1965, is secretary for both the 2,000 acre Allis Chalmers Farms in western Audrain County and Gallaher-Smith-Feutz Realty, Inc., Mexico.

Smith entered UMC in 1941 but his schooling was interrupted for three years while he served in the U.S. Army. He returned to the University and in 1949 and received a B.S. in business administration.

At the University he was a member of the business fraternity, Delta Sigma Pi,

Three Grants Approved For Research Abroad

The Board of Curators has approved awarding of three national grants to UMC professors to finance their research projects underway in foreign countries.

James E. Case, associate professor of geology, was awarded a grant of \$43,900

provided by the National Science Foundation on a research project, "Tectonophysics of Columbia and Panama," from July 1, 1970, through June 30, 1971. Case's project will concern the relationship of the earth's gravity and magnetic fields with theories of oceanic and continental movements. Columbia and Panama were selected for this study because the North and South American continents join at their borders, and each has shorelines touching the Caribbean Sea and Pacific Ocean.

Dritz R. Walther, associate professor of zoology, was awarded a grant of \$45,070 by the Office of International Activities of the Smithsonian Institution for research entitled "Ecology and Behavior of Gazelles in Israel." Walther will work with the Smithsonian Institution from July 1, 1970, through June 30, 1971, in Israel where its 3,500 gazelle population is protected.

While in Israel, Walther has three aims: To consult with Israeli officials in establishing a national park; bring about a compromise between conservationists and farmers, who complain of crop destruction by the protected gazelles; and to observe the behavior of gazelles in the Negev Desert in southern Israel.

Saul S. Weinberg, professor of classical archaeology, was awarded a Smithsonian Institution grant of \$34,500 for the period May 1, 1970, through April 30, 1971, for research entitled "Evacuation at Tel Anafa (Shamli) Israel." Weinberg will direct a mound excavation in Upper Galilee. The site is believed to have been occupied from the Fourth Millennium B.C. to the First Century B.C. This will be the third season of digging. Previous seasons have uncovered houses and pottery in quantities of the Hellenistic Period.

Highlights Of Curators Meeting

Highlights of actions taken by the Board of Curators at its meeting June 2 in Columbia:

* Approved the appointment of Assistant Dean Milton E. Gross as acting dean of the School of Journalism on the Columbia campus, and the appointment of Dean Earl F. English as dean emeritus of the School of Journalism. Both appointments are effective July 1.

* Approved preliminary and final plans for building a new Scientific Instrument Shop facility on the Columbia campus.

* Authorized an agreement for the affiliation of Deaconess Hospital of St. Louis with the UMC Medical Center.

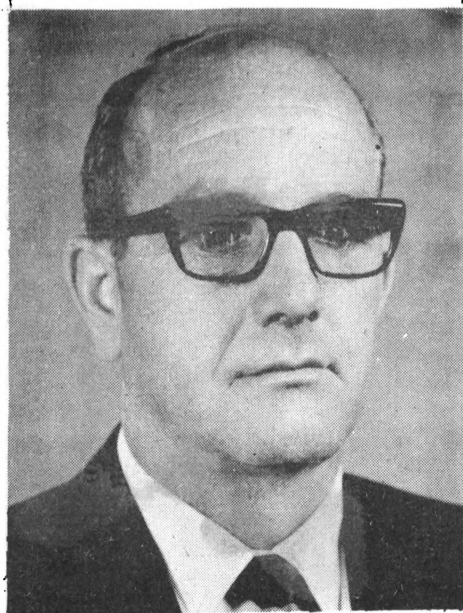
* Approved the award of national grants to three Columbia campus professors to finance research projects in foreign countries.

* Authorized UMSL to affiliate with the National Collegiate Athletic Assn., effective Spet. 1.

* Elected Pleasant Smith as president and Mrs. Avis Tucker as vice president of the Board of Curators for the 1970-71 year.

CAMPUS COLUMNS
University of Missouri
223 Jesse Hall
Columbia, Mo. 65201

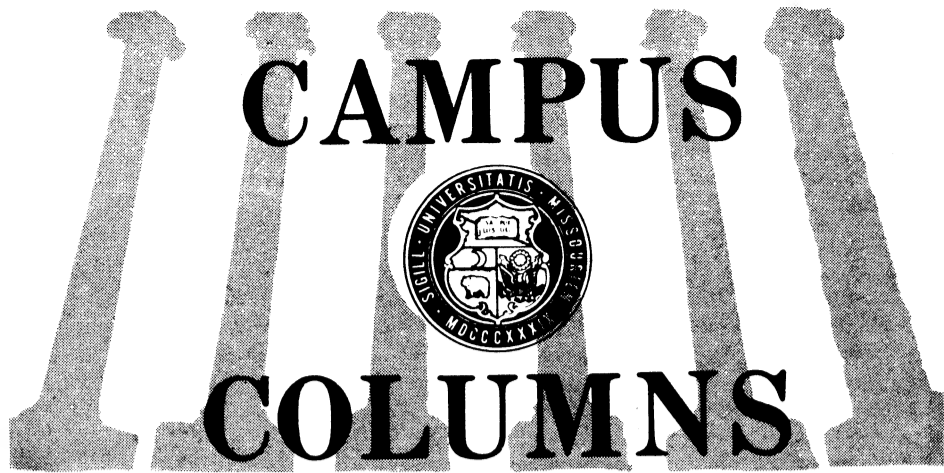
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PLEASANT SMITH



MRS. AVIS TUCKER



CAMPUS

COLUMNS

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 1, No. 11

July 10, 1970

Ten Employees Certified As Animal Technicians

Ten University employees were certified recently as Junior Animal Technicians by the American Assn. for Laboratory Animal Science in ceremonies at the Space Sciences Research Center. They were the first animal technicians to be certified in the Mid-Missouri area.

Recipients were Leroy Anthony, animal technician in laboratory animal medicine, Medical Center; Kathy Berck,

laboratory technician in laboratory animal medicine, Medical Center; Kathryn Ann Campbell, animal technician in Space Science Research Center; Stanley Grebing, technician in animal husbandry; Alice Gertrude Hall, animal technician in Sapce Sciences Research Center; Orval Lewis, technician in animal husbandry; Robert Ritter, animal technician in laboratory animal medicine, Medical Center; Susan Scott, research technician in laboratory animal care at the veterinary medicine research farm.

The ten had satisfactorily completed an 11-week course this spring in basic laboratory animal care necessary for certification by the Association, says Arthur C. Hansen, master animal technician and laboratory manager at the Space Sciences Research Center. Hansen and Louis R. Nelson, DVM resident of the department of laboratory animal medicine, taught the course.

"Caring for research animals is different from caring for farm animals," Hansen says. "A trained animal technician can be an important helper for researchers if he is used correctly."

Among subjects covered in this basic course of laboratory animal care were sanitation and pest control, disease—its transmission and prevention, anatomy, biology, physiology, breeding euthanasia, cages and equipment, identification, and handling, feeding and watering.

The American Assn. of Laboratory Animal Science also offers more advanced certification as senior animal technicians and as master technicians.

In view of the great need for trained animal technicians in this area, it is contemplated that another course will be offered for Junior Technicians in the fall. Anyone wishing further information about this course should contact Dean Baxter, assistant to the manager of employee training, 811 Lewis Hall, 449-8311.



Junior Animal Technicians recently certified, shown with their instructors are, left to right, Alice Hall, Orval Lewis, Stanley Grebing, Arthur C. Hansen (instructor), Donald A. Headley, Louis R. Nelson (instructor), Leroy Anthony, Robert Ritter, Dorsey Wood and Kathy Berck. Not shown are Kathryn Ann Campbell and Susan Scott. They are the first Junior Animal Technicians certified in this area.

Sept. 7 Holiday

UMC will observe Sept. 7 for the Labor Day holiday. In line with current University policy, all offices will be closed. Arrangements will be made to carry through all services which cannot be temporarily suspended.

Credit Union Announces Dividend, Move

On the first anniversary of its founding, the Mizzou Employees' Federal Credit Union has announced the payment of a 4½ per cent dividend to its member shareholders, based upon the Jan. 1-June 30 accounting period.

Because of the ever increasing membership, now totalling 947, and the growing volume of business, the Credit Union has, for some time been needing more office space. Effective July 15, it will move its operation to the lobby of Lewis and Clark Hall. Office hours will continue to be 10 a.m. to 5:30 p.m. Here, members may add to their shares, make withdrawals, apply for loans, make repayments and transact all other Credit Union business.

Membership in the Credit Union is open to all University employees in the entire system, employees of cooperating Federal and State Agencies, organizations of such employees and their families. This is the only requirement other than the payment of a 25 cent membership fee and at least partial investment in one \$5 share.

Credit Union members who wish to enjoy the conveniences of automatic regular saving may obtain authorization forms for payroll deduction from either the old or the new Credit Union offices. While the authorization forms may be filled out and returned to the Credit Union at any time, actual payroll deduction is not expected to begin until a date to be announced later.

Notice

This is the last issue of Campus Columns to be printed this school year. There will be no August issue. Publication will resume on a monthly basis in September.

University Hall Opens: Several Offices Move

President John C. Weaver and many members of the University-wide staff moved into new offices in University Hall during June. The moving began early in June and continued through the week of June 22.

The moves to University Hall precipitated several moves of campus administrative offices within Jesse Hall, says Emmett A. Klinkerman, UMC business officer.

"The main reason for the campus moves was to give additional space to the service offices—student financial aids, cashier's office, payroll office—and to move the Chancellor's staff closer together," Klinkerman says.

The largest space expansion was for student financial aids. Also two new windows will be added at the cashier's office to facilitate business transactions there.

The moves within Jesse are in process at the present time and should be completed by Aug. 1, Klinkerman says.

Among offices and staffs which have moved are:

* President John C. Weaver from 105 Jesse to University Hall.

* Vice President for Administration A. G. Unklesbay from 104 Jesse to University Hall.

* Vice President and Business Manager Dale O. Bowling from 116 Jesse to University Hall.

* Vice President and Comptroller R. H. Bezoni from 111 Jesse to University Hall.

* Mary Robnett, secretary to the Curators, from 111 Jesse to University Hall.

* General Counsel Jackson Wright from 1 Tate Hall to University Hall.

* Chancellor John W. Schwada's office from 101 Jesse to 105 Jesse.

* V. Alonzo Metcalf, executive assistant to the Chancellor, office from 305 Jesse to 101 Jesse.

* Business Officer's office from 11 Jesse to 305 Jesse.

* Student financial aids office from 123 Jesse to 11 Jesse.

* Director of payroll from 16 Jesse to 10 Jesse.

* Fiscal Business Officer from 317 Jesse to 111 Jesse.

* Provost Herbert W. Schooling's office from 110 Jesse to 116 Jesse.

Job in the Spotlight

What Do Night Watchmen Do? 'Plenty'—Declares Tilford Hyde

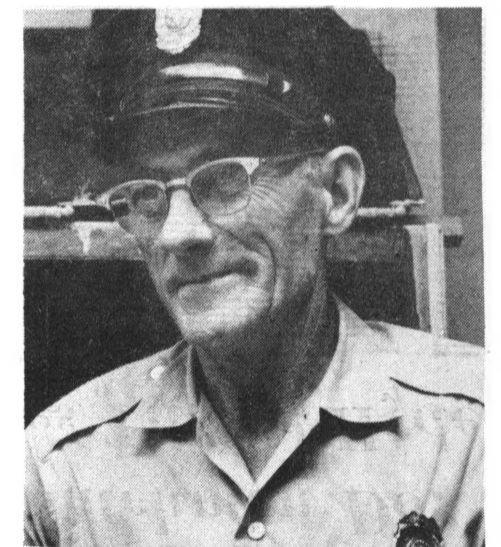
"Bored? Far from it," says Tilford Hyde, assistant foreman of the night watchman at UMC. "There's always plenty to do throughout the evening."

Many people, including Campus Columns, wonder what a night watchman does. How does he keep awake at night—by himself for the most part from about 5:30 p.m. to 1:30 a.m.?

Hyde says he seldom if ever has trouble with boredom or sleepiness. During the summer months, he relieves the switchboard operator in Jesse Hall for a coffee break (no student help is available during this time). He has to lock gates, check buildings to make sure everything is all right. He must answer trouble calls which may range from a broken window or power failure to someone being locked out of their office or university-owned apartment.

For trouble calls—and they have numbered as many as 15 during an eight-hour period—Hyde must make out a call slip giving all pertinent information on what was wrong or what happened.

"The 15 in one night was very out-of-the-ordinary," Hyde says. "There was a severe electrical storm and many



TILFORD HYDE

buildings were without electricity for a period of time."

For repair or maintenance problems, Hyde telephones qualified men from General Services who are on call. The repairmen then do the work and report to Hyde when finished.

Hyde has been assistant foreman for the night watchmen almost 30 years—since Nov. 6, 1940. Prior to that, he was a janitor, starting to work at UMC Dec. 28, 1936.

Night watchmen work under General Services, the main foreman being Tommy Stone. Each man has a route of several buildings which he checks periodically for anything out-of-line: broken windows, water leaks, power failures, unlocked doors.

Accompanying the night watchman on his rounds is a clock. This is used to check in at each building to record his route and the time he reaches each station. "This is really a protection for the watchman rather than 'checking up on him,'" Hyde says. "If something goes wrong, we have the man's route sheet to back him up when he says he was at a certain place at a certain time."

A native of Columbia, Hyde is married to the former Miss Edith Melloway of Columbia. They live at 1500 West Ash and have one son living at home. The other five children are all older and living elsewhere in Missouri.

While the city and university community are at home in the evening, Hyde and the 24 other night watchmen maintain vigilance over UMC.

300 Long-Time Employees Honored for Service

More than 300 employees have been a part of this campus community for twenty years or more and so administrators and fellow workers join in recognizing the efforts and achievements of this extraordinary group.

Chancellor John W. Schwada in commenting on their service said: "I express the sincere congratulations and the gratitude of this office and campus to these outstanding members of the University community who have given many years of service to the school. Through their efforts, they have made a major contribution to the development of the Columbia campus and have served and continue to serve as a major influence in the further growth of this educational institution."

Those being honored for their contributions are:

40 or More Years

Non-Academic: Roy S. Long, agriculture foreman, food science; James C. Grant, custodial supply leadman, physical plant; Ethel A. Lewis, secretary-stenographer, army; Vera W. Ward, administrative assistant, graduate school.

Academic: Dorothy Nightingale, professor of chemistry; Charles F. Mullett, professor of history; Rogers Whitmore, professor of music; Donovan Rhynsbarger, professor of speech and dramatic art; Edward H. Weatherly, professor of English; Willoughby H. Johnson, professor of English; Russell Bauder, professor of business and public administration; James R. Lorah, professor of chemical engineering; Clifford M. Wallis, professor of electrical engineering; Harold C. McDougle, professor of veterinary microbiology.

30 to 40 Years

Non-Academic: Thomas H. Stone, building service foreman, physical plant; William Donaldson, animal technician II, veterinary medicine and surgery; John A. Singleton, farm worker III, directors office agriculture; Anderson Logan, assistant foreman, janitors; Ann Todd Rubey, senior assistant librarian, library; James Forward, technician, poultry husbandry; Tilford N. Hyde, watchman assistant foreman, physical plant; Eldon Breedlove, senior laboratory mechanic, electrical engineering; Homer J. L'Hote, assistant director, agriculture deans office; Arch Crane, agriculture foreman, agronomy; Sara E. Grant, assistant registrar, admissions; Raymond N. Curry, painter III, physical plant; Charles W. McLane, director of admissions; Hayden Crosswhite, janitor; Doris Thomas, secretary, extension; Taylor McBaine, electricians assistant foreman, physical plant; Doyle Logan, janitor.

Academic: Fred McKinney, professor of psychology; Merea Williams, associate professor of practical and vocational-technical education; Walter D. Keller, professor of geology; Frederick E. Shane, professor of art; John Burkeholder, professor, extension; Albert J. Dyer, professor of animal husbandry; John N. Falloon, advisor, extension; Clarence E. Klingner, professor, extension; Leonard A. Voss, instructor, extension; Lois Edna Knowles, professor of curriculum instruction; John M. Poehlman, professor of agronomy; Arthur W. Nebel, dean of social and community services;

Lloyd B. Thomas, professor at engineering experiment station; John C. Simmons, coach, intercollegiate athletics; Jack Matthews, dean of students; Bertis A. Westfall, professor of pharmacology; Chesney Hill, professor of political science; Marion W. Clark, professor, extension; J. M. Ragsdale, professor, extension; Charles M. Christy, associate professor, extension; Newell S. Gingrich, professor of physics; Lewis E. Atherton, professor of history; Leonard M. Blumenthal, professor of mathematics; Henry E. Bent, professor of chemistry; C. E. Marshall, professor of agronomy; D. T. Mayer, professor of agricultural chemistry;

Curtis W. Wingo, professor of entomology; Aubrey D. Hibbard, professor of horticulture; Russell V. Giffin, associate professor of romance languages; Harrison D. Comins, associate professor of civil engineering; Samuel G. Wennberg, professor of marketing; Ralph H. Luebbers, professor of chemical engineering; Clarence M. Woodruff, professor of agronomy; Willard Eckhardt, dean of law; Hoyt H. London, professor of practical and vocational-technical education; Ellis R. Graham, professor of agronomy; Donald L. Waidelich, professor of electrical engineering; William R. Galeota, director of student health service; Raymond A. Schroeder, professor of horticulture; James E. Smith, professor of horticulture; Josephine F. Flory, professor, extension; Robert P. Beasley, professor of agricultural engineering.

25 to 30 Years

Non-academic: Roy E. Smith, janitor; Walter J. Stockholm, control man, physical plant; Emmett B. Sappington, electrical foreman, physical plant; Eugene Beck, driver, physical plant; Harvey Karney, electrician helper, physical plant; Nelson Pipes, assistant auditorium technician, physical plant; George M. Hall, technician, plant pathology; Mayo Lampkin, janitor; Martha Barnett, secretary-stenographer, extension; John Henry Taylor, janitor, dormitories; Virginia Bornhauser, secretary-stenographer, extension; Jacob F. Forsee, painter III, physical plant; Mildred H. Allen, laboratory technician, veterinary microbiology; J. August Elbe, fireman, physical plant; Vera S. Kroencke, senior assistant librarian, library.

Academic: Margaret Mangel, director of home economics; Robert C. Manhart, professor of manage-

ment; Pinkney C. Walker, dean of business and public administration; Milo Bolstad, professor of mechanical and aerospace engineering; H. E. Brown, professor of entomology; Ralph Ricketts, professor, extension; William B. Bickley, professor of journalism; Joseph E. Edmondson, professor of food science; Donald E. Rodabaugh, professor of veterinary pathology; Virginia Norris, assistant director, extension; Viola M. Stanway, assistant professor of agronomy; Wilbur R. Enns, professor of entomology; Clay C. Cooper, assistant coach, intercollegiate athletics; Thomas W. Botts, coach, intercollegiate athletics;

Edward M. Palmquist, associate dean of arts and science; J. O. Keller, associate professor of physical education; Frank Graham, director, extension; Milton E. Gross, acting dean of journalism; Jacob Levitt, professor of botany; William F. English, professor of history; A. Sterl Artley, professor of curriculum instruction; Mary Jane Lang, associate professor of practical and vocational-technical education; Merle E. Muhrer, professor of agriculture chemistry; Melvin H. Marx, research professor of psychology; Loren D. Reid, professor of speech and dramatic art; Robert S. Campbell, professor of zoology; C. Arthur Berndtson, professor of philosophy; Earl F. English, dean of journalism; Charline Lindsay, professor, extension.

20 to 25 Years

Non-Academic: James R. O'Bannon, working assistant foreman, physical plant; Cecil N. Stull, assistant supervisor, physical plant; Rube Morris, leadman hospital equipment, building operating hospital; Norman Ashlock, assistant to the superintendent, physical plant; Joseph McKinstry, assistant foreman power plant, physical plant; George C. Zumwalt, associate manager, University bookstore; Clyde Dick, power plant machinist, physical plant; Amanda Colbert, maid, physical plant; M. L. Elder, power plant operator, physical plant; Fay McCray, director, fiscal business office; Margaret Peabody, supervisor, fiscal business office; William H. Rogers, upholster III, physical plant; Lawrence M. Walden, senior electronic technician, building operating hospital;

James B. Harris, assistant janitor foreman; William A. Washington, plumber III, dormitories; Milton Baker, food service worker IV, student health service; Frances Grant, food service worker IV, dormitories; Mildred R. Hunter, supervisor, fiscal business office; Allan W. Purdy, director, student financial aid; Estill E. Taylor, leadman painter, physical plant; Billy T. Brown, chief engineer, physical plant; Harry L. McDaniel, driver, physical plant; Ralph Baker, maintenance foreman, dormitories; Guiland Ravenscraft, painter assistant foreman, physical plant; Sterling Kelley, carpenter III, physical plant; William A. Bryan, electrician helper, dormitories; William C. Woods, storeroom manager, physical education; Cecil George, plumber III, dormitories;

Glenn Kemper, carpenter III, dormitories; Rufus L. Morris, assistant foreman steamfitter, physical plant; Olen Thornton, maintenance foreman, intercollegiate athletics; Exie Adkins, linen attendant, hospital; William B. Walden, coordinator, extension; Theodore R. Baker, painter III, dormitories; Dorsey H. Grant, driver, physical plant; Charles M. Baldwin, plumbing foreman, physical plant; Roger S. Conklin, technician, chemistry; Robert Vaughn, groundsman I, physical plant; Alma A. Bennett, senior assistant librarian, library; A. C. Stotler, director of the Union; Paul S. Cleek, fireman, physical plant; Kenneth S. Tisdell, associate librarian, library; George Washington, plasterer III, dormitories; Walter Rolley, janitor; Rowena McClanahan, housekeeping supervisor, dormitories;

George Edmondson, power plant operator, physical plant; Arley D. Crane, leadman floor refinisher, physical plant; Sam W. Barnes, technician, physics; Glyn Purcell, athletic attendant, intercollegiate athletics; Howard Reed, bus driver, physical plant; Harold L. Anthony, assistant purchasing agent, purchasing; William Callahan, director, intercollegiate athletics; Suzanne D. Kanatzar, senior accounting clerk, physical plant; Wilbert N. Willis, office supervisor, purchasing; Claude W. Irle, watchman, physical plant; Sol W. Bryson, assistant foreman building services, physical plant; Margaret Wilson, food service supervisor, dormitories; Ollie Mae Herndon, food service worker III, dormitories; Audrey E. Niles, food service supervisor, dormitories;

Harold Rosebaum, carpenter III, dormitories; Vinis L. Perkins, electrician, physical plant; John W. Woods, custodial supplies technician I, physical plant; Albert J. Flischel, assistant to superintendent, physical plant; Herman O. Mudd, herdsman, animal husbandry; Grace Ballenger, licensed practical nurse, hospital; Webster Wheelock, assistant librarian, library; Annie L. Watson, assistant executive housekeeper, hospital; Winfred L. Baker, supervisor, directors office agriculture; Jack M. Wenger, radiology technologist, student health service; Mary S. Thorp, secretary stenographer, entomology; William M. Reid, chauffer physical plant; Bernice Ford, clerk, bookstore; Frances Allen, manager, dormitories;

Susie A. Sallee, food service worker III, dormitories; Urban Wussler, station auditor, KOMU; Ira Nichols, painter III, dormitories; Clara C. Stephens, cook, student health service; R. Lucille Roberts, secretary stenographer, horticulture; Hazel Murdock, ad-

ministrative assistant, journalism; Earl Barnes, labor foreman, physical plant; James W. Cook, driver, physical plant; Sherman L. Turner, nursing technician, hospital; Thomas H. Capper, hospital patrolman, traffic safety; Robert H. Forbis, mason construction foreman, physical plant; Georgia C. Gray, clerk typist, development and alumni relations; Thornton E. Murray, working assistant foreman, physical plant; Marjorie E. Elbe, chief switchboard operator, hospital.

Academic: Walter V. Scholes, professor of history; William H. Lichte, professor of psychology; William H. Elder, professor of zoology; Clayton H. Johnson, associate professor of geology; C. R. Meeker, directors office agriculture; Robert S. Daniel, professor of psychology; Charles M. Hudson, professor of English; Cecil L. Day, professor of agricultural engineering; Alice M. Alexander, professor, extension; Joe H. Scott, associate professor, extension; Herbert Lionberger, professor of rural sociology; Francis L. Stubbs, professor of finance; Paul C. Polmantier, professor of educational psychology; Coy G. McNabb, professor, extension; James S. McKibben, associate professor of agricultural engineering; Elmer Kiehl, dean of agriculture;

Wilbur Stalcup, associate director, intercollegiate athletics; Horace S. Peet, directors office agriculture; Emalyn F. Turner, professor, extension; Cecil Gregory, professor of rural sociology; Boyd O'Dell, professor of agriculture chemistry; William H. Peden, professor of English; Mary L. Cummings, assistant professor of mathematics; Lloyd C. Christianson, professor, extension; Carl H. Chapman, professor of anthropology; Clifton C. Edom, professor of journalism; Leon T. Dickinson, professor of English; Edward Vredenburg, assistant professor of electrical engineering; Paul C. Burcham, professor of mathematics; Victor N. Lambeth, professor of horticulture; Frances Maupin, assistant professor of romance languages; Edward C. Lambert, professor of journalism; Louis G. Kahle, professor of political science;

Charlotte B. Wells, professor of speech and dramatic art; Ruth Allee, psychologist, student health service; Harold Bielier, professor of poultry husbandry; Richard C. Smith, professor of forestry; J. Wendell McKinsey, assistant director, agriculture economics; Cecil V. Roderick, advisor, directors office agriculture; Eileen E. Lineberry, associate professor, agriculture extension; Ralph H. Parker, dean of library and information science; Thomas H. Bell, director of journalism; Quinton B. Kinder, professor of poultry husbandry; Edward R. Wiggins, assistant professor, extension; Ruth M. Allen, associate professor of music; Robert F. Karsch, professor of political science; Daniel F. Millikan, professor of plant pathology; Frank D. Miller, directors office agriculture;

Gladwyn V. Lago, professor of electrical engineering; Arthur A. Case, professor of veterinary medicine; Paul A. Kohler, professor of accountancy; William D. Oliver, professor of philosophy; Dallas K. Meyer, professor of physiology; William F. Fratcher, professor of law; Karl H. Evans, associate professor of civil engineering; Carl M. Sneed, associate professor of mechanical and aerospace engineering; S. H. Bodenhamer, associate dean, extension; Albert R. Hagan, professor, extension; Edward E. Pickett, professor, directors office agriculture; Walter D. Russell, professor, extension; J. Mifford Nichols, associate professor of forestry; Lloyd Cavanah, associate professor of agronomy; Clarence Stevens, associate professor, extension; Carmel W. Ballew, director, extension; Oran A. Pringle, professor of mechanical and aerospace engineering;

James R. Tudor, professor of electrical engineering; Clarence L. Scrivner, professor of agronomy; Delbert D. Hemphill, professor of horticulture; Wesley S. Platner, professor of physiology; Toimi E. Kyllonen, associate professor of sociology; Lawrence McKinin, professor of art; Robert Callis, professor of counseling and personnel service; Norman Rabjohn, professor of chemistry; Robert W. Haverfield, associate professor of journalism; Lloyd M. Wells, professor of political science; Saul S. Weinberg, professor of art history and archaeology; Robert L. McNamara, professor of rural sociology; J. E. Savage, professor of poultry husbandry; Harry Berrier, associate professor of veterinary pathology; Walter T. Wilkening, advisor, directors office agriculture; Clarence M. Bradley, professor, extension.

Charles W. Gehrke, professor of agriculture chemistry; Paul Fisher, professor of journalism; George C. Shelton, associate dean of veterinary medicine; Loren D. Kintner, professor of veterinary pathology; Gilmer Dehn, youth agent, extension; Donald F. Drummond, professor of English; Robert Spier, professor of anthropology; Helen S. Allen, professor of home economics; Norman S. Lawnick, associate professor of physical education; Winfield R. Utz, professor of mathematics; Marvellee Michel, assistant professor of physical education; Kenneth B. Brown, associate professor of psychology; Wayne L. Decker, professor of atmospheric science; Jesse H. Wheeler, professor of geography; R. Brooks Polk, associate professor of forestry; W. Albert Brent, professor of romance languages; Arthur Witt, associate professor of zoology; John F. Lasley, professor of animal husbandry; Homer L. Thomas, professor of art history and archaeology; Myron G. Neuffer, professor of genetics.

Summer Repertory Theatre



Makeup . . .

Weeks of preparation came to an end July 6 as the players and technicians of UMC's Summer Repertory Theatre company launched a second season of summer theatre on the Columbia campus with the rousing, yet philosophical humor of "A Thurber Carnival."

Running through August 1, the season is comprised of three distinctly different types of comedy. In contrast to Thurber's hilarious sketches of American life is the black, menacing comedy of "The Empire Builders," Boris Vian's work which deals with contemporary problems of fear and alienation.

"A Flea in Her Ear," the third play, is a French farce concerning the frantic mis-adventures which result when a marriage gets mixed up with a hotel of questionable reputation.

The three shows are performed on a twice-weekly rotation schedule for a total of 24 performances.

The productions were perfected in a single month of preparation. To accomplish the feat, three 3-hour rehearsals were held each day. Four members of the company appear in each play and the remaining players perform in two shows and double as technical crew members for a third.

During hours when company members were not required for rehearsal or technical work, they had to learn lines, develop characterizations and psychologically prepare themselves.

These activities, though required of actors in any production, were particularly problematic when the performers' work was doubled or tripled by preparations for more than one role. In the case of "A Thurber Carnival," the procedure was multiplied several times since all actors in that show play a number of characters as dictated by its revue format.

Technicians also were faced with more than ordinary difficulties. Lighting had to be designed and executed so that, with only minor modifications, it could serve three different types of productions. Three sets of costumes were designed and constructed. And three full stage settings had to be designed in such a manner that they could be taken apart, conveniently stored, and reassembled quickly and efficiently.

Curiously, the intensity of the work required is one of the great attractions to the company members who were selected in competitive auditions and interviews. The demands of the repertory system—complete concentration on theatre, tight scheduling, absolute discipline, and forced versatility—provide ideal conditions for perfecting one's craft. Such an atmosphere encourages performances in which actors stimulate and respond to one another, thus creating a true creative ensemble.

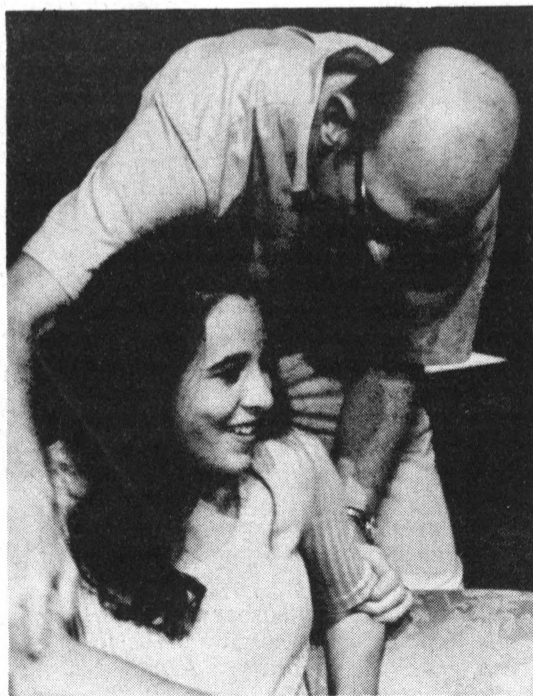
Tickets for all performances of the Summer Repertory Theatre are available now in the theatre lobby or by calling 449-8292 between 1 and 9 p.m.



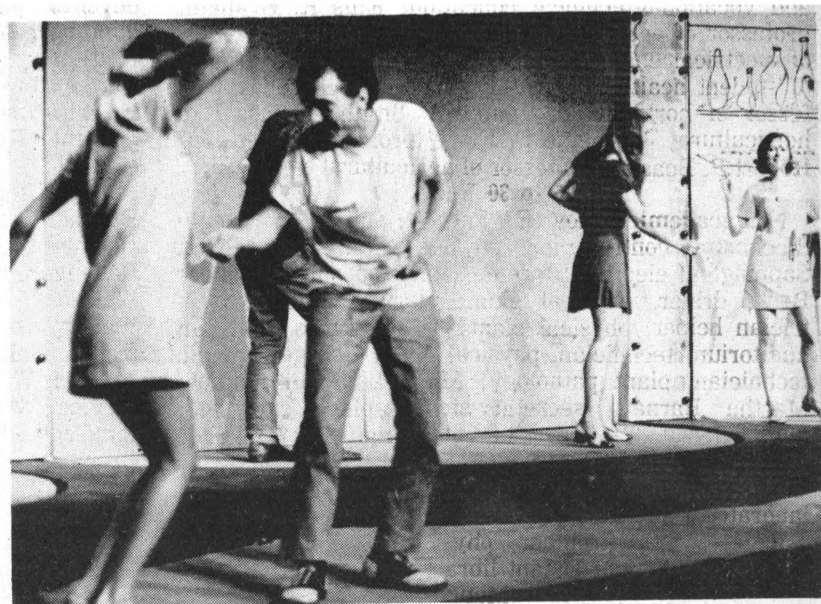
And Lighting . . .



And Costumes . . .



*And Practice,
Practice, Practice . . .*



Calendar of Events

CONCERTS, PLAYS

July 10, 15, 18, 20, 23, 28, 31: "The Empire Builders," 8:15 p.m., University Theatre. Summer Repertory Theatre Production. Ticket: \$2.

July 11, 13, 16, 21, 24, 29, Aug. 1: "A Flea in Her Ear," 8:15 p.m., University Theatre. Summer Repertory Theatre Production. Ticket: \$2.

July 14, 17, 22, 25, 27, 30: "A Thurber Carnival," 8:15 p.m., University Theatre. Summer Repertory Theatre Production. Ticket: \$2.

FILMS, EXHIBITS

July 10 and 11: Family Film: "The Music Man," 9 p.m., Friday at University Theatre, Saturday at University Village. If rain, Memorial Union Auditorium.

July 12: "The Days of Wine and Roses," 8 p.m., Jesse Auditorium.

July 15: SA Film: "Dames," 7 p.m., Memorial Union Auditorium.

July 17 and 18: Family Film: "Alice in Wonderland," 9 p.m., Friday at University Village, Saturday at University Terrace. If rain, Memorial Union Auditorium.

July 19: SA Film: "The Bridge Over the River Kwai," 8 p.m., Jesse Auditorium.

July 24 and 25: Family Film: "Pollyanna," 9 p.m., Friday at University Terrace, Saturday at University Village. If rain, Memorial Union Auditorium.

July 26: SA Film: "Ship of Fools," 8 p.m., Jesse Auditorium.

July 31 and Aug. 1: Family Film: "The Absent-Minded Professor," 9 p.m., Friday at University Village, Saturday at University Terrace. If rain, Memorial Union Auditorium.

Aug. 2: SA Film: "The Sundowners," 8 p.m., Jesse Auditorium.

To July 31: Faculty-Student Art Exhibit, Brady Commons Gallery.

To Aug. 7: People and Places Exhibit, Brady Commons.

CONFERENCES, INSTITUTES

To Aug. 7: Summer Institute in Chemistry and Physics for secondary school teachers. Held by the department of chemistry.

July 17-19: State Fire Conference, 10 a.m., Memorial Union. Sponsored by the Missouri Municipal League and the Missouri Inspection Bureau.

July 21: Interdisciplinary Conference on Physical Science and Biology. Physics Building. Sponsored by the department of physics.

July 27-31: Missouri Conservation Commission Conference, 8 a.m., Memorial Union.

July 28-29: Beef Cattle and Calf Clinic, Arts and Science Auditorium. Sponsored by the department of animal husbandry.

Aug. 9-12: National American Agricultural Economics Assn. meeting.

COURSES, WORKSHOPS

To July 11: Methods of Teaching Language, Composition and Literature, 8 a.m., sponsored by the College of Education and the department of English.

To Aug. 7: Summer field training course in environmental sanitation, Physics Building. Sponsored by the College of Engineering.

July 13, 15, 16, 20, 22, 23, 27, 29, 30: PL-I, 4:30 to 5:30 p.m., Math-Science Building. Sponsored by the Computer Center.

July 13, 15, 16, 20, 22, 23, 27, 29, 30: Fortran, 4:30 to 5:30 p.m., Math-Science Building. Sponsored by the Computer Center.

July 14, 21, 28, Aug. 4: Rapid Reading I, 7 p.m., 2-7 Agriculture Building. Sponsored by the Testing and Counseling Service.

July 16, 23, 30, Aug. 6: Rapid Reading II, 7 p.m., 2-7 Agriculture Building. Sponsored by the Testing and Counseling Service.

DEADLINES, OTHER EVENTS

July 20, Aug. 3, Sept. 14: Orientation for new employees, 2 to 5 p.m., S204 Memorial Union. All new employees should attend one session. For further information, contact Personnel Services.

July 17: Deadline for stories for next Faculty Bulletin.

Aug. 7: Summer session ends, 7 p.m. Commencement ceremonies in the evening, by the Columns.

Policy and Procedure

The University's policy on vacations is important to employees at this time of the year.

Vacations

All full-time members of the administrative, service and support staff accumulate paid vacation time from the date of employment as follows: For administrative, sub-administrative, supervisory and any other staff members designated by the President of the University, paid vacation is accumulated at the following rate:

Length of Service	Vacation Per year
0 to 5 years	3 weeks
Over 5 years	4 weeks

Clerical, maintenance, service and any other employees in similar jobs

designated by the President of the University, accumulate paid vacation at the following rate:

Length of Service	Vacation Per Year
0 to 5 years	2 weeks
5 to 20 years	3 weeks
Over 20 years	4 weeks

New employees who have completed six months continuous employment are credited with vacation time accumulated from date of employment. There is no paid vacation privilege during your first six months of work.

Paid vacation time is not granted to personnel who work less than 40 hours per week. Paid vacation time must be earned before it may be taken. Vacation time does not accrue during authorized absences without compensation. Extra pay is not made in lieu of a vacation leave.

For those employees who are employed on a nine or ten months basis, the vacation time due is pro-rated over the number of months the employees works during the year.

Employment Opportunities

Job opportunities exist at many locations on campus including the Medical Center. Some of the vacancies offer promotional opportunities, others are entry level. If you are interested in promotional possibilities contact your Personnel Office, 307-309 Hitt St., 449-8591, or Room E27, Medical Center, 442-5111 ext. 665. The following are representative of available openings.

- Policewoman
- Accounting clerks
- Secretary-Stenographers
- Assistant cook
- Medical Center:**
 - Chief Animal Technician
 - Registered Medical Technologist
 - Nurse Anesthetist
 - Registered Nurse
 - Staff Nurse

Many positions are filled by people referred by employees or friends of employees. If you know of anyone seeking employment, please tell them about working at the University and encourage them to apply at the Personnel Office.

Letter

To the Editor

Dear Editor:

In regards to your attempts to promote a "Claim to Fame," I implore you not to use the category — largest family. That is definitely nothing to brag about these days. I suggest you start a box entitled "Pollution Pointers," and feature simple, everyday ways that man can do his part to help prevent pollution. Just one tip per issue, but make it stand out prominently.

Sincerely,
Mrs. Curtis Wingo

Editor's Note: We think Mrs. Wingo has a good idea for a worthwhile Campus Columns feature to begin with the September issue. Anyone who has any "Pollution Preventer" suggestions are invited to submit them to Campus Columns, 223 Jesse Hall, for publication.

The Carpool

Need riders:

Needs two riders from Auxvasse to Jesse Hall. Contact Phyllis Foster, 449-8041, Ext. 308, or 386-5161 after 6:30 p.m.

(Need a ride or rider? Send name, phone number, point of departure and destination and whether you need a ride or rider to Campus Columns, 223 Jesse Hall, by July 3.)

CAMPUS COLUMNS
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223 Jesse Hall
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Alice Crosby Leaves Med Center As Director of Employee Health

Alice Crosby retired recently from her position as director of employee health services at the Medical Center.

At a recent party in her honor more than 230 Medical Center employees presented her with a silver casserole dish in honor of her more than five years service.

Dr. Crosby joined the Medical Center staff in 1965. In addition to her position as director of employee health she also held an appointment as an assistant professor in community health. Prior to her work at the Medical Center she was in private practice in Salem, Mo., where she delivered more than 1,500 babies during a 10-year period.

A native of Grand Rapids, Mich., Dr. Crosby received her bachelor's degree in physical education and an M. D. degree from the University of Michigan.

In addition to serving the medical

needs of Medical Center employees Dr. Crosby is the mother of two boys and two girls.

Her husband John S. Crosby is a research associate with the U. S. Department of Agriculture, working in the University department of forestry.

Obituaries

Edgar F. Ebert, professor of veterinary medicine and surgery, died in a tractor accident June 29 at his farm near Rocheport. Ebert joined the faculty in 1950 as director of clinics and served in that capacity until 1956. He has also served as chairman of veterinary medicine and surgery and is a well known specialist in the area of equine medicine.

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University of Missouri

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