Government Given First
In State History Series

Gov. Warren E. Hearnes on Sept. 8 received the first book of a series on Missouri history which is being published by the University of Missouri Press as part of the state's sesquicentennial observance.

The presentation was made by University of Missouri President C. Brice Ratcliffe during a ceremony this morning in the Governor's office.

The series will be one of the most significant ever published on Missouri history," Dr. Ratcliffe said in making the presentation. "Not only will the series be a comprehensive documentary of the state's history, but the books are being written and presented in a manner which will be of interest and value to the layman as well as the scholarly historian.

The first volume is entitled "A History of Missouri, Volume I, 1820 to 1839." The author is William E. Foley, associate professor of history at Central Missouri State College, Warrensburg.

The book is the first volume of his five-volume Missouri Sesquicentennial History to be published by the University of Missouri Press. The Sesquicentennial History is a joint endeavor of the University of Missouri, the University of Missouri Press and several colleges in the state.

Attending the ceremony today were several representatives of the University of Missouri-Columbia, the collegiate, and Hearnes State College, Fulton. Authors of the series are from these institutions.

In the first volume, Hearnes covers the pre-statehood period beginning with the arrival of the first Europeans in the area in 1673 to the final campaign for statehood in 1820.

The other four volumes, one to be published in each year of the 16-year period, will be written by four other historians from the three universities.

Copies of the volume will cover the period from 1820-1939, while the third volume will deal with the Civil War. The fourth will cover the period from the Civil War to the early 20th century and will be authored by Dr. V. F. Panish. The fifth volume will cover the period from 1900 to the present, and will be written by Dr. J. A. McEneny.

The first volume, containing 337 pages, has an imprint of the Missouri state seal on its cover. Copies of the book can be obtained from the University of Missouri Press, Swallow Hall. The price is $9.95 each.

Workshop Open
For Teachers of German

Adolph E. Schroeder, professor and chairman of German and Slavic languages, has announced that the Missouri chapter of the American Assn. of Teachers of German (AATG) and the German Teachers Workshop will be held jointly Saturday, Oct. 1.

The meeting is open to all Missouri teachers and prospective teachers of German, whether they are in elementary, secondary or college and university level of instruction. Teachers are also encouraged to bring students who may be interested in the featured program.

Dr. Schroeder said that AATG is not necessary for participation.

While there will be a brief business meeting, the focus of the day will be on the chief guest speaker: the national president of AATG, Guy Sterin, professor at the University of Iowa.

Consil Hamm of the St. Louis German consulate, will be an honored guest at the noon luncheon.

Registration for the meeting through Extension's Adult Education and Short Courses Office will close Oct. 1.

Mental Health Program
Gives Chaplain Training

The first Clinical Pastoral Education program in Columbia was held this summer at Mid-Missouri Mental Health Center and the UMC Medical Center according to the CPE supervisor, Chaplain John J. Gleason, Jr.

This training program is designed to help close the gap between books and people-between the theory and practice of ministry.

One-week, full-time training experience is under the auspices of the Assn. for Clinical Pastoral Education, Inc. (an eccenomical body with 270 accredited training centers and 110 members, includes staff). The Mid-Missouri Chaplain Corporation (a local interfaith group) provides pastoral service at the Medical Center.

In addition to the new training program, the position of hospital chaplain and pastoral counselor is also relatively new to both the Medical Center and the Mental Health Center. Chaplain Gleason, who began work at the two health care facilities about a year ago, explained that his role is to participate actively as a member of the rehabilitation and treatment teams and to offer ministry to persons and social groups in crisis.

"There are a variety of ways to work toward these goals," he explained. The chaplain greets new admissions, affirms at worship services and provides support for the patient and family in times of need, and administers the last rites. Also, he works with pastoral counselors and conducts individual and group contacts with patients when his role as the most qualified therapist; he can also serve as a consultant in the interpretation of religious ideology and behavior.

Since arriving at UMC and MHHMC, Chaplain Gleason has become a regular in community education and consultation. He has conducted several workshops for area ministers and served as a counselor in pre-retirement planning.

"Local ministers are often the first person to whom a family will turn for help and we sometimes assist this vital crisis ministry.

To Interview
Aspirants for Public Office

MSA President Chip Casteel has announced the formation of a select MSA political action committee (PAC) for student candidates for public offices which have some effect on the University in general and area, subjects. Special emphasis will be given to the office of Governor. Following the interviews, the group will make recommendations to the student body and the public.

MSA as well as many other campus and civic groups, has also been conducting a voter registration drive recently.

Casteel emphasized that the group did not want to be the typical student lobbying group, and that discussion regarding candidates' philosophies and the proposed policies in any area of state affairs would certainly be given consideration.

The group is composed of six members drawn primarily from the MSA Executive Officer. The members are: Casteel; Mark Pope, MSA legislative vice-president; Randy Maness, ass't to the MSA president; David Cartwright, legis. ass't to the MSA president; David Pettyjohn, administrative advisor to the MSA president; and Paul Peters, pres. MSA president.
Calendar of Events

The Car Pool

Pamela Kotsenburg and Elda Hannah need help in and out of the Barn. They both work at the Medical Center Business Office, 8-3, Monday through Friday. Home telephone numbers are Miss Kotsenburg, 581-4888; and Miss Hannah, 581-1088.

(need a ride? Campus Commotes will list names and phone numbers. Send name, phone number, point of departure and destination and whether you need a ride to Manager of Commites, 223 Jesse Hall, by Oct. 8.)

Policy and Procedure

Have there been any big changes in your life recently? The answer, as your employer needs to know if you have moved to a new address, if there’s been a change in your marital status or a birth or death in your family.

Three departments should be notified if you change your address: the Payroll Office, the Personnel Office and your own department. Your communication is important to you may be misdirected if your correct address is not on file.

Change in marital status, birth or deaths in your immediate family should be reported to your supervisor and the Personnel Office. Such changes affect your income tax deductions and insurance benefits. Section of the Personnel Office will handle changes affecting your insurance coverage.

Certificate of notification of change of address or change in exemptions also report changes in employment such as change from full to part-time work, or change in University employ- ment of either husband or wife.

These changes must be reported to the appropriate campus office within 30 days after the changes have taken place.

Obituaries

Cecil Milford George, plumber III for the Housing Department, died June 23. He started work for the University April 19, 1947, as a plumber helper and was promoted to proplumber July 1, 1960.

M. Imogene Reed, quotation clerk for the Purchasing Department, died July 23. She had been with the University since April 8, 1967.

Dirk Van der Reyden, associate professor of industrial engineering, died July 4. He began with the University in that capacity on July 16, 1963.
Sue Origila is a young woman who always wanted to be a secretary and a professional. She has been a well-qualified secretary for several years, but this year she earned special recognition as a Professional Secretary. As secretary in the department of electrical engineering, she took advantage of evening courses at Hickman High School made available through the UMC personnel office. Her professional and personal improvement.

One course at Hickman provides preparation and study for the twoday Certified Professional Secretary examination, developed and sponsored by the National Secretaries Assn. Sue's studies last year helped her pass the annual examinations in May on her first attempt in a new one of only eight such qualified secretaries in Columbia and the only one at UMC. (Since the National Secretaries Association undertook classification in 1966, 5,056 have attained CPS status. Missouri ranks 16th.)

Mrs. Helen Foulk, formerly of the UMC athletic department, is a CPS, and now conducts the preparation course at Hickman. "It is interesting and encouraging," Mrs. Origila notes.

Areas of study include environmental research, governmental policy, economics of management, financial analysis, and the mathematics of business administration and decision-making and office procedures. Recalling the examination, Mrs. Origila believes the clerk needs a knowledge of business law and the many facets of office management.

Cyrus O. Harbort, electrical engineering department chairman, says he was pleased but not surprised at Mrs. Origila's accomplishment. "Her effectiveness in all aspects of this demanding position has increased markedly since she began her duties with quiet competence in 1968. As his personal secretary and he says, "in effect, administrative assistant and office manager for the department, she must be ready with answers to a bewildering array of questions regarding UMC personnel, academic and fiscal operations which arise throughout a department of 420 undergraduates, 110 graduates and some 30 faculty members."

Mrs. Origila is a native of California, Mo., where her mother, Mrs. Dorothy S. Howard, is an independent professional businesswoman.

After two years at Culver-Stockton College, Canton, Mrs. Origila spent her junior year at the University of Grenoble in the mountains of Switzerland. She came back for her UMC bachelor of arts degree in French in August, 1968, and semester was obtained by writing her thesis immediately after completing it.

Her formal training was only in shorthand and typing, she had spent four seasons as secretary-for-the-summer-in-the-Jefferson City office of Leeland R. Hall of California, Capital Claims, Inc. She adds, "Maybe my background in French and year in Europe helped in the understanding of empathy with foreign students. We have five or ten per cent in unison three languages, including engineering and more in Graduate School."

She also found romance in the European career, and Gino Origila of Rome came to Columbia soon after she returned to work. An Italian who grew up to become a successful citizen, he became manager for a mobile home sales firm.

The Origilas enjoy the company of over international couples. Both are "an upper section" of the UMC French films and the annual dramatic performance of the French club, is sponsored by the French government.

Mrs. Origila sees the CPS as a good professional asset. She would like to specialize some day as a legal secretary, perhaps as a re-entry career.

"Referring to her field in general, she says, "Most important executives need a professional secretary, but there might be a better image, a better title..."

At this time her staff consists of two female assistants, one male and several student aids. From time to time, informal training for her staff, although she feels that training is important. "If I can inspire a younger girl to be a good secretary, I will be proud."

Information about the Certified Professional Secretary course and numerous other business courses available each fall may be obtained by the departmental chairman or through the personnel office, 300 E 5th St., 449-8311.

Going over their newly-revised campus tour notes are hosts and hostesses for the tours, Mr. and Mrs. Kevin Shroyer. There are some fifty uniform members of the Arnold Air Society and fifty members of its Auxiliary, sponsored by Air Force Detachment 440. UMC staff members, students, visitors and prospective students may request a free or extensive tours, by small groups or by busload.

There is no charge for the service. Tours may be arranged by contacting the Office of Public Information, 223 Jesse, 9311.

Edwin H. Weatherly, professor of English, will retire Dec. 31 after more than 34 years service to the University. He began as assistant professor Sept. 1, 1937, and was named associate professor Sept. 1, 1946. He was promoted to full professor Sept. 1, 1946.

Mayo Lamplik, janitor for the Physical Plant, Oct. 17 after 27 years service at UMC. He started as a maintenance employee Oct. 17, 1944, and was named to his present position Dec. 26, 1945.

William A. Bryan, maintenance man for the Housing Department, will retire Sept. 20 after more than 24 years with the University. He began as a watchman March 8, 1947, and became an electrician's helper Oct. 6, 1947. He was named electrician I July 1, 1961. He was named to his present position Nov. 5, 1965.

Norton O. Evans, window and wall washer for the Physical Plant retired June 3. He had served the University for more than 17 years. Evans began work Jan. 11, 1964, as a floor maintenance man, and was named window washer July 1, 1961.

Ruben F. Morris, hospital pasteurman for the Medical Center, retired July 8. He was with the University 13 years, having begun as pasteurman June 10, 1958.

Clifford A. Pemberton, maintenance worker in the director's office, will retire Sept. 30 after 30 years with the University. He began work April 30, 1966.

Arthur W. Larey, plasterer I for the Physical Plant retired Sept. 30 after 33 years with the University. He began work April 16, 1965.

Ruth N. Cornet, senior accounting clerk for the Medical Center, retired Sept. 30 after five years with the University. She started work Sept. 6, 1966.

Gentlemen and others, please note:

Many U. S. housewives who conscientiously shop around for phosphorus-free detergents are wasting both time and money, according to Darrell I. King, internationally known ecologist.

"Several important points are being overlooked in the current phosphates controversy," he said. "First of all, phosphates are not poisons. They're nutrients required for normal plant growth. It's only when an excess of phosphates is supplied, usually in the discharge of effluent from sewage treatment facilities, that aquatic plants grow at uncontrolled rates and present pollution problems."

King, who's an associate professor of civil engineering, also points out that not more than 56 per cent of the phosphates discharged from treatment plant comes from household detergents anyway. The rest is in the waste itself.

"Another often overlooked fact," he said, "is that a lake should be stocked with enough phosphates to trigger the growth of aquatic plants. Without it, there no way plants can use the phosphates to grow and cover the surface of the water with a disagreeable layer of green scum.

"This is why Missourians should be thankful for their muddy rivers. I don't know what it would be like without them. The diversion way into the Mississippi or the Missouri. Their murky, still-waters evidently effectively screen out any light that could act on phosphates and cause the excessive growth of aquatic plants."

However, King identified Missouri's Lake of the Ozarks region as a potential pollution hotspot.

"Here we have a tremendous build-up of waterfront cottages and resorts," he said, "and a great deal of the phosphorus in the wastes they discharge finds its way into the lake water. In fact, there may be some rather serious problems here when the Harry S. Truman Dam upstream from Lake of the Ozarks is completed. Whenever the gates are closed, much of the silt in the water behind the dam will settle out and fall to the bottom. The result is that a great deal of clear water will be released into Lake of the Ozarks when the gates are opened.

"This, together with phosphates and other plant nutrients that find their way into the lake, will encourage the uncontrolled growth of aquatic plants and pose some real pollution problems."

King pointed out that Michigan has a law requiring the removal of phosphorus from treatment plants before any effluent is discharged into the Great Lakes.

"But the problem here," he said, "is that getting rid of this phosphorus is economically. Once it's chemically precipitated and winds up in the bottom of a holding tank, what do you do with it?"

Commonly, treatment plant sludge is disposed in huge piles for drying and later buried or perhaps spread on farmland for fertilizer. Trouble is, it's a processing operation, too. Most farmers find it less trouble to spread prepared commercial chemical fertilizers on their fields.

Anyway, King says that people who live in cities like St. Louis and Kansas City needn't worry about dumping phosphates into their waterways and upsetting their ecological balance. There'll be no ill effects as long as Missouri's muddy rivers don't suddenly become bank-full with clear, sparkling water.
Employee’s Ingenuity Helps Med Center Run Smoothly

The skeletons now hang safely on the Multi-Disciplinary Labs of the students in the School of Medicine, thanks to Lester Banning, assistant carpentry foreman in the maintenance department of the Medical Center. "There was really nothing unusual about it," says Banning, who was recently commended by Dr. Dix Taylor, head of the lab, for designing a skeleton stand which prevents students from accidentally tipping over the valuable pieces.

In a letter to associate dean Jack Colwill of the School of Medicine, Taylor said that since the new stands were built, not one skeleton has been overturned. Dr. Colwill expressed his appreciation for the savings, as broken skeletons were costing the School of Medicine $75 to $100 each to repair, until Banning came up with a solution. Realizing the stands needed a taller base, Banning constructed new ones from government surplus metal.

Before coming to the Medical Center 13 years ago, Banning spent 15 years in the plumbing and electrician business. Prior to that, he worked as an electrician in the Navy, serving on board amphibious craft in the Pacific. His first three years in the Medical Center, Banning worked with plumbers, serving as an on-call electrician on the week-ends.

Although Banning insists that there is not anything unusual about himself, he admits to building walnut furniture as his hobby. "I can’t do anything else," he said. Banning enjoys fishing, "anywhere where there’s water."

The particular responsibilities of a hospital often cause carpenters’ plans to become second. Banning says there is more incentive for these workers in a hospital. "You have an added feeling here that you might want to give a little more because of the job the hospital is doing for the average citizen." Banning recalled the time a doctor wanted him to build metal still-feners for mitrises to keep a patient’s fingers straight. "Often doctors want pieces of equipment altered, so we have to improvise." He smiled as he said, "We don’t always succeed."

The most unusual "job" Banning ever undertook occurred about five years ago. Medical Center employees arrived one morning to find the handle on the safe broken. After drilling through the lock, but failing to find the trigger, Banning had to drill a hole through the wall into the safe. "We had to break into our own safe," he said.

A. W. Tharpe, chief engineer in maintenance, says, "I’ve never seen anything that Lester Banning couldn’t do. He is a qualified electrician, plumber and sheet metal worker, in addition to being good with his hands."

Lester Banning (right) discusses a work request with carpenter Louis walker.

Recipe of the Month


to give you—both my grandmother’s—handed down recipes. One of them is this fruit sherbet. I don’t know whether she devised it herself but the flavor has been using it for a long time."

The dishes—about average family sizes—makes a quart. For larger servings just double or triple the recipe as needed.

FRUIT SHERBET

4 oranges, juiced
4 lemons, juiced
4 bananas
4 scant cups sugar
Water

Mix allogtogether and freeze. Then beat until creamy. Freeze and serve.

(Campus Columns would like to locate male readers who like to cook, either occasionally or regularly. If you even have favorite recipes, let us know so we can pass them on to our readers.)

Faculty Handbook

A Faculty Handbook, containing a general range of information, a list of officials and interest to new and prospective students and parents, has been published by UMC and is in the process of being distributed.

The handbook contains general information about the University and the UMC Campus, University government and policies, the faculty, the administration of the university, its facilities, the University Book store which it held throughout his college career. Myers served in the Missouri General Assembly as a state representative in 1955-56. He was prosecuting attorney of Jasper County in 1946-48.

Students, Employees Benefit From University’s Fleet of Buses

If bus drivers become bored with the monotony of regular trips over the same route, they might consider joining the fleet of "leave the driving to us" crew at UMC.

The 10 drivers of the 17-bus fleet have a variety of trips guaranteed not to be boring.

One bus runs day and night, five days a week, transporting handicapped students from homes to classrooms. Another makes runs seven days weekly to Moberly to transport 45 employees to Columbia.

Then there are the geology field trips, most of which are at three or four sites within 50 miles of Columbia; agronomy field trips that might go anywhere, wildlife field trips to such far away places as Brookfield and Westphalia; dairy field trips to the Penney farms west of Columbia; agricultural economics trips four times a year to St. Louis or Kansas City. They might haul physical education students to golf or canoeing classes, or transport the band to practice fields three days a week — in the fall — on football trips. On baseball trips, football and baseball, are transported frequently in bad weather when practice field changes are required.

Lowell Ritter, superintendent of transportation, finds nothing unusual in having only 10 drivers for 17 buses.

"We have extras from other departments who are on call when we need them," he said. "These calls usually are made from September through November and from March through May when our peak loads develop. We may have as many as 14 or 15 trips scheduled each day, although scheduling may make it possible for one bus and driver to fill as many as three of them."

Ritter has charted the Moberly run through its six years of operation...two round-trips a day are necessary, except only on Sundays, because UMC is a 24-hour operation and the employees are on different shifts.

"We have been lucky on the Moberly run," Ritter explained. "More than twice in six years has weather halted our schedule." He also noted few cases of bus trouble that required dispatching emergency service, a record of never arriving late more than four or five times, and only one accident causing injury, none serious.

The drivers are all experienced, union drivers. They receive extra compensation for night and weekend work, as well as overtime beyond normal work hours.

Employees transported from Moberly mostly work at the Medical Center or for Housing.

The Moberly bus is the only one concerned with employees. Others, for the most part, are involved in the educational program of students. These trips are for study, not for recreation, since they are used as outdoor laboratories. Physical education students, for example, use the fleet of educational training programs, and the band trips for practice, if not for football appearances, might well fail in the same category.

Departments may arrange bus use by calling Ritter at 449-9101 (Ext. 268) or directly at 449-9600.

Honored at a farewell party at the Memorial Union June 25 was Tommy Stone (right), who retired after 38 years with the University. At left is L. C. Mlodzik, supervisor of maintenance trades at the Physical Plant, and Rex Dillow, assistant superintendent of the Physical Plant.

William C. Myers, Jr.

Webb City Man Serves As Curator

William C. Myers, Jr., Webb City, first was appointed to the Board of Curators in 1965 to fill an unexpired term. He was reappointed by Gov. Warren E. Hearnes March 25, 1969, for a six-year term.

He served as President of the Board during the 1968-69 year.

Myers is a lawyer who received his LL.B. degree from UMC in 1949. His education was interrupted by World War II; later he entered the University in 1940.

He served with the U. S. Army Corps of Engineers as a labor relations officer from 1941 and in the U. S. Army Air Corps from 1942 to 1945. He was a pilot in the Eighth Air Force in the European Theater of Operations.

On returning to campus in 1945, he resumed his studies as well as a position as the University Book store which he held throughout his college career. Myers served in the Missouri General Assembly as a state representative in 1955-56. He was prosecuting attorney of Jasper County in 1957-60.

Rube Morris (center), who did repair work on patient equipment at the Medical Center, is shown at a retirement coffee in his honor. Sept. 1. Morris worked here for 28 years. With him at left is his superior, A. W. Tharpe, chief engineer for Medical Center maintenance, and Raymond Holbert, U-wide director of the Physical Plant.
If, in the past day or so, you opted at least once to eat out rather than open a can of soup at home, you're the average American causing the food service industry to hang out its "Help Wanted" sign.

The National Restaurant Assn. reports that the industry has arrived at sales of nearly $30 billion dollars per year by adding up the figures from such diverse operations as coffee shops; self-service restaurants; tea rooms and sandwich shops; summer camps and resorts; employee cafeterias; hospitals; school lunch rooms; military messes; vending operations; and the food facilities of airline, steamship and railroads.

Food service has grown to such massive proportions that it is now the nation's third largest employer of labor. And that's where UMC's program in Commercial Food Service and Public Lodging Management comes in; this course of study is preparing students for the top managerial and supervisory level positions critical to the growth of the food service industry in the years ahead.

Says John Welch, food science and nutrition professor and coordinator of the program, "The first year for the program accepts only one student and student graduated in 1970. Last June we graduated five more students who transferred to the program from junior colleges or other universities. All now have positions in the food service industry."

Dr. Welch says it's easy to account for the demand for his graduates. "About 10 percent of the 75,000 new workers needed each year by the industry must be at the managerial level which means sophisticated, collegiate training. But the nation's schools are producing only about 4,000 of these 7,500 managers each year. That's nearly a two positions available for every one graduate we can produce."

And another measure of the program's future is its growth rate. In 1969 we started with one student; the next year there were 18. This year we have 25.

Welch, on the faculty here since 1969, says it was that year that the Missouri Restaurant Assn. contacted Brice Batsch, newly appointed director of agricultural extension, and asked him to initiate a specialty in food service management. Welch was then employed in the statewide service, a food service specialist, with the many courses dealing with food service—restaurant, school lunch and institutional—half his time in extension work around the state and the rest on campus. But until 1969 there still was no course on lodging management in the curriculum.

He credits D. M. Graham, professor and chairman of food science and nutrition, with pushing the program to its present full development and continuing expansion.

The food service and lodging management program has been carefully prepared to take into account both educational theory and on-the-job training. Welch is emphatic in his belief in the necessity for both aspects in the program. "This is not a junior college or trade school level program. A student's curriculum will include a sophisticated, tailor-made combination of courses in five areas: verbal and written communication skills; human relations— including personnel management, psychology and sociology; 'atmosphere' creation of a saleable food product for profit. The last includes study of food service equipment, preparation of foods, food purchasing and menu creation allied with accounting, marketing, business law, and food service management principles."

"However sound the educational theory," Welch continues, "we still need practical experience. About 10 percent without at the same time developing skills through actual experience. So we provide each student with a minimum of 400 clock hours of field training at a commercial or institutional food and lodging establishment."

The training experience ideally should benefit both the student and the host establishment. "The student is obviously going to learn from doing, but the commercial concerns can also benefit from taking a good look at its management practices, personnel, safety and sanitation procedures, and so on."

"One particularly perceptive student trainee noted in her report to the food science and nutrition department that the kitchen of the establishment where she worked ignored safety practices in the handling of cooking fats; she predicted a fire if safety practices were not upgraded. They weren't; three weeks later a fire inflicted heavy damage to that kitchen."

"We regretted the fire but the incident pointed up the effectiveness and thoroughness of our management program," Welch smiled.

The training program is funded by two major grants: a $5,000 grant from the Missouri Restaurant Assn. with their accompanying pledge of $5,000 for each of the next two years. "This is real grass roots support for our efforts," says Welch, "because 100 individual members of the state association put up the money for their grant to us."

Because of the continuing demand for higher level managerial personnel and the program's link with the extension division, Welch believes a wide variety of people are eligible for and would be interested in enrolling for all or part of the program. "For example, a University employee, under UMC's Educational Assistance Program, could get the low-cost education with a bright future, depending on his pre-existing educational background. Or he could enroll as a special student, not working toward a special degree, yet providing himself with highly marketable specialized knowledge," Welch points out.

And with Americans by 1975 consuming one meal in three outside their homes, there seems to be plenty of room at the top for those who can coordinate and manage food services.

Drug, Eclogy
Rental Films
Now Available

Films on drug use and abuse and on ecology are now available from UMC.

A selected list of rental 16 mm sound films—nearly a dozen on drugs and more than 100 on ecology—has been mailed to Missouri's public and private schools.

A complete film catalog listing all 6,000 films and or the new bulletin may be obtained free from: Audiovisual and Communication Service, University Extension Division, Whitton Hall.

The films are in the UMC Audiovisual and Communication Services Library, University Extension Division. A 30-year-old service to the state's citizens, the library now holds more than 6,000 films, covering many fields.

The annotated bulletin was issued at this time, Director Carmel Ballew says, as a possible resource for public schools in developing drug education programs now required by state law.

Contents of the bulletin also can provide materials for parent, civic and other organizations interested in drug and ecology problems.

Materials listed in the catalog and bulletin are lent on a rental basis to any recognized school, institution, industry or responsible individual abiding by rules outlined in the catalog. The library has improved its service recently by computer booking.

Included in the library are films by commercial and industrial firms, by foundations and universities. "Adding to Make Seven," new mathematics for children; "American Music: From Folk to Jazz and Pop;" 'How to Build an Iglo'; "Mark Twain's America;" "Pond Life;" "The Ultimate Speed," on electronics; "Let's Arbitrate;" and "Exploring the Milky Way" are a few of the titles. The first film listed is about a Greek student, sponsored at UMC by the American Assn. of University Women.

Listed last is one of a series of more than 80 historical films of World War II. "Yanks Invade Africa." Of more recent historical interest are UMC films of the 1950s and 1960s.
Drivers and Riders Learning To Live Together

The bicycle population goes up and up all across the nation, and especially in college towns like Columbia. As traffic congestion increases, the possibility of accidents resulting in serious injury or death are multiplied. Fatalities reached 1,000 and injuries 40,000 in 1970.

The bike driver must be aware that his bicycle offers him no protection in the event of a collision or spill. Consequently, regardless of his legal position, it is always in his own interest to give the motorist the right of way.

Motorists should be reminded, however, that they also bear a share of responsibility for the safety of bicyclists. Motorists must learn to look out for cyclists in general and in particular for the cyclist riding in violation of the law.

Mrs. Sue Gerard, bicycle instructor at Columbia College, points out, "A good cyclist is likely a non-drinking person. But it's the guy who just got to town, hasn't paid attention to his cycling skills, and cares about his bicycle only to the degree of its getting him to where he's going—this is the cyclist who is a real danger on the road."

The most common traffic safety violations of cyclists are:

- Riding in the middle of the street.
- Failure to yield right of way.
- Riding too fast for conditions.
- Disregard of traffic signs or signals.
- Riding against the flow of traffic.
- Improper turning.

Obviously each of these is a "no, no" if the bike driver would avoid accidents over a length of time.

Other injury-producing accidents are caused by falls on slippery surfaces, deep ruts, sand, gravel; collisions with pedestrians or fixed objects; and falls from defective or overloaded bicycles.

Here are some safety tips that all bicycle drivers should observe. (Note the term "driver" rather than "rider" is used to emphasize the responsibility to exercise control in the use of the bike, and to further emphasize that it is a vehicle, not a toy.)

- Be sure the bike is mechanically safe. Bearings, chains, etc. should be kept well cleaned and lubricated. Tires should be properly inflated and the brake must take hold quickly and make the rear wheel skid on a clean, dry, level pavement.
- The bicycle should be equipped with a bell or horn (not siren) capable of giving a signal audible at least 100 feet. If the bike is to be ridden at night, it must have a headlight that projects a white beam visible from at least 500 feet, and a red reflector on the rear visible from at least 300 feet. It is also strongly recommended that the cyclist wear white or light colored clothing when riding at dusk or night.

Every bicycle driver should know the Missouri Vehicle Code—since bikes are legally vehicles and should act accordingly—observing and obeying all traffic signs, signals, and control devices.

A skillful driver always has his bike under control. He never drives so fast as to be unable to stop in the assured, clear distance ahead. He alters speed to conform to traffic, weather, pedestrian and other environmental and road conditions. He always carries packages in a basket or carrier in order to have both hands free to control the bike. It is imperative to develop skill in balancing and pedaling to avoid swerving into traffic.

Cyclists must ride with the flow of traffic, not against traffic. Remember—a bike's a vehicle. Also, when car and bicycle are traveling in the same direction both motorist and cyclist have more time to take evasive action should it be necessary.

Use hand signals for turns as follows: Left turn—hand and arm extended horizontally; Right turn—hand and arm, extended upward (from the Uniform Vehicle Code).

Bicyclists should avoid crowding between cars at stop signs, or between a car and the curb. A slight swerve could result in the cyclist hitting or being caught by a car turning right. Walk the bike across busy streets.

A bicyclist should never hold on to a moving vehicle or in any way attach the bike to the vehicle. The sudden loss of balance may throw him into a spin, or he might be squeezed by other vehicles.

Cyclists should not ride a side single file. Two or more cyclists riding abreast take up too much of the roadway and restrict defensive maneuvers. On-off street bicycle paths or other places closed to automobile traffic; riding two abreast may be permitted, but speed should be reduced and special caution observed for pedestrian traffic.

********** Crackdown on Offenders; Racks for Everybody **********

Bicycle riders violating traffic laws are facing the wrath of the University and the Columbia police departments—and subjecting themselves to fines.

Lt. Tom Stark of the University Police Dept. announced that as of midnight Sept. 7 University police ceased issuing warnings and began issuing city traffic summons to riders observed committing traffic violations. Flagrant violations on University property are being referred to the University traffic committee.

We have had 10 accidents, including one fatality, involving bicycles in the first five days of school," Lt. Stark said.

"Records indicate that some 9,000 bicycles are registered in Columbia, most of them to University students and we must take some action to protect the riders and others."

Meanwhile, the Columbia Police Dept. has turned over its registration procedures on student-owned bicycles to the University Police Dept. The inspection of the bikes will be made without charge, and license numbers and reflectors will be issued without charge.

Maj. Gordon E. Gear said non-registered vehicles subject the owners to penalties. Bicycles previously registered with the Columbia Police Dept. need not be registered with the University Police Dept.

Workmen installing new bicycle racks at UMC's main library entrance are, from left, Cleo Porter, Harrisburg, George Smith, Rt. 9, Columbia and Odean Nichols, 709 N. Ann, Columbia. Additional bike racks will continue to be installed to relieve the bicycle parking problem on campus.
The new three-level house is situated in a heavily wooded area on a high cliff overlooking the Hinkson valley south of Memorial Stadium. This view is looking west toward the front entrance.

New Facility:

University Reception House and President's Home

The University of Missouri has a new University Reception House and President's Home, and Friday the news media got its first official tour of the new facility.

Traditionally, colleges and universities have provided homes for their Presidents. But, since the University of Missouri became a multi-campus University it has not had an official residence for its President.

The house is designed to provide adequate space for large public gatherings as well as private living quarters. The house will be used to host receptions, luncheons, dinners, formal meetings, and other official University functions.

In keeping with the decision by the Board of Curators, the entire cost of the house has been financed by private funds contributed to the University. No public funds have been used. These gifts, totaling $324,000 have paid for the design, construction, furnishings, roads, parking areas, utilities and all other costs associated with the house.

The house can accommodate 38 guests for a sit-down dinner or up to 150 people accommodated for receptions where guests are continually arriving and departing. All-weather parking is provided for 80 cars, and when the weather is dry, additional cars can be parked on a grassy area east of the house.

Donors who made the new University Reception House and President's Home possible have provided the University and the public with a much needed and beautiful facility which will serve the state proudly for many years to come. The new house will be officially and formally dedicated on October 17th.

This view looks across the entrance foyer into the dining room of the University Reception House and President's Home. The foyer has a rug which contains the University seal.

Equipment for preparing food to serve large numbers of guests is a necessity for the kitchen. The central island, left, features nine burners.
Job in the Spotlight

Student Patients A Switch For Dietitian

What do ailing students and ailing veterans have in common? Well, one thing is that they both need food. And this is where Florence Hahn comes in.

Florence Hahn is the new dietitian at the University's Student Health Center, and in that capacity, she plans all menus and schedules the preparation of food. She began her job during the summer.

This past summer, Mrs. Hahn received her bachelor's degree from Texas Technological College in Lubbock, and then transferred to Barnes Hospital in St. Louis. She then returned to Texas, to work at Houston's Methodist and Veterans Administration Hospital.

Since then, she has worked at VA hospitals in Big Spring, Tex., and then in Washington, D.C. When her husband, Richard, who is a personnel management specialist, was transferred to the Columbia VA hospital, Mrs. Hahn sent applications to hospitals here trying to land a job for herself.

Boone County Hospital referred her application to Dr. William Galeota, director of Student Health Services, who contacted her and, after a subsequent interview, hired her.

"The health center is pretty unique. There are not many schools, in my experience, which have a hospital for the treatment of their students," Mrs. Hahn explained.

The new dietitian says she likes Columbia "quite well" and thinks it's a good town for children to grow up in. "I think the college keeps things a little more active, too," she said. During the summer, she and her 14-year-old Glen Hahn attended the University Lab school, and according to Mrs. Hahn, "they loved it."

Mrs. Hahn says summer was a good time for her to begin her job with the University. "The health center has a slack time in the summer, with fewer patients. So, it's a good time to become oriented to the center and become accustomed to working for students, instead of for veterans."

And there is a difference, Mrs. Hahn says. "Of course, the basic principles of being a dietitian are the same, but there's a difference in your clientele—those you are serving. Students have different eating habits and they are usually short-term patients, whereas the veterans are often long-term patients."

Mrs. Hahn explained that personnel at the VA hospitals discovered a great difference between the eating patterns of the older veterans and the younger ones just returning from Vietnam.

"It's the same with the students. Of course, since they are here for a shorter time, it's usually easier to keep them happy. Mrs. Volker (the previous dietitian) pretty much established, through trial and error, the menus that students would eat. And I try to check the trays to see if some item was particularly unpopular. If so, we don't have it again."

As far as her plans for the new school year, Mrs. Hahn says she hopes to continue and perhaps expand the weight control program for students that was established by Mrs. Volker.

"Any student interested in gaining or losing weight can be referred to me, after seeing a doctor in the clinic. Then I work with the students individually and try to work out patterns of eating suited to the individual."

In her spare time, Mrs. Hahn says she likes to garden, "although I'm not very good at it."

Going from treatment of veterans to treatment of college students may seem like a big jump for a dietitian. But it is one Florence Hahn has made with ease.

AAUW Membership Open To Women College Grads

Today's talented, well-educated woman college student can make college her outlet for her interests through membership and participation in the American Assn. of University Women (AAUW).

Any woman who holds a baccalaureate or graduate degree (or equivalent) at a college or university on the AAUW accredited list is eligible for membership. According to Miss Dorothy Nightengale, head of the Main Library's Preparations Department and president of the Columbia branch of the AAUW, "Any women are under the mistaken impression that membership is by invitation from the local branch. However, we would like to stress that any eligible woman need do is contact her local branch for a membership form."

The local AAUW branch is affiliated with a state and national organization. All levels stress the advancement of women in society and betterment of women's position through education. To these ends, there exists an ambitious educational program on several levels.

The national association sets up the work of the local branches by selecting topics for use during each biennium. Topics have been chosen from the suggestions of the local and state groups.

The following topics have been suggested for study during the 1971-73 biennium:

- A Dollar's Worth
- Crisis in Public Education
- We the People
- The Uninhabited Earth
- The last topic was held over from the previous biennium because of its timeliness and the interest expressed in it by members.

Branches may choose one or all of the topics for study; the Columbia branch traditionally has undertaken all four.

In addition to the general meetings, there are two continuing interest groups within the local branch which meet at other specified times. The reading group, with Mrs. Fred Venrick as chairwoman, meets the first Thursday of the month, Oct.-May. Members share reading experiences and books of interest. The World Problems group, Miss Dorothy Nightengale, chairwoman, meets the fourth Wednesday of the month, Sept.-May, beginning Sept. 27th. Its topic this year is U. S. Foreign Policy.

A major aspect of the AAUW is its support of various scholarship and fellowship programs to further the educations of worthy women students. The Columbia AAUW awards the annual $300 Eve Johnston Scholarship to an outstanding UM student who is a resident of Boone County. It also contributes to the National AAUW Fellowship Fund, raising money through projects and individual contributions of members. The national organization will try to bring its fellowship fund to $10 million by 1983, the 100th anniversary of the association.

The Columbia AAUW branch meets monthly Sept.-May on the third Tuesday. The January meeting will be omitted because of the introduction of the introduction. Interference, expected to cause absences among members. Three of the monthly meetings are dinner meetings held at the Memorial Union in September, February and May.

The first meeting of the academic year will be a dinner meeting Sept. 21. Robert Shaw, superintendent of the Columbia Public Schools will address himself to the AAUW topic of "Crisis in Public Education" at that meeting.

Women who wish to become members of the AAUW may contact Miss Nightengale or membership chairman Mrs. Louise Ford, 2800 Topas Dr. Yearly membership dues are $11, which includes membership at the local, state and national levels. Women who hold memberships at other branches may transfer to the Columbia branch without additional payment of dues.
Secretaries Learn Better Management Skills

A program for higher-level secretaries entitled "The Secretary and Her Management Skills" was presented on campus in recent two-day sessions. A no-fee, no-credit course sponsored by the Personnel Services Office, the program was led on both days by Robert Shornick, who heads his own firm specializing in management concept seminars. Shornick has presented such programs all over the U.S. and in Canada and England.

The self-improvement course stressed several areas: flexibility in adapting quickly to change, including staying knowledgeable on technological advances, scheduling priorities in the office and organizing the work load.

Another area of the seminar focused on creative thinking — seeing barriers to creativity, learning to "brainstorm", and applying creativity to office work.

A small group workshop helped participants by analyzing typical case studies from office situations and using the case method to solve problems, while an effective communications section included topics such as improving listening techniques, the strategy of letter writing, and controlling "foot" in letter writing.

An efficiency period concentrated on reducing the annual cost for the manager using work simplification principles, and employing labor-saving techniques and devices.

These one-day sessions were conducted at different times on all four campuses. On this campus, a total of 78 higher-level secretaries enrolled; they were divided into two groups and took the seminar on successive days.

Participants in the seminar filled out evaluation sheets after the session. Thirty eight rated the program on campus as "outstanding"; 33, "very worthwhile"; and two rated it "satisfactory."

Consultant and secretary in instructional television offices, says of her experience, "I've become more conscious about the amount of time it takes me to perform a certain task. One valuable aspect of the day was hearing that technological advances are phasing out the need for letter-writing, phone-answering secretaries.

Secretaries are capable of being more; Shornick encouraged us to use the advanced techniques in order to move into a more highly skilled secretarial job. We can usually implement these skills in our present offices."

Agricultural chemistry secretary Ola Mae Taggart remarked, "Shornick was a wonderful speaker who held my interest all day. Communication among employees was especially helpful since this is often a problem in offices. Anybody who has the opportunity to take the course will find it useful."

Standard Time Returns Oct. 31

You'll be able to sleep an extra hour Oct. 31. That's the day Missouri officially returns from daylight saving time to Central Standard Time. Before returning Oct. 30, set clocks back one hour — from 10 p.m. to 9 p.m., for example.

Records Course Hopes to Solve Data Dilemma

Bothered by a deluge of disorganized information in your office? Is retrieval of data from your files a problem?

Consider the solutions offered by a records management seminar scheduled for Wednesday, Nov. 17, from 10 a.m. to 3 p.m. in the Memorial Union.

Whether faculty or administration personnel who must deal with the management of information or who are responsible for organizing and developing their departments' records and file systems stand to benefit from attending this seminar.

Norma E. Hinds, director of Systems Education and Training Records Management in the Spacefinder Division of the National Training Center of the Tab Products Co., Cincinnati, will conduct the session. She has held her present position since 1965; she is involved in the development of records management and office systems training programs for all Tab Products systems specialists and consultants, and develops and presents records management seminar programs.

Program chairman for the seminar is LeRoy Morrison, who manages the University-Wide Records Management Program. "The session will explain various records systems," says Morrison, "and thus would be valuable for file clerks but it will especially aid those with the authority to plan and update information systems to insure continued efficiency.

"We've had professors come to us and say they've had massive research material dumped on their departments and could we help them organize it. These requests come in so frequently that we were prompted to schedule a full seminar on records management."

The seminar is sponsored through the offices of Vice President for Finance and Comptroller, Management Services and Personnel. Information on registration will be mailed to departments.

Address Change Means Change For W-4 Form

All University of Missouri faculty and staff members who have changed their home addresses, but have failed to fill out new W-4 forms at their payroll offices, should do so in order to assure receiving certain mailings, including Campus Columns, which are sent out by the University.

University-wide mailings are sent out using those addresses which appear on W-4 forms. If addresses on these forms are incorrect or incomplete, the mail probably will not reach its destination.

Mailings using W-4 form addresses include W-2 forms, which are necessary to employees in filing income tax returns; materials regarding staff benefit programs, such as insurance and retirement plans; and special communications from the President.

Merely notifying a payroll office of new addresses where checks are to be sent does not change addresses listed on W-4 forms. No one else can change the address of an employee on the W-4 form. The form must be filled out by the individual employee.

If an employee has any doubts as to whether the address appearing on the present W-4 form is correct, a check should be made with his payroll office.

Notice

Did you get a degree in June or August? Campus Columns would like to recognize full-time, permanent University employees, both academic and non-academic, who earned degrees at the 1971 June or August commencements. If you were a full-time, permanent employee prior to May 1 and received the degree in June or August of this year, please fill in the blanks below and send through Campus Mail to Campus Columns, 223 Jesse Hall.

Name ___________________________________________________________

Degree and date __________________________________________________

Department in which employed ________________________________________

Campus mailing address ____________________________________________

Campus phone number _____________________________________________

OCTOBER 15, 1971
Calendar of Events

Oct. 21: Man & Technology Lecture: "The Value of a Technological Education," Prof. Makuch, sociology, to speak, 1:15 p.m. 229 GCB.
Oct. 26: Social Biology Lecture: "The Human Population Problem: Biological or Cultural?" Prof. Wilson, anthropology, to speak, 1:40 p.m., 1 Tucker Hall.
Oct. 27: E. Neige Todhunter, Vanderbilt visiting professor of nutrition, to speak on "Food and Health," 8:30 p.m., Memorial Auditorium.
Nov. 8: Social Critic Michael Harrington to speak, 8:15 p.m., Stephens Assembly Hall. Sponsored by Stephens Decker Public Forum Series.
Single admission, $2.
Nov. 15: Literature and Language Lecture: "The Profanity of Piety: Mysticism and Satire in the Morality Play Called ‘Wisdom’"; Dr. Milton McCormick Gatch, associate professor of English to speak, 8 p.m., Small Ballroom, Memorial Union.

CONCERTS, PLAYS
Oct. 19: Music assistant professors Eugene Gratovich and Bonnie Bromberg to perform, 8:15 p.m., Fine Arts Recital Hall.
Oct. 26: University Symphony Orchestra to perform in concert, 8:15 p.m., Jesse Auditorium.
Oct. 30: Broadway Play, "Butterflies Are Free" to be performed, 8 p.m., Jesse Auditorium.
Nov. 10-13: Nov. 17-20: Second production of University Theatre's season, "As You Like It," to be performed, 8:15 p.m., University Theatre. Sponsored by the department of speech and dramatic art, single admission, $2; for dinner reservations call box office 24 hours in advance.
Nov. 14: St. Louis Symphony Orchestra to perform, 3 p.m., Jesse Auditorium. University Concert Series; single admission faculty and staff $2, $2.50.
Nov. 17: The Alvin American Dance Theatre to perform, 8:15 p.m., Stephens Assembly Hall. Stephens Art Series; single admission, $3.
Nov. 21: Esterhay String Quartet to perform. McKeeny, Tachikawa, 5:30 p.m., Fine Arts Recital Hall. Sponsored by the department of music.

FILMS, EXHIBITS
To Oct. 30: Exhibit: Color Photos: Missouri Rivers, Fine Arts Gallery Oct. 29: "Cheyenne Autumn" to be shown, 7 p.m., Jesse Auditorium.
Oct. 24: "The Collector" to be shown, 7 & 9 p.m., Jesse Auditorium.
Oct. 27: "The Shop on Main Street" to be shown, 8 p.m., Jesse Auditorium.
Oct. 31: "The Thomas Crown Affair" to be shown, 7 & 9 p.m., Jesse Auditorium.
Nov. 2: Ecology Movie Series: "The Prairie Killers," to be shown, 7 p.m., 120 Physics.
Nov. 16: Ecology Movie Series: " Will the Gator Gades Survive?" to be shown, 7 p.m., 120 Physics.

CONFERENCES, INSTITUTES
Oct. 31-Nov. 1: 47th annual Veterinary Conference, 8 a.m., Memorial Union. Sponsored by the School of Veterinary Medicine.
Nov. 1-2: Missouri Association of Collegiate Registrars and Admissions Officers, Memorial Union. Sponsored by the University Extension Division.
Nov. 4-5: 27th Annual Farm Managers and Rural Appraisers, noon, Memorial Union. Sponsored by the Missouri Society of Farm Managers and Rural Appraisers.
Nov. 7-9: Missouri Pest Control Conference, 8 a.m., Memorial Union. Sponsored by the department of Entomology.
Nov. 13-15: First Mid-America Linguistics Conference, 8 a.m., Memorial Union. Sponsored by the College of Arts and Sciences.
Nov. 16: Air Pollution Conference, 8 a.m., Memorial Union. Sponsored by the College of Engineering.

WORKSHOPS
Oct. 25: International Development Seminar: "The Role of Communications Systems in Development," Robert F. Knight and Ralph Lewenstein, professionals, to speak, 2-4:30 p.m., Memorial Union.
Oct. 26-Nov. 18: Computer Center Short Course: PL-1 Programming: T/Th 2-4:30 p.m., 318 GCB. Instructor: Wayne Spencer. To enroll, see above.
Nov. 2, 9, 23, 30, Dec. 1: A Short Course for I, e g a l Secretaries, Springfield, Mo. Sponsored by the National Extension.
Nov. 2, 9, 16: Professional Engineering Refresher Course, 6:40 p.m., Independence. Mo. Sponsored by College of Engineering.
Nov. 4: Law Seminar III, 11 a.m., Ramada Inn. Sponsored by the School of Law.
Nov. 11-12: L.P.N. Seminar, 8 a.m., Jesse Hall. Sponsored by the School of Nursing.
Nov. 12-17: Police Management, 8 a.m., Memorial Union. Sponsored by Law Enforcement Extension.
Nov. 18-20: Transportation and Traffic Management Seminar, Memorial Union. Sponsored by the College of Agriculture and the School of B&A.
Nov. 18: International Development Seminar: "The Integration of Resources in Local Development"; Profs. Lee Call, and Boyd Faulkner, Regional and Community Affairs, to speak; 2:40-3:30 p.m., Memorial Union.

DEADLINES, OTHER EVENTS
Oct. 23: Graduate Record Exam to be administered.
Oct. 25: Nov. 8, 22: Orientation sessions for new employees, 2-5 p.m., 5204 Memorial Union. Contact Personnel Services for further information.
Oct. 27: General faculty meeting, 3:30-3:45 p.m., Jesse Auditorium.
Oct. 30: Homecoming.
Oct. 30: Fortnightly Newcomers Interest Group and spouses to hold Open House after Homecoming at the home of Leona Wilson, 910 Wayne Road.
Nov. 9: Fortnightly trip to K. C. Reservations to Mrs. Chas. Bigger, 211 Bourn Ave.
Nov. 12: Deadline for stories for next Campus Columns.

SPORTS
VARSTY FOOTBALL
Oct. 23: Colorado at Boulder.
Oct. 30: Kansas State at Columbia.
Nov. 6: Oklahoma at Columbia.
Nov. 13: Iowa State at Ames.
Nov. 20: Kansas at Lawrence.

FRESHMAN FOOTBALL
Oct. 22: Kansas at Lawrence.
Oct. 29: Kansas at Columbia.
Nov. 12: Iowa State at Ames.

CROSS-COUNTRY
Oct. 23: Kansas State at Columbia.
Oct. 30: Iowa State at Ames.
Nov. 6: Big & Champions at Lincoln, Neb.
Nov. 22: NCAA Championships at Knoxville, Tenn.

SWIMMING
Nov. 28: Black-Gold Intracquad Meet, 4:15 p.m.

Leaves Are Dying Because They're Dying

(Editor's Note: Our explanation about leaves turning color in the fall proved very popular. It was picked up by many of the newspapers around the country. We rerun it by request this year.)

Fall is really bountiful all over. Students stream through campus and roaring thousands overflow Memorial Stadium while Marching Mizou provides a heart throb for the excitement.

Football games, band shows and homecoming decorations are only a small part of the colorful pageant to be found on campus. Nature herself leads the bright parade with the gold, orange and red hues she splashes on her trees and shrubs.

Those who don't see Marching Mizou wheel through their intricate halftime routines can see much of the same precision and beauty on a quiet walk or drive around campus. The maples, oaks and other brightly cloaked trees help make UMC one of the nation's most beautiful campuses in autumn.

One fascinating explanation for nature's colorful show is that a little man follows the well-known "Jack Frost" who brings the white crystals which foretell winter's coming. This second elf carries buckets of pigments which he pours all over the ever-lengthening nights. Thus it is possible for people to wake up in the morning and see that trees which had been green the evening before are now clothed in colorful raiments.

A more scientific, but no less fascinating, explanation is provided by Gregory N. Brown, associate professor of forest physiology at UMC. His explanation is that, simply speaking, the colors are "unmasked" in leaves as trees begin to prepare for winter. The shorter autumn days and low night temperatures cause leaves to begin to die and form abscission zones (zones which break apart) at the bases of their stems. These zones partially block the transport of food, water and minerals to and from leaves, causing sugars to accumulate in them.

Sugar accumulation stimulates formation of flavanoid pigments (red and purple pigments such as those found in beets, plums, etc.). Cell acidity further affects the degree of flavanoid colors. At the same time, the green color caused by chlorophyll is degraded. Thus, flavanoid pigments, as well as carotenoid pigments (orange and yellow pigments) are "unmasked," which contribute a brown color are also unmasked.

It is combinations of these formerly hidden colors which create the wide variation in leaf colors.

Brown suggests an ideal combination of factors for good leaf color include short and bright days, cool nights and dry weather.

Some trees, such as black walnut and butternut, drop their leaves too soon to develop much color. Others, such as locusts and alders, don't form complete abscission zones and fail to build up large enough sugar concentrations, inhibiting new coloration.

On the other hand, species such as maples, sumacs and white oaks form an excess of flavanoid pigments, yielding bright red and purple colors. Species such as hickory, tulip poplar and birches with more carotenoid pigments develop bright yellow and orange colors.

Finally, species with lower concentrations of flavanoid and carotenoid pigments, but with an excess of tannin compounds, display brown colors. Some include some oaks and beeches.

Many intermediate degrees of coloration exist in other species.

So, as the fall advances faculty, staff and students have an opportunity to see some of nature's most impressive works around campus. Anyone who doesn't take a moment to enjoy the scenery is missing a wealth of the beauty UMC offers.

Notice

A Red Cross fall blood drive will be held for faculty and staff Nov. 9, from noon to 5:30 p.m. The blood mobile will be located near Kothwell Gym at the corner of Hollins and Hitt Sts.
Recycle: Save Money, Make World Beautiful

Share your magazines with others or pass them on to hospitals or convalescent homes. After final use, they can be recycled in some localities.

Invest in bright colored plastic dishes and cups, inexpensive utensils, and Terry cloth napkins for family picnics instead of paperware. A different color cup for each family member can be used all day—when traveling, too—to cut down on paper cups.

Avoid the use of plastic wrap or aluminum foil (it wastes a vital metal) in your kitchen. Use refrigerator containers, or, if possible, wax paper. Also avoid the use of disposable diapers.

Use a dairy that delivers your milk in glass bottles that can be re-used. Milk cartons waste paper.

Use brown paper bags when you buy fruits and vegetables instead of plastic bags. Many kinds of produce—melons, oranges, lemons—don’t need the extra brown bag at all.

Use a mesh shopping bag the way many Europeans do. You can buy them at import stores or encourage your grocery store to sell them. Try to use the mesh bag you want to use the mesh bag—the fewer extra wrappings you use, the more trees you save.

The Good Earth

Araminta Smith, right, UMC instructor in social work and chairman, 237 Budget and Counseling Services, for the Human Development Corporation (HDC), and Helen Mitchell, housing program coordinator for HDC, Columbia office, volunteer counseling on home ownership, Michael Galli, left, director of housing management, St. Louis HUD office, was one of two representatives who come to Columbia to make the recent presentation.

Share your magazines with others or pass them on to hospitals or convalescent homes. After final use, they can be recycled in some localities.

Invest in bright colored plastic dishes and cups, inexpensive utensils, and Terry cloth napkins for family picnics instead of paperware. A different color cup for each family member can be used all day—when traveling, too—to cut down on paper cups.

Avoid the use of plastic wrap or aluminum foil (it wastes a vital metal) in your kitchen. Use refrigerator containers, or, if possible, wax paper. Also avoid the use of disposable diapers.

Use a dairy that delivers your milk in glass bottles that can be re-used. Milk cartons waste paper.

Use brown paper bags when you buy fruits and vegetables instead of plastic bags. Many kinds of produce—melons, oranges, lemons—don’t need the extra brown bag at all.

Use a mesh shopping bag the way many Europeans do. You can buy them at import stores or encourage your grocery store to sell them. Try to use the mesh bag you want to use the mesh bag—the fewer extra wrappings you use, the more trees you save.

More Use of Natural Food Is Predicted

Increasing amounts of natural foods will be taken apart, improved and remade into foods of the future.

That is the prediction of Harold Bassett, foods scientist. An example of what he means is that milk may be separated into fat, protein, lactose and minerals. These may be mixed with other natural or synthetic products that are unknown today.

Also, nature’s foods will probably be increasingly allowed to make them more nutritious. For instance, crops will be developed that contain greater amounts of protein. We are already going forward along these lines.

Greater use will be made of materials containing high grade proteins. Included will probably be soybeans, cottonseed, fish, legumes, wheat gluten, seaweed and waste products such as blood and meat scraps.

These developments, says Bassett, will really be extensions of a trend that began shortly after World War II. It was about then, he reminds, that food processors began looking for new and improved products to interest homemakers.

Foods research and product development were then oriented toward improved natural foods, new foods and convenience features.

Today’s food shopping cart is filled with examples of food technology success. For instance, powdered fruit drinks and non-dairy coffee whiteners are among new foods.

An example of how processors have been able to improve on natural foods is milk fortified with Vitamin D.

The result is improved use of calcium in the diet.

Frozen TV dinners are among the many items with high convenience appeal. Home homemakers have overwhelmingly accepted food technology developments.

However, there is one group for which has not proven popular. It is the new frozen foods.

The higher prices help pay for food industry development and research. They also pay for rising transportation, sales and marketing costs.

All these costs represent the middlemen’s share of the food dollar, says Bassett. The mark-up goes to the producer and the retailer.

As an example, consider that today’s 25 cent one-worker centers, the forerunner or about 1 cents in 1960. Now, as then, the farmer receives about 3 cents for the wheat in the finished product.

Chain food store profits, says Bassett, were about 13 percent a decade ago. Operating margin is only about one percent.

H ave Heating Problems?

With cold weather approaching, householders will be looking for ways to provide adequate heating in their homes for the lowest possible cost. The Government Printing Office, Washington, D. C., 20402, for your copy.
International Bazaar

The University community came, saw, visited and enjoyed themselves at the International Bazaar October 1. The bazaar's afternoon and evening hours permitted both workers and students the opportunity to participate. A great measure of the fun was in sampling national foods in the booths of the various countries—the only disappointment was in not being able to purchase any of the ceramics, jewelry, leather goods, weavings and other arts exhibited.

An Iranian sits exuberantly beneath a coat made from the skin of a wild sheep. The woolly side is worn inside and the tanned suede-like skin is on the outside, embellished with decorative needlework.

An eye-catching feature of the Indian tent was this huge bronze horse of a stylized design, actually something for children to play on.

National costumes abounded in the crowds; above is a Swedish lass and left is a woman in the graceful Indian sari. The pipe-smoking Iranian puffs on a carved wooden equivalent of our cigarette holder.
Householders Cautioned: Beware of Fire Hazards

Do you believe in haunted houses? No! You should! Not the kind with ghosts, witches, etc., but the kind with very real accident hazards. Houses everywhere are haunted by hazards. Yours may be one of them.

One of the worst of these haunting hazards is fire. Fire strikes more than 1,500 homes in this country every day. Fire hazards can haunt the whole house, but smoke usually breaks out in the areas that are used the most.

Smoking is a common cause. Use large, deep ash trays and never smoke in bed or when you’re likely to doze off. Be sure matches and lighters stay out of the reach of small children.

Poor housekeeping is often to blame. The attic and space beneath basement stairs are catch-alls for things people “might need sometime.” Toss out accumulations of unused flammables; they’re fire breeders.

Flammable liquids — gasoline, kerosene, paint-thinners and the like — should be kept in their original metal containers or in safety cans away from any heat source, preferably in a storage building outside the house. Keep oily rags in tightly covered metal cans or hung in the open.

A fondue pot or chafing dish with an alcohol burner can start a fire in a hurry. Alcohol expands when heated. To avoid spilling flaming liquid over the table, fill the burner only half full, use a metal tray under it, and never refill when it is lighted or hot.

A blown fuse is a warning that something is wrong. No matter whether it is a short or an overloaded circuit, both are fire hazards. Find the cause and correct it before replacing the fuse or resetting the circuit breaker.

Fire extinguishers should be a must for every home, handy to every floor. The all-purpose type requires the least amount of fire-fighting know-how. Be sure the extinguishers have an Underwriters Laboratories or a Factory Mutual label and that the pressure gauge shows a full charge.

Keep all emergency numbers handy near your phone — especially the fire department number.

Plan escape routes for each family member in case of fire. A periodic fire drill makes sure the whole family knows what to do.

If a fire does start — don’t panic. First, get everyone out of the house and don’t go back inside once you have made your escape. Next, telephone the fire department from a neighbor’s house. Only then should you try to extinguish the fire yourself, if you think you have a chance.

October is “Fire Prevention Month” — the ideal time to double check to be sure you’re not living in a house haunted by fire hazards.

Procedures Of Offices Now Explained

Full-time non-academic university employees now have a chance to acquaint themselves with the complete function and services of their departments and other departments with which they have contact through a series of meetings on Office Procedures.

The series will consist of four meetings with the service department heads or a representative of the department, who will outline the functions and duties of the departments, and explain the necessary procedures and forms needed to insure the best and most complete services possible from the departments.

The sessions are offered at no cost to employees. The course is primarily designed for full-time employees who have been with the University six months or less; however, all full-time employees working at all levels are urged to attend.

Handouts will be available at many sessions with general information about that particular service department.

Information about these meetings may be obtained from any supervisor or by calling the training office, 449-8311, ext. 54. Enrollment should be through the direction of the employee’s department, or through the designated representative.

The sessions will be held in Room 114 of the General Classroom building. The first session will be Oct. 26, with a meeting at 2:15-3 p.m. on Personnel Department; the second session will be Oct. 29, with a meeting at 2:15-3:30 p.m. on the Technical Education department and a session from 3:45-4:15 p.m. on the Memorial Union.

The second session will be Oct. 29, with a meeting at 2:15-3:30 p.m. on the Office of Public Information, followed by a meeting at 2:40-3:30 p.m. on the Audio Visual department and concluding with a 3:45 p.m. meeting on the Purchasing department.

Nov. 3 is the date for the third session with meetings from 2:15-2:40 p.m. on Management Services; and one at 2:45-3:15 p.m. on Accounting.

The final session will be Nov. 4 with meetings at 2:15-2:30 p.m. on the Office of Instructional Television; at 2:40-3:30 p.m. on the Physical Plant; and at 3:30-4:15 p.m. on the Campus Police Department.

The sessions are designed for self-improvement and will be for no credit.

Self-Teaching Courses Now Available

Ten new self-instruction courses have been made available to any full-time non-academic employee. The courses are free and contain no examinations or credit.

The courses can be obtained by calling the training office at Personnel Services, 449-8311, ext. 54. The courses will be mailed to the employee at his job.

The employee is free to use the material at his own pace. Material is distributed on a two-to-four week loan basis.

New courses that have been added include: Managing Human Relations, Effective Decision Making, How to Motivate Employees, Setting Your Leadership Goals, How to Use the Business Telephone, How to Set Objectives, Planning — Scheduling and Coordinating, Professional Secretary from A to Z, How to Delegate Effectively, and Medical Terminology.

Nineteen other self-instruction courses are also available; for information on these, contact the training office.

Rivers Exhibit

The Fine Arts Gallery is now showing a collection of nature photographs by Leland Payton. His work: 53 color and 10 black and white photographs of Missouri-Ozark Rivers. The showing is part of the Missouri Extension Environmental Quality Program. The exhibit is scheduled to go on tour through Missouri after its showing here.

Gallery viewing hours are 9 a.m. to 3 p.m. Monday through Friday and 2:30 to 5:30 p.m. on Sunday. Mr. Payton’s exhibition will continue through October.
People Who Like People:

Johnson Advises on Military Problems

Retired Army Colonel James R. Johnson is a man who deals with problems — other people's problems. That is why of Col. Johnson's counseling goes to University students who need advisement on their Selective Service and other matters. He sees an average of 24-30 students every day. His official title is Assistant Registrar and chairman of the Reserve Officers. His office, in addition to advisement, certifies student status for various outside agencies, at the request of students. These agencies may be the Selective Service office, the Veterans Administration, the Social Security office and several other miscellaneous agencies. He certifies over 7,000 UMC students a year for the Selective Service office alone. He also certifies 1,213 veterans at the University who are drawing on the GI Bill, and 1,900 students who receive Social Security benefits. Two hundred other students receive benefits from other sources, such as the Railroad Retirement Pensions.

Col. Johnson is also responsible for a follow-up and check on each student to make sure they maintain their proper academic standing. Col. Johnson refuses to take full credit for this heavy work load. "Most of this work is done by my staff, and I work in a supervisory capacity," he says.

"The job is to give students advice and assistance with any difficulties with these agencies. For example, when a veteran doesn't get his check, or gets a check that is not correct, we track it down, whether the mistake was made here or at some other office."

Col. Johnson says the number of students who come to see him sharply increases every year right after registration. Their problems usually involve being short on hours. In addition, he sees students who drop out of school, miss school because of illness, or who passed physically and didn't think they got proper examinations. Col. Johnson advises students of a change in their Selective Service classifications, and may also intercede on behalf of the student to prevent an unwarranted change.

"Students who are classified I-A or who get induction notices in midsemester usually may remain in school for the rest of the semester, and sometimes even until they graduate," Col. Johnson explained. "If it feels it's my duty and responsibility to advise students who lose their deferments exactly what options they have to choose from.

"Our office exists primarily to serve students, but about that reason we wouldn't be here," he said.

The most enjoyable aspect of my job is meeting and working with young people. Without that, I don't think I'd do it. I like to see a smiling face of a good student."

Col. Johnson joined the University in 1963 as a professor of Military Science with his appointment to the ROTC program. He retired from the service in 1967 and has been in his present position since that time. When asked if either the people or their problems have changed much during his years of counseling, Col. Johnson said, "as our students have changed, every year it is different. The attitudes have changed a little, but not much. The problems I deal with are pretty much the same, even consistent. We never have a dull moment in here. There's always something happening."

Meetings Set For Questions On Insurance

University employees recently received letter from the University's new Improved Life Insurance Program. Since it has been decided to go ahead with the enrollment process for this program, meetings have been set up to explain the various options available and to answer questions. The places for the sessions are as follows:

Oct. 18 — Monday 10 to 11:30 a.m. — Memorial Union Auditorium 1 to 2:30 p.m. — Memorial Union Auditorium 3:40 to 4:30 p.m. — Memorial Union Auditorium

Oct. 19 — Tuesday 10 to 11:30 a.m. — Memorial Union Auditorium 2:30 to 4 p.m. — Memorial Union Auditorium 8 to 9:30 p.m. — Room 57 Memorial Union

Oct. 20 — Wednesday 10 to 11:30 a.m. — Memorial Union Auditorium 1 to 2:30 p.m. — Memorial Union Auditorium 3 to 4:30 p.m. — Memorial Union Auditorium

Oct. 21 — Thursday 6 to 7:30 a.m. — Medical Center Auditorium 10 to 11:30 a.m. — Medical Center Auditorium 1 to 2:30 p.m. — Medical Center Auditorium 4 to 5:30 p.m. — Medical Center Auditorium

Oct. 25 — Monday 10 to 11:30 a.m. — Bingham Cafeteria Oct. 26 — Tuesday 12:30 to 2 p.m. — Campus Shop-General Service 10 a.m. to 12 noon — Dobbs Cafeteria

Time to Start Making Indoor Gardening Plans

The days of outdoor gardening are limited for this year. It is time to plan for indoor plants. So, here are 10 of the most durable and easiest-to-grow house plants. Remember, plants are living organisms. Also, they can survive poor conditions, the better they are treated, the better they will perform.

The aspidistra plant (Aspidistra) gets its name because it is able to stand all kinds of hardships. It has dark, shiny green, waxy leaves about 4 inches broad. Lower leaves may brown and should be removed occasionally. When the plant gets too leggy, tops can be cut off and easily rooted in moist, clean sand.

The snake plant, or mother-in-law tongue, has long, stiff, spear-like leaves.

There is a dwarf, bird's-nest type which grows about eight inches tall. An upright form is commonly used as a mass planting. Snake plants should never be overwatered. Their most essential need is a well-drained soil.

Dracaenas are decorative house plants with sword-shaped leaves resembling a corn leaf. From this characteristic they get the common name, corn plant. Leaves are banded, striped, or margined with white or yellow. Well-grown plants may reach a height of four or five feet. Lower leaves tend to drop in poor growing conditions, leaving the bare stem in evidence.

The spider plant, airplane plant or Chlorophytum, has long drooping leaves with white stripes. Small plants are ideal for hanging. Flowers, if grown, are thrusters much in the manner of strawberries. They may be removed to form new plants.

The arrowhead (Nephthytis or Syngonium) is a somewhat vining plant with medium light conditions. It can be shield shaped green or variegated leaves. It should be kept moist for best growth. Failure to water plants is not as serious as it once were. Many do well in poor growing conditions. They require a moist soil at all times.

Try to select plants that fit poor locations. Whenver possible, try to improve the growing conditions by adding lights or humidity.

Retirements

Lucile A. Baddemeyer, secretary-stenographer in dairy husbandry, retired Nov. 30. She was named to her present position July 1, 1963, and began working for the University June 10, 1952.

Billie E. Higgin, information and desk clerk at the Medical Center, retired Sept. 30. She had worked nine years in the University's service, having started in August, 1953.

Floyd M. Irvis, orthotics technician for the department of physical medicine and rehabilitation, retired Aug. 31 after more than five years with the University. He began work April 18, 1966, as a technician and was named laboratory technician July 1, 1967. He was named to his final position Sept. 1, 1970.

Obituaries

James M. Cason, food service worker for Housing, died Aug. 16. He had worked for the University since 1957.

Paul L. Myrhe, associate professor of journalism, and director of the Pennsylvania-Missouri Awards program, Sept. 18. He had been with the University since 1960.

Recipe Of The Month

If you've always looked for an easy yeast roll recipe (and find yourself still looking), our recipe this month may be just the answer. Warm milk, flour, butter, curd, a few flour and milk bread ingredients. Make it in three batches paddles, cinnamon rolls and dinner rolls, or make one big batch of your favorite of the three.

PECAN ROLLS

3 eggs 1 ½ cups sugar
¾ cup liquid milk made from dry skim milk powder (if fresh skim or whole milk is used it must be steamed and cooled to 110 degrees F.)
1 pkg. yeast (granulated)
3 cups flour
4 cups sugar
1 pkg. butter
Many cakes on brown sugar to one-fourth cup warm water. Set aside. Beat eggs very light, add milk, butter and sugar. Add yeast and half of flour and beat hard with electric mixer. Add remainder of flour and mix well. It is not necessary to knead; (the dough is quite soft). Cover with wax paper and store in refrigerator several hours or overnight.

When ready to shape and bake the rolls, melt ½ cup butter in eight-inch cake pan, add ½ cup brown sugar and 1 tablespoon corn syrup. Melt into smooth syrup. Sprinkle 1½ of the dough to ¾ inch thick rectangle, spread with melted butter, sprinkle with brown sugar, roll cut into 1 ½ to 1 ½ slices about 1 to 1½ inches thick. Let rise until rolls are light. Bake 20 to 25 minutes at 375 degrees F. Turn out of pan immediately.

One-third of remaining dough may be used for cinnamon rolls by spreading rolled out dough with butter and sprinkling with cinnamon and sugar (mixed with 1 cup flour). Roll up and slice 1 ½ inches thick and place in buttered 8 inch cake pan. Bake 15 to 20 minutes.

The remaining 1-3 of dough may be used for dinner rolls by shaping in cloverleaf, Parkerhouse or dinner roll form. Bake dinner rolls 15 to 20 minutes at 400 degrees.

CAMPUS COLUMNS

CAMPUS COLUMNS is published monthly by the University of Missouri at Columbia, 203 E. University Avenue, Columbia, Missouri 65211. It is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Office. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication. (Deadline is listed in the Calendar of Events). Office: 449-9311.

Editor: Margaret Bell Kraeuchi
Carl Milner welds some plastic for an instrument.

Research Park
New Site of
Instruments Shop

The main work room contains most of the shop equipment.

Supervisor John Snell welcomes visitors to the new Science Instrument Shop, above, while inside Engineer Joe Dothage works at the drawing board, planning another instrument which the shop will produce.

THERE'S A NEW MEMBER of Research Park, and it's a very appropriate addition. It's the new Science Instruments Shop, located on Route K, just south of the nuclear reactor.

The move to the new building was made during the summer, with the old facility at 411 S. Fifth St. taken over by the power plant and now housing an emergency generator.

John E. Snell, supervisor of the Science Instruments Shop, says the new building is much larger and better suited to the needs of the shop. "In the other building, we were so crowded, we were practically working on top of each other," he explained.

Constructed of brick on the outside and tile inside, the new shop consists of a reception room, supervisor's office, engineering room, supply room and main work room. Snell drew up the basic floor plan, then gave his specifications to an architect who designed the building.

The Science Instrument Shop makes specialized instruments for research and serves any department on campus which needs special equipment. Snell said much of the equipment is made for use at the reactor or Medical Center.

The shop is the working home of Snell; foreman, Glenn Miller; engineer, Joe Dothage; and six men who work on construction of the instruments.

Approximately half the funds for the $164,000 building were provided by the Instrument Shop out of its own income.

Snell said visitors are always welcome at the shop. "We're glad to show any visitors around. We feel, after all, that the shop belongs to the whole campus, especially to those involved in research," he said.
Mary Helen Jones: Able Personnel Statistician

"My main claim to fame is that I’ve always worked here; I’ve always found my work so interesting and have had so many different jobs working for the University that I never wanted to leave."

Mary Helen Jones, senior personnel assistant, is speaking of her forty years of full-time service to the University. She is at present a member of the University-wide Personnel staff, and has been since the creation of the University-wide system in 1936. Her job is to work with special projects and studies regarding personnel in all campuses; these projects are referred to her by William Poore, University-wide director of Personnel services. Most of these are of a statistical nature and occasionally to determine cost. Some studies develop into new, permanent programs.

Asked about specialized training qualifying her for a position with such diverse responsibilities, Mary Helen laughs. "I had no training for handling figures — I graduated from here in 1931 with a degree in education, so it was the Depression then and no one got jobs teaching.

"During my student years, I had worked part-time for the Extension Division. I started there on a summer job after I graduated from high school, and was paid 25 cents an hour! So then when teaching was out of the question, I became a full-time extension employee. My salary that year of 1931 was $60 a month."

About the University during the Depression, Mary Helen observes, "At one point all our salaries were cut 10 per cent, but the University never missed a payroll. Columbia was lucky in that respect; many towns died when an industry had to shut down completely."

In 1945, Mary Mary Helen was transferred to the Business Office as assistant to the manager of Student Financial Aids and chief clerk. Later she moved up as manager of the financial aids service and held that post until the service was reorganized. She stayed in the Business Office and became a part of the new campus Personnel Office when this was established.

"The Business Office had always acted as a sort of informal referral center for job applicants. And I was there to have a hand in seeing this develop. Then when the Personnel Office got started, I was asked whether I wanted to transfer to it. My past experience then stood me in good stead. I accepted the transfer and began recruiting, interviewing and testing personnel for office positions. Later there were other aspects to the personnel work I did.

"Many times I find myself able to handle things that come up just because I’ve been here so long. For example, yesterday someone called up with a request: Name me 15 or 20 people who could help us out on this particular problem. And I’ve been around long enough to know some likely individuals."

Personnel Director Poore says of Mary Helen, "She’s an extremely flexible person, willing to do anything her job asks of her; Miss Jones is a high producer of quality work."

Over the years she has watched the entire Personnel system develop from a negligible record-keeping on employees to its present highly organized formal structure.

"The Personnel program affects employees in so many beneficial ways. I’ve had an opportunity to work with the first director of Personnel and see this program spread from this campus to all four campuses; it gives me great satisfaction to have had a hand in its development. I find it all interesting."

Now headquartered in Lewis Hall, Mary Helen reflects, "Including my part-time work as a student, I spent 39 years in Jesse Hall."

And that may be some kind of University record.

Policy and Procedure

A reminder for employees who drive to work at the University: certain regulations govern the use of parking of annexes on campus. These common sense rules help keep traffic congestion to a relative minimum.

If a driver has obtained a parking permit, he must remember the permit is only for the pay-parking lot assigned and for his use only. The permit must be attached to the car according to the instructions on the permit. And remember that the permit is a validated permit is not considered valid.

If the employee sells or trades his car or if his vehicle is stolen or destroyed, he must obtain a replacement at the Traffic Control Division. Scrape the permit off and return it to the office at 816 Conley Ave. A replacement costs 25 cents. All parking permits expire annually on September 1 for employees staffs for the University. If an employee stops working for the University or takes a leave of absence, he can cancel his parking permit by returning the permit and signing a card cancelling his parking withholding at the Traffic Control Division. Otherwise, the authorization to deduct will remain in force.

If employees form a rotating car pool, they must designate a leader who will pay the parking fee. The other members of the pool are required to pay a fee of 96¢ for each vehicle they wish to register. The leader must complete both a white application card and a payroll deduction authorization card, but other pool members need to fill out only the white application card.

Drivers are reminded that when they obtain the new license plates, the new plate number must be reported to the Traffic Control Division.

Parking permits for second cars are issued without charge but permits for more than two will cost an additional 25 cents each.

Fifteen years ago this autumn the Medical Center and four-year School of Medicine were formally opened on the Columbia campus. Among the employees who moved from Parker Hospital and the two-year Medical School in McAlister Hall to the new location and who have continued as Medical Center employees are L to R, front row: Sherman Turner, Eula Gallivan, Hilda Faye Worley, Mrs. Cecil Barrie, Ruby Grace, Ruth McCown, Moe Crane, Ann Currence, Martha McCray; second row, Vicky Martin, Donald McGuity, Harold Anthony, Bill Joe Marshall, Anise Green, Marian Kittch, Helen Deemer and Hilda Deemer. Others not available for the photo include B. J. McClendy, Rube Morris, Rosella Carey, Norma Holstun, Lillie Tremain and Frances Moore.
Course Eases Retirement Dread

Retirement is, for many people, often a traumatic experience, filled with dread of the unknown. It frequently means a change from a busy day to an empty day, and being forced into an entirely new role in society.

University staff and faculty who are approaching the retirement age now have the opportunity to make this important transition a little easier and to fill in many of the "unknowns," through a Staff Benefits-sponsored seminar "Planning for Retirement," an eight-week course, available free to all full-time University personnel.

LeRoy Sharp, supervisor of Staff Benefits and coordinator of the program, is pleased with the response and progress — but the participants are even more pleased with the content and value of the sessions.

"I want to have something to do when I retire instead of rusting around watching television all day," Glenn Whitesides, athletic attendant in the Health and Physical Education department, says. Mr. Whitesides will be eligible to retire in two years. He and his wife are both attending the evening sessions and agree on its value to their lives.

"Every program has been so interesting," Mrs. Whitesides adds, "but I think the one we have benefited most from so far was the discussion by a local doctor on how older people should take care of their health. I think health is something everyone is concerned with.

Mr. and Mrs. Glenn Whitesides, left, and Dean and Mrs. Ed Palmquist view their dinner before attending the pre-retirement discussions sponsored by Staff Benefits.

The Whitesides, who learned of the course through the employee training office, are also looking forward to the session which explains in depth the extent and potential of UMC's retirement plan, including continuing staff benefits.

"You always hear rumors and such about insurance and retirement pay, so we're here to find out exactly what we are eligible for," Mr. Whitesides explains.

Dean Edward M. Palmquist, associate dean of Arts and Sciences, and Mrs. Palmquist, also are attending the sessions.

Dean Palmquist, who will retire next year from his position, has the option of remaining on the staff to teach for another five years.

"This program is giving me the information I need before making up my mind on my retirement decision," he says.

"The University offers about the best package of staff benefits I've seen. Retiring is a pretty big step in life — I think it's an excellent idea for the spouses of University employees to be invited to share this information."

Mrs. Palmquist finds the best advantage to the sessions is the opportunity to ask questions from the variety of experts who speak to the groups. "Even though much of this information is available to the public in pamphlet form, it's possible to get a much clearer picture of Internal Revenue or Social Security technicalities, for instance."

The format of the course is interchangeable, LeRoy Sharp explains. "Although we've divided the group into faculty and administration on one night and staff on another, many of them are free to attend either session in the event of a conflict."

Participants of the program also enjoy a meal at the Memorial Union cafeteria before the weekly session. "This is also a part of staff benefits, and the meals are free," Mr. Sharp adds.

"Not everyone is interested in every speech, of course, but the overwhelming response has been very favorable towards the whole," he says.

Because about 30-40 employees retire every year, the program has difficulty keeping up with all the retirees. "The age most people start looking towards retirement is usually 55 — we hope to include more people that age in our program."

Programs concerning financial planning, estate planning and a program with emphasis on drawing up wills and other legal tasks are planned for the rest of this course.

"We feel that we are over the experimental phase with the program, and are anxious to continue our sessions in the future," Mr. Sharp says. "We are interested in keeping the size of each group at a small enough size that the informal tone is kept. However, we are hoping to reach as many people as possible."

"I sure hope other people take advantage of this," Mrs. Whitesides adds. "They won't regret it."
LECTURERS, SPEAKERS
Dec. 5: Art History-Archaeology and Classical Studies Lecture: “The Interpretation and Direct Dating of Stone Artifacts,” Prof. Ralph Rowlett, anthropology, to speak, 8 p.m., 120 Physics.

CONCERTS, PLAYS
Nov. 21: Rolls Quartet recital — 8:15 p.m., Recital Hall. Sponsored by the music department.
Nov. 29: National Ballet of Washington to perform, 8:15 p.m., Jesse Auditorium. Sponsored by the University Concert Series. Single admission, $2.50, $2.
Dec. 3: University Chorus and Orchestra to perform, 8:15 p.m., Jesse Auditorium. Sponsored by the Music Department.
Dec. 3: Stephens College Opera Workshop: Outstanding students to present various scenes or a full opera production with the Stephens Symphony Orchestra, 8:15 p.m., Auditorium, Stephens South Campus.
Dec. 7: University Chorus and Mizou Students to perform, 8:15 p.m., Jesse Auditorium.
Dec. 8-10: Stephens Resident Dance Company to present a concert of various dance forms, 8:15 p.m., Stephens’ Auditorium, South Campus. Single admission, $2.00.
Dec. 9-11: Readers Theatre to present “Hemingway: The Man As Writer,” an anthology of excerpted Hemingway short stories and novels selected and arranged by Sam Smiley, speech and dramatic art professor; 8:15 p.m., University Theatre.
Dec. 12: University Singers’ Christmas Concert, 3:30 p.m., Jesse Auditorium.

FILMS, EXHIBITS
Nov. 29: Ecology Movie Series: “Multiply-And Subdue the Earth,” to be shown, 7 p.m., 120 Physics.

CONFERENCEs, INstitutEs
Dec. 3-4: State Libraries Executive Training Conference, Memorial Union. Sponsored by School of B&PA and School of Library and Information Science.
Dec. 5: General Contractors (construction conference), Memorial Union. Sponsored by the College of Engineering.
Dec. 6: International Development Seminar: “An Anthropologist’s View of Cross-Cultural Development Planning.” Harry L. Naylor, regional and community affairs professor to speak, 2:00-4:30 p.m., Memorial Union.
Dec. 6-20: Orientation sessions for new employees, 2-5 p.m., Conference Room of the Campus Personnel Office, 390 Hill St. Contact Personnel Services for further information. All new employees are required to attend one session.
Dec. 7-8: Burglary Conference, Memorial Union. Sponsored by Law Enforcement extension.

Dec. 9-10: Nutrition Education Conference, Memorial Union. Sponsored by the School of Home Economics.

DEADLINES, OTHER EVENTS
Nov. 24: Wednesday, Thanksgiving recess begins, 12:30 p.m.
Nov. 25, 26: Thanksgiving holidays.
Nov. 29: Monday, Classwork resumes, 7:40 p.m.
Dec. 8: Fortnightly Newcomers program at Columbia Art League, Main Gallery. A representative of the League will present a demonstration of ballroom, followed by a tour of the League’s Christmas gift shop, 8 p.m.
Dec. 18: Deadline for stories for next Campus Columns.
Dec. 11: Graduate Record Examination to be administered.
Dec. 14: Tuesday, Classwork first semester ends, 8:30 p.m.
Dec. 15: Stop Day
Dec. 16: Thursday, Final examinations begin.
Dec. 22: Thursday, first semester closes, 5-50 p.m.

SPORTS
BASKETBALL
Dec. 1: Michigan State at Columbia
Dec. 4: Arkansas at Columbia
Dec. 6: Montana State at Columbia
Dec. 8: TCU at Columbia
Dec. 10: University at Pacific at Columbia
Dec. 13: St. Francis at Columbia
Dec. 17-18: Kentucky Invitational at Lexington
Dec. 17-20: Big Eight Tournament at Kansas City

WRESTLING
Dec. 6: All Missouri Tournament, Forest Park Community College, St. Louis
Dec. 8-11: Southeast Missouri State Tournament, Springfield
Dec. 14: Northeast Missouri State at Columbia

SWIMMING
Dec. 3: Big 8 Invitational Prelims at Columbia, 7 p.m.
Dec. 4: Big 8 Invitational Finals here, 1:30 p.m.
Dec. 11: Arkansas and Oklahoma at Arkansas

Golf Gifts Popular For Holiday Season

Christmas is just about the best time for thinking about golf — not so much about what club to use, but what club to buy.

Along those lines, Earl Stone, manager of the University of Missouri’s A. L. Gustin Jr. Golf Course, has said that despite the fact that it is only the middle of November, there are only three shopping weeks left until Christmas. This means anything ordered from the golf shop after Dec. 11 has a good chance of being left behind when Santa pays his Christmas Eve visit.

Since Stone began managing the golf course a little more than four years ago, the business at the shop has increased the rate of $4,000 per year. The annual business now runs to between $55,000 and $60,000 per year. A bit more than $1,000 of this is Christmas business.

“One of the most popular items this time of year is personalized golf balls,” Stone said. “Almost all the major companies will personalize balls but they need to be ordered soon.”

The prices at the golf shop range from 25 cents for a package of tees to more than $15 for electric golf carts. However, the average Christmas golf buyer is usually well in between those two extremes.

“The most commonly purchased set of clubs cost in the $100 to $400 range,” Stone said. “We can get cheaper or more expensive clubs if someone wants to order them. For a beginner, I’d recommend somewhat inexpensive clubs. But be sure they are part of a full line of clubs so that you can add to the set at a later date.”

The golf shop also sells used clubs and takes used clubs as trade-ins on new clubs.

“The amount of the trade-in,” Stone said, “depends on the shape the clubs are in and the amount we think we could sell them for.”

It is also possible to have old golf equipment restored through the University’s golf shop. Regripping clubs costs from $2.50 to $3 while complete restoration of a club runs from $12 to $15.

Stone’s shop also has a built-in incentive for most of its shoppers — a faculty-staff discount.

“The golf shop is run by and for the University,” Stone said. “We give the University staff and faculty discounts of 10 to 15 percent on the items they purchase.”

So even if golf balls do have a tendency to get lost when there’s snow on the ground, winter is not a bad time to think about golf. Especially when Christmas isn’t really too far away.

Two employees who received degrees in the June commencement are Larry Harkness, campus personnel officer, and Jo Ann Dickerson, journalism instructor. Harkness received his master’s degree in public administration; Miss Dickerson’s M.A. is in history.

Earl Stone, manager of the University’s A. L. Gustin, Jr. golf course, shows some of the equipment which are popular Christmas gifts. But, he warns, gifts ordered after Dec. 11 may not arrive in time to make Santa’s sleigh. Faculty and staff may receive 10 to 15 per cent discounts on purchases.
Turkeys Year-Round Business

The spotlight of the Thanksgiving table is most often the turkey — roasted golden brown and dripping with the delicious delicacies the fall harvest has to offer. Turkeys have come symbolically to represent the North American bird, the turkey almost certainly played an important part in the daily fare of Pilgrims on the New England coast.

However, most people only think about turkeys in one time of the year — Thanksgiving. Dr. A. B. Stephenson, professor of poultry husbandry, treats turkeys as a year-round concern. He is director of the University turkey farm, and in charge of raising over 800 turkeys annually, they rush to one end of the building, piling up two or three deep, and several always suffocate. The problem is intensified because the turkey is a high-strung, easily excitable bird. The University breeds pure white turkeys and conducts experiments to increase hatchability of large eggs. "There is very little market for the bronze turkey," Dr. Stephenson claims, "because their dark tailfeathers make them more difficult to process and pluck clean."

Most of the University turkeys are sold to large retail firms. Sales to the general public have been limited because so few people want to kill and dress live turkeys.

There is very little difference between the characteristics of male and female turkeys. "However," says Dr. Stephenson, "female turkeys are a bit quiter than males," Dr. Stephenson adds with a smile. "Some people think the female is a little better to eat, but the only significant difference is in their weight."

The male turkey weighs on average about 25-30 pounds when ready for sale. Normally 250 breeders are retained. Females weigh up to 14-15 pounds.

Turkeys are not noted for subdued behavior. "You could never use turkeys as "watchdogs." They set up a racket of gobbles at any time," Dr. Stephenson says.

Turkeys are very sensitive to the length of day, nature's sign that spring is at hand. Turkeys are laid in the spring, when the daylight is longer and the weather is warmer. Therefore, when you are employing turkeys as a scientific tool, you are employing them when an earlier breeding time is desired: "An average female turkey produces about 60 eggs, the fertile ones. If the birds are not ready to become sitting hens when turkeys are sold, they will come into heat and start laying in the fall. Turkeys are usually sold for meat at an age of 22 to 24 weeks.

Despite a character flaw or two, the turkey remains a welcome addition to a holiday celebration. And for this Thanksgiving, in addition to your other blessings, be thankful that your turkey didn't come to an end as you are becoming your delicious Thanksgiving treat.

Trees Can Add Home Beauty—Plus Hazards

It doesn’t seem possible, but it’s true: You can decorate almost any room for the holiday season. If Christmas trees and decorations are festive additions to Christmas spirit, but they also can be hazardous if not properly used. Nearly one in five tips on care of the tree a welcome and safe part of your home for the holidays.

When you are selecting your tree, check to see if it might be too dry by bumping the tree on the ground. Also pull at the needles on the ends of the branches to see if the needles fall off. If too many do, chances are the tree is too dry. Make sure the bottom of the tree is sticky with fresh-cut resin. Spray, fir and pine are good varieties for retaining moisture. Cedar trees and balsam fir are very fast drying and should be treated with extra caution.

After purchasing the tree, keep it in water for an hour or two. This gives it a chance to start absorbing moisture. When you are ready to set your tree inside, cut approximately one inch off the bottom sawing at an angle. Always keep water in the stand at all times. Normal room temperatures, a tree five or six feet tall needs about one pint of water a day to keep it fresh and green.

Don’t put your tree near a stairway or door, or anywhere where standing or fallen, the tree would block an exit out of your home. Make sure you carefully follow the Christmas tree light wiring and decorating, and don’t use any wires that are frayed. Never use real candles, and be sure to not to overload any outlets or circuits.

When everyone is gone from the house, this is the time to turn off the lights. Don’t leave the tree standing overnight, either: it's better to sacrifice your neighbor's view of your tree than to sacrifice your home to fire. Don't hang tinsel and other ornaments directly over or touching the light bulb. Every object just touching in a short circuit, they can start a fire, and don't take any unnecessary chances.

If you choose an artificial tree this year, most of the same cautions are advised. If your tree is all-metal, Christmas tree care can’t be used, because of the danger of electrocution. Use a colored spotlight instead.

These suggestions should help to keep your holiday home a happy one, and a safe one too.

Dried Plants Popular Fall Decorations

Dried arrangements are popular expressions of fall. Finding and collecting naturally dried aspects can be an extremely enjoyable experience, says Ray Botheiner, extension horticulturist. "Picking leaves and flowers that are already dry will not injure most plants since the growth cycle is done and remaining leaves will still hold water even through the winter."

Don’t overlook plants in the yard and garden when searching for dried plant material. Several trees have seed pods that make excellent fall decoration. The long slender pods from catalpas may still be picked and dried. Seed pods of honey locust or Kentucky coffee trees are a rich brown. The golden rain tree has blader-like three-sectioned pods that are dried black and also provide a rich golden brown.

Staghorn sumac fruit stalks will retain a red color when dried, if hung upside down to dry. Late in the fall they may be used directly in an arrangement allowed to dry them.

Multiflora rose hips will hold their red color well if collected late in the fall and allowed to dry. Since multiflora rose hips and Cattails are a favorite for fall gathering but often disappointing because they may lie flat. Some varieties are not adverse to help hold them together. For best results next year, collect cattails before July 4th.

Pine cones can be gathered for fall and winter arrangements. Press the foliage to prevent excessive curling. However, just as it is important to be completely dry, remove the press and allow them to finish drying while standing in the sun. This will develop more graceful curves and not have a flat, stiff appearance.
Prof Serves UMC, City As Councilman

H. Clyde Wilson, professor of anthropology and Columbia city councilman, says there are two reasons for his seeking public office: "I just feel that you owe some sort of obligation to your community to serve." And: "I find politics extremely interesting. I like making decisions."

Wilson has been a UMC professor of anthropology going on 11 years and was the chairman of the anthropology department when it was established, serving until taking a sabbatical.

Wilson says he has a close relationship between his life as a university professor and his role as a councilman. "By and large, I see them as separate sorts of things." He explains, however, that he probably knows students - as well as faculty and staff - and their problems better than any other councilman.

Still, he says, "I don't think of myself as a representative of students or of the university community."

In addition to council, he says, is the central business district, the educational institutions and the central residential area. In that sense, he says, is to stop any deterioration of these central areas and to begin to upgrade them.

"If we don't do this, the downtown area and associated areas will be surrounded by suburbanism," he says. "And, there is no point in that."

He adds: "The things I have initiated in the city have been successful."

Wilson warns that the day-to-day decisions of running a municipal government often trap those decisions into positions contrary to overall plans for development. The trick, he adds, is to respond to the city problems within the framework of the plan in the first place, eliminating future problems.

Wilson, who was elected to a two-year term last April says he is "just now beginning to feel comfortable with the way the city operates. I'm no longer overwhelmed with the actual organization of the city government."

In addition to council duties, Wilson teaches some 600 students a semester the rudiments of anthropology in a basic course. And about 200-100 of them assisted him in an unsuccessful bid for Congress during 1970.

A native of Wichita, Texas. Wilson taught a year at Texas Tech and spent two years on an Indian reservation in the Southwest.

His wife, Betty, teaches in the School of Social Work and also is a first-year law student at UMC. The couple have five children.

With time divided between the community, the University and his family, Wilson says emphatically: "I can make just a little bit of progress in stopping deterioration of the central area of Columbia, I will feel that I have contributed something."
Recipe of the Month

The traditions of Old Missouri are highlighted this month, as our recipe is taken from the Arrow Rock Cookbook. Published in 1969 by the Friends of Arrow Rock, Missouri, the book was used as a fund-raising project to preserve the charm and country grace of that old Missouri River town.

Friends of Arrow Rock is a state-wide group of which encourage drivers and owners in Arrow Rock to retain and stabilize existing structures. The group also acts in emergency situations, as the foreword of the cookbook states, to acquire and preserve significant buildings in the town.

One of the delightful old-time inns of Missouri is Arrow Rock's Black Sheep Inn, from whence comes this recipe for an easy, elegant lunch or dinner for two.

MONTIC CRISTO SANDWICH

2 eggs
1/4 tsp. salt
1/4 tsp. baking powder
1/2 cup milk

Break eggs into bowl. Add milk and beat well. Add salt and baking powder. Mix well and set aside for three minutes.

4 large slices French or Italian sourdough bread
2 large slices baked or boiled ham
1/2 lb. American or Cheddar Cheese
2 tbsp. sifted flour
1/4 tsp. salt
1/4 cup milk

Sift flour into milk; stir until smooth. Add salt and mix well. Heat over low flame, stirring until mixture comes to boil. Add cheese and stir until melted. Remove from heat and set aside.

Now begin to assemble the sandwich. First, dip bread into egg batter. Let soak briefly, but not until soggy. Fry in greased skillet until golden brown. Remove from skillet. Place two slices side by side on cookie sheet. Cover with ham slices. Ladle generous portions of cheese sauce over ham slices and bread. Top with three slices of bacon. Place under broiler until lightly brown. Remove from cookie sheet with pancake turner. Place on full size dinner plate and garnish with lettuce cup and whole grapefruit.

Serve piping hot. A meal for two.

Rivers Offer Floating Enjoyment

It probably would be pretty hard to "sell" most people on the idea of a Missouri float trip during the middle of the winter—but late fall and early spring are probably two of the best times of the year to enjoy the state's scenic rivers and waterways. Most float trips involve fishing, but the floater can enjoy a trip while never wetting a line. Float trips and float fishing, which originated in the Missouri Ozarks at the turn of the century, are becoming more popular every year as more and more outdoorsmen and "out-staters" discover the rivers.

The unique method of fishing attracts thousands annually from most states of the Union as well as Canada. The Missouri Tourism Commission's officials say that interest in floating is as strong in one part of the country as another.

One can float for a half day—or two weeks—depending on how much time and money he wants to spend. There are some 25 popular float streams in the Ozarks. Most are served by experienced guides who can provide all the necessary services, from simple noon meals to luxurious (for the out-of-doors) trappings.

Most trips are made in "John" boats, although canoes are also popular. The float fishing trip idea probably originated in the James River area with Charlie Barnes building the first float trip boat, or "John" boat, in 1904. Barnes' boat ranged from 18 to 20 feet in length, with a maximum width amidships about three feet and a depth along its sloped sides about 15 inches. The boats have changed little since then.

For the modern fisherman, all he need bring is his fishing tackle. And even that can be supplied. Outfitters usually supply the equipment, food and other essentials. The cost per person averages about $15 to $20 a day, but for exact costs you should contact the outfitter in the area in which you wish to float.

Almost 40 outfitters are listed in a Tourism Commission brochure. For more information, write the Commission at: Box 1065, Jefferson City, Mo. 65102.

Meantime, happy floating.

Botulism Facts Given
By UMC Food Scientist

Botulism, a subject in the news earlier this year in connection with canned soups, is dangerous but rare, according to Harold Bassett, Extension foods scientist.

Bassett presents figures showing that in the United States there were only 1,696 cases reported during the past 70 years. The number of deaths from botulism is not high. There were only 957 persons who died from the disease in the past 70 years. The figure is small when compared to the 500,000 who die annually from heart attacks.

However, the danger of botulism is revealed in the percentage of persons who die after being stricken. The figure is 57 percent of the 1,696 botulism cases reported in the past seven decades.

Botulism results from eating, drinking, or injecting a poison produced by bacteria. This particular poison, says Bassett, is perhaps nature's deadliest product. Persons who consume tiny amounts of the poison become seriously ill or die.

It is a simple preventive for botulism. According to Bassett, simple boiling of canned foods for a few minutes just prior to eating renders the poison harmless.

However, the bacteria which produce the poison are harder to get rid of. To do so, high heat throughout a certain time period must be used when canning foods.

Bassett points out commercial canned food processors do a good job of killing the bacteria. From 1959 to 1971 only four deaths from botulism occurred in the U.S. from eating commercially canned foods. During this period the public ate the food canned in 775 billion containers.

During these same years, nearly 700 persons died after eating home canned foods. Bassett says many foods being canned at home must be heated in a pressure cooker to kill the spores that produce the poison that causes botulism.

Botulism is not a new disease. Bassett attributes the increase in the number of deaths to improvements in the methods of processing. Or, simply, public ignorance. Bassett suspects that Emperor VI of Byzantium (866-911 AD) was referring to it when he banned eating of blood sausage because of its harmfulness to health.

In Germany about 1780, outbreaks were first observed and associated with sausages (botulism), hence the name botulism.

Battery Tips Given
(Continued from Page 4)

terminals and top with a solution of baking powder and water. A mixture of a fourth pound of baking soda to a quart of water will do the job. Tighten vent caps before washing to help prevent the solution from getting inside the battery.

After washing, rinse the battery with water. Then make sure holes in vent caps are open.

And finally, a word of caution. If you intend to use a charger on a discharged battery, before starting the charger completely remove all battery vent caps. This will avoid the possibility of gas pressure building up in the battery.

Booklet Offers Tips
For Care of Valuables

Tips on ways to care for valuable possessions in the home, such as china, earthenware, glass, and marble, are offered in a Home Economics Guide.

The Guide is written by Miss Alice Mae Alexander, Extension family economics and management specialist.

A copy of the publication, entitled "Care of Valuable Possessions," can be obtained free.

Miss Alexander explains in the Guide that some food will damage china if allowed to remain on it for an extended period. Therefore, she suggests it is wise to store food in good china. Extreme heat or cold is also hard on china.

She advises that a paper napkin or piece of soft material should separate stacked fine china plates. The reason is to prevent the un glazed underside of one from scratching the glass of the plate below.

Among the many other tips in the Guide are:

Don't hang cups from hooks. That is a principal cause of broken handles.

In spite of the sturdy look of earthenware, it is no stronger than delicate china and stoneware. Therefore, treat it with care to avoid chipping and cracking.

To preserve the sparkle of good glassware, wash it several times a year in warm—not hot—water using a mild detergent. Rinse in warm water and dry with a lint-free cloth. A small amount of bluing or ammonia added to the rinse water will give a high sparkle.

Driving Course
Given Soon

The National Safety Council's course in Defensive Driving will be offered on campus to UMC employees.

The course, which will consist of four two-hour sessions, will be from 10 a.m. to 2 p.m. on Dec. 2, Dec. 7, and Dec. 9. The second course will be on the same days from 1 p.m. to 3 p.m.

Priority for participation will be employees who regularly drive UMC vehicles and then all other employees, both academic and non-academic.

Registration will be accepted only through deans, directors, administrative officers and department chairs or administrative department heads.

Registrations should be mailed or telephoned to Mrs. Opal Glass, Personnel Services, 306 Hitt Street, 448-6261, Ext. 44. Information should contain: employee's name; employee's work address; employee's priority number as outlined above; and the class preferred.

Registration will close Nov. 22. Early registration is urged.

Walker — Missouri Tourism

A float trip on the Current River
Sevier Prefers Helping Others

The friendly man in the blue uniform: "that's what John Sevier, former day watchman and now day man of the watch office, has meant to University students and staff since 1950.

Sevier has been here to see the University campus almost double in size, and to keep the facilities running smoothly during the changes.

"YOU MIGHT SAY our work in the watch office is doing things for other people," he explains. And that's the part he enjoys the most. Whether it's unlocking a door for a junior who lost his key or assisting at Saturday football games, John enjoys helping others.

One of the busiest times of the year for Sevier is University registration. "A lot of our time during registration is spent giving directions to lost freshmen and foreign students. I guess they spot our blue uniforms and know they can come to us. We try and help them all we can — a lot of those poor kids are away from home for the first time and don't know who else to ask."

John's "trouble-shooting" job brings him into contact with many University students. "The students have always been real nice to get along with; and, on the whole, real cooperative. Some of the most frequent run-ins we have are with kids who get going in Jesse Auditorium; but almost all of the kids have a good attitude and don't give us any trouble."

John has been beneficial to him in other different ways. "I think my attitude about kids today is different than it would be if I wasn't working here everyday. I really enjoy that, and I know now you can't judge them all because of a few. I say, 'I'll try to work with them, just get along with them,'" he chuckles.

"ONE SUMMER I had to tell some kids who were wading in one of the fountains to leave, but they were real polite about it. You know, I really couldn't blame them — it looked kind of tempting to me."

The variety of jobs for watchmen to do keeps John busy, although, "since I've been here, there's been more work for me to do.

"Our main responsibilities are to check the repair of buildings and facilities, check fire protection equipment, watch for unsafe conditions and to regulate heat. But we never really know what to expect next. There's always something different going on," John says.

John's feelings about his work are simple and to the point: "I want to help keep the University going. I think my helpful attitude is a good asset to meet that goal."

Know Your University

A plaque unveiled in June, 1959, at UMC's Sanborn Field notes that aureomycin originated from a soil sample taken from one of the field's test plots.

The fungus was discovered in a sample from a plot that had been in timothy continuously since 1888.

Clinical trials showed aureomycin useful against more than a hundred diseases, including a great many untouchable by penicillin or streptomycin. Even the waste of the fermentation required to produce the fungus, when added to feed, stimulates the growth of farm animals. As little as one part aureomycin per million protects chicken and fish from spoilage and this fact became the basis for the Acronez process for food preservation. Other newer antibiotics supplanted aureomycin for human medical use but it continues to be made for animal feed use and food preservation applications.

Sanborn Field, located at College Avenue and Bouchelle Street, contains 44 test plots and is the oldest experimental area west of the Mississippi River. It has been in continuous operation since 1888 when University professor I. W. Sanborn laid out the field. It is generally acknowledged that many of the great and most forward-looking advances in soil science during the last three-quarters of a century emanated directly or indirectly from results attributable to old Sanborn Field.

Under a new state law which took effect Sept. 28, the University of Missouri is now paying the 3 per cent state sales tax on retail sales made by the University. In turn, as permitted by the sales tax law, the University is collecting the tax from buyers for remittance to the state.

The University and other public higher education institutions previously were exempt from paying the state tax on retail sales. However, Senate Bill 72, the new law which became effective Sept.

Program Aids Citizens Gain Public Services

One of the biggest problems facing state and local governments is how to provide all the public services better streets and roads, schools, health care facilities, parks, pollution-free waste treatment and the like.

UMC Extension Division and the University-wide Extension staff have launched an educational public affairs program designed to help citizens and public officials seek solutions to such problems. This effort is a response to needs expressed by individuals, and community and state organizations.

More than two years ago, Extension community development specialists working throughout the state reported that many of the requests they received for help dealt with the problems of providing adequate public services.

A committee on the UMC campus began to develop an educational program to help citizens better understand these problems and provide a framework for discussion of solutions. The chairman of the committee were Bryan Phifer, professor of regional and community affairs, and Clarence Klingner, professor of agricultural economics.

Result of two-year effort is the public affairs program "Providing Public Services: Issues and Alternatives."

A variety of educational materials have been prepared. Included are discussion leaflets, reference publications, slide-tape presentation, and mass media materials.

Major topics covered in the material include: stresses on local government, public policy and political culture of Missouri, trends in state and local government finance, and alternatives for providing public facilities and services.

Publication authors include Fred McCovery, director, Extension community and public sector programs; Richard Dehm, associate professor of political science; Curtis Breschel and Robert Ivens, associate professors of agricultural economics; Eugene Reeves, director, Extension law program; Jack Timmons, assistant professor of regional and community affairs.

The materials are designed to be used in a variety of settings: with informal study-discussion groups, formal organizations, civic groups, and agencies, schools, and community groups concerned with specific issues.

A basic teaching method will be small study-discussion groups of 10 to 12 persons. Volunteer discussion leaders will receive training in both the content of the instructional materials and how to conduct informal group discussions.

"The University of Missouri is committed to such public affairs education. As the State University, it must help the citizens of Missouri to better understand and deal with critical issues. The University can provide facts and present alternatives for consideration. But only..."
National Book Week, Nov. 14-20

Dance of Death

When life was more dangerous, disease more prevalent, and heaven much closer, men were only too aware that all-powerful Death would claim them, be they mighty or lowly. The idea fascinated painters and poets, who developed the theme of the Dance of Death. A procession of humans, from rich and powerful to poor and humble, would file past a skeletal Death, who summoned each in turn to join the dance. Interest in the Dance of Death spread from Germany to England and France, and never really lost favor, as these pictures show.

Librarian Marcia Collins, who arranged the display, observes, "Though the subject of death is depressing, the Dance of Death was often pictured as comically grotesque. The Death dance also gave one social class an opportunity to make fun of another since no class could escape Death."

In the main Library Mrs. Collins has arranged a display of the Dance of Death theme coinciding with National Book Week. Pictures here and in the display are taken from the Library's rare book collection.

An English Dance of Death is expressed here by 19th century graphic artist Thomas Rowlandson. Death shows by his hourglass that the corpulent, worldly Bishop's time is up.

A World War II Dance of Death by Belgian woodcutter Frans Masereel shows an endless procession of war refugees unwittingly following the death figure.
When Milton "Pete" Baker began his job at Noyes Hospital in September, 1946, the dietitian said he'd last two weeks. But Baker proved her wrong — he stayed 25 years instead and became the kitchen supervisor.

Baker not only outlasted the skeptical dietitian, he also outlasted the subsequent changes in Noyes, seeing it evolve from a hospital which served the community as well as the University, to the Student Health Service, designed exclusively for students.

"When I started working here," Baker recalls, "we were the food service for the clinic and the hospital. The dietitian had more floors to send food to, here and we'd also prepare meals for students who were then hospitalized in Parker Hall and the children at the crippled facility which was in what is now the clinic."

In 1956, when the Medical Center opened, Baker was given the opportunity to move along with other employees of the old hospital. But he decided to stay.

"The people in this building are all very nice and nice to work with — the doctors, nurses, dietitians, everybody. I was satisfied here and I couldn't see any reason for moving to the Medical Center," Baker says.

At kitchen supervisor, he is responsible for ordering the food for all meals and carrying out the menus drawn up by the resident dietitian, Florence Habib, who began her duties in June.

"We have to see that they have all the food for the next day and we do all the ordering of supplies. But I'm the supervisor just for the morning shift, 5:30 a.m. till 2 p.m. I keep records of all my orders and have to order certain things on certain days."

And, of course, Baker as well as the other employees of the Student Health Service kitchen watch the students' trays to see what is eaten and what is not. If a certain item seems universally unpopular, it will not be served again.

Baker has been kitchen supervisor for four years now and knows well how to keep the Health Service kitchen stocked with food.

He orders fresh, the dairy everyday, from central bakery on Thursday, and he orders produce three times a week for the following week.

According to him, it is a rare thing for the 1,000 meals to run out of food supplies.

"Occasionally we have come close to running out, but even that doesn't happen very often. And we always keep ham, turkey or something on hand for emergencies."

Starting his work day when most Colombians are still asleep, Baker's first order of business is getting the morning meal served to students in the infirmary.

"We never know how many we'll have when we start at 5:30. You know how many you had the day before, but kids are admitted during the afternoon and evenings. Some have breakfast in bed or less than before," he explains.

Baker knows from experience just how much food it will take to serve a certain number.

"If we have 50 students in the health center, we can count on using about eight dozen eggs for breakfast in the morning."

Besides the day-to-day business of getting the meals out, Baker has some additional duties. Since he is in charge of the kitchen, he also is in charge of setting up for parties given for Health Service employees.

"We have a Christmas party and birthday parties. We pick one day in the month and celebrate for all the persons having birthdays that month. We decorate the tables and have a little bite to eat," he explains.

"But the most fun of all is the holiday season. Out on holidays, we decorate the trays for the students who are sick. A few weekends ago, we had tray covers that were decorated for Halloween. And every holiday we send something different along with the meals."

Baker says he never dreamed when he started work here more than 25 years ago that this job would last as long as it has.

"It was just a very funny that I got the job," he relates. "I finished school May 22, 1946, and decided to look for a job. On June 1, I applied at Noyes Hospital and got the job, but I decided that I didn't want it. So I loaded for the next three months, but came back in September and asked if the job was still open."

"My cousin stayed here 43 years and that was unbelievable, but I'm on my 25th and that's something too," Baker says.

At 43, Pete Baker is still a confirmed bachelor.

"I work with those women in the kitchen all day — and you know how that gets," he says with a chuckle. "I get enough of women and cooking when I'm here. So when I get home, I like to relax."

Baker says he worked weekends during the week, but doesn't always have weekends off. "The kitchen has to be run seven days a week and that's one of the advantages of being a bachelor."

When he's not at work, he likes sports and says he goes to the University basketball, football and baseball games every once in awhile. "I go for the more traditional sports," he says.

He's also social chairman of the Imperial Club, a men's social club that meets the first and third weekends of each month.

"We are a social club, but we have some projects. We also have a television in the nursery school on Ash Street and we have donated money to help keep up a park." Baker says he's been busy over the past month as chairman of the reunion weekend of former Colombians. His planning culminated in a gala weekend attended by about 1,100 former and current Colombians. The evening place every three years, and Baker says he was planning for the one held in August, 1966, and we will all turn our cars. I get every third weekend off," he says.

"When he's not at work, he likes sports and says he goes to the University basketball, football and baseball games every once in awhile. "I go for the more traditional sports," he says.

He's also social chairman of the Imperial Club, a men's social club that meets the first and third weekends of each month.

"We are a social club, but we have some projects. We also have a television in the nursery school on Ash Street and we have donated money to help keep up a park." Baker says he's been busy over the past month as chairman of the reunion weekend of former Colombians. His planning culminated in a gala weekend attended by about 1,100 former and current Colombians. The evening place every three years, and Baker says he was planning for the one held in August, 1966, and we will all turn our cars. I get every third weekend off," he says.

A man like Pete Baker exerts much energy in his work and leads an active life both on and off the job.

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

HAWENER RALPH S JR
908 SONDRA AVE
COLUMBIA MO 65201

Second-class postage
paid at Columbia, Missouri

UMC Pays 3% State Sales Tax
(Continued from Page 6)

28 removed that exemption.

The University has, through the General Counsel's Office, successfully fought for the law which items the University sells or provides are taxable under the new law, and the 3% state tax is being collected on those items being sold through the various units of the University.

The Office of General Counsel calls this exemption from tax. Generally speaking, retail sales to the public such as University Business Office are subject to the tax. All University units which have occasion to make sales have been informed of the procedures for collecting and reporting the tax, and recent information from these units indicates that the new procedure has been implemented smoothly due to the conscientious efforts and cooperation of the staff responsible for this activity.

Citizens Gain Savings
(Continued from Page 8)

the people of Missouri can and should decide what to do about public issues.

Coordinating program plans in the Columbia area is Paul Lutz, community development specialist, located at the University Extension Center, 1408 Pennsylvania Avenue.

The Nov. 27 Missouri Forum, to be broadcast at 6:30 p.m. on Channel 8, KOMU-TV, will feature a five week educational program. The telecast takes its title from the program—"Providing Public Services in Missouri—Issues and Alternatives."
**Personnel To Promote More**

Employees can now have a more significant hope for future promotion, and employee turnover should be reduced with the recent introduction of a new four-campus Manpower Planning Program.

The aim of the program is to fill new positions by promotions from within, rather than hiring from outside the University.

The program's first phase, presently underway, involves information gathering. All Administrative, Service and Support Staff at the $7,000 level and above are being inventoried to provide file information on qualified personnel. Employees are being asked to provide their educational background, work experience—both within and outside the University—and information on special skills, professional associations, and references concerning them.

Since the program is University-wide, the employee is also asked to designate whether he or she will consider relocation to another campus, if necessary.

"Basically, through this program employees will now be able to have current resume information on file with the University—instead of sending it to some corporation," says Don Zick, Manager of Employee Training and Development, who proposed the program.

**AFTER ELIGIBLE EMPLOYEES have been inventoried, file cards will be set up on each campus. On the Columbia campus the file will be located at the Campus Personnel Office, 309 Elliott Street. Employees are encouraged to call in changes which develop in their inventory cards during the coming year. Also, cards will be sent out at approximately this time next year for revision purposes.**

The second phase involves actual use of the files. When an administrative, service or support staff opening develops, the department head would send a requisition to the Personnel Office and mention the basic criteria he has in mind. The Personnel Office would then provide the department head with the cards of qualified candidates.

If the department head is interested in one or more of these people, the Personnel Office will talk to the individual's department head concerning an interview with the employee. If a qualified employee cannot be located through the local campus file, a search would be made through the other three campus' personnel offices.

**CONCEIVABLY, AFTER these steps have been taken the position would be filled. If not, the Personnel Office would then go outside the University to fill the position.**

The file will also be valuable in reporting to University administration such things as how many non-academic people have degrees, the number of people in various age categories, salary information, length of service data, and changes in the information from year to year.

**The program is also aimed at reducing service personnel turnover which had reached 41% per year. The University is, in effect, "serving as a training ground for future employers and this Andy and the state," said President C. Brice Ratchford in a recent report to the state legislature.**

The new program should also encourage employees to further develop their skills, making them more attractive for possible promotions.

**TO INSURE FULL support for this new program, a letter from President Ratchford has been sent to all vice presidents, directors, deans, and the department heads explaining the program, encouraging support for it, and requesting that--of the new procedure when vacancies exist.

"The one major concern I have," says Zick, "is that some departments will not want to let their better employees go. But, being an optimist, I feel most will think first of the overall University—and the employee's benefit—and go ahead and support the program."

With support for this new program, and the already established job posting procedures, it looks as though qualified employees, and those working to improve themselves, will now have considerably more possibilities for career improvement.

---

**Lt. Col. Peters receives the Legion of Merit from Maj. Gen. W. C. Franklin as Mrs. Peters looks on.**

**Lt. Col. Peters Receives Legion of Merit Award**

Lt. Col. Henry H. Peters, University director of instruction and assistant professor of military science, received the Legion of Merit award recently at a ceremony in Crowder Hall.

Maj. Gen. W. C. Franklin, deputy commanding general of reserve forces, soldier of the Fifth Army, presented the award, second only to the Distinguished Service Medal for service during World War II.

The Legion of Merit is presented to a member of the armed forces who has distinguished himself by exceptional meritorious conduct in the performance of outstanding services. Lt. Col. Peters received the award for his service from July 6, 1967, to Oct. 31, 1971.

Under his direction University cadets earned the Campus Teachers Award of the class, achieving those with 70 or more cadets at summer camp, for two consecutive years and the award for the highest scoring cadet following the year.

Lt. Col. Peters is retiring from the Army in December and will attend the University to work toward a masters degree in business administration. He wants to work in hospital administration or an allied field after graduation in May 1973.

---

**Red Cross Drive Set for Med Center**

The Medical Center will host a Red Cross drive Wednesday, Jan. 5, from 12:00 to 4:30 p.m. The drive will be located in the gymnasium of the Mid-Missouri High School, with Century.

A blood collected at this drive will count toward the annual blood quota for this hospital. If the residents of Boone County are invited to participate.

Persons who donate will receive a coupon for any blood not for themselves and their families for one year from the date of their donation. Donors will not have to pay for the blood nor see its replacement with an equivalent amount of blood. This form of “advance insurance” protection extends to any hospital in the United States.

---

**Curators Ask Increases Of National Pay Board**

The Board of Curators has asked the Federal Pay Board for permission to make requests to any and all pay agencies to comply with individual contracts which were in effect last Sept. 1. The major points discussed in the request were announced by President C. Brice Ratchford. The increases were approved in the 1971-72 operating budget but did not become effective in view of the national wage-price freeze which occurred Aug. 14. The Pay Board indicated that the 30-day month that retroactive pay requests could be submitted for consideration.

Amid the points made by the University:

1. The Board of Curators of the University is a constitutional body of the State of Missouri.
2. The University Budget for 1971-72 was based upon funds appropriated by the State Legislature and approved by the Governor for the fiscal year beginning July 1, 1971, and ending June 30, 1972. The Budget was officially approved by the Board of Curators on June 26, 1971. The University operates on a fiscal year beginning July 1 and the salary and wage portion of the budget was encumbered as of that date.
3. Individual salary and wage increases were authorized with all faculty and staff, except for July 23, 1971. Increases included in the budget, excluding promotions, amounted to an average increase of less than six percent.
4. The State of Missouri increased its 1971 income tax, rate for the fiscal year, for the purpose of providing additional financial resources for the University of Missouri and other agencies.
5. For the previous fiscal year, beginning July 1, 1970, through June 30, 1971, the University did not receive an increase in its level of state financial support. As a result, average increases for faculty and staff were less than the increase in the cost of living.
6. The non-academic service and support staff wage and salary scales of the University are far below comparable wage scales for employees in our area, and a salary survey of comparable agencies is below many comparable University salary levels.

7. Employees of other State agencies received their increases July 1, 1971, in accordance with the funds appropriated by the State Legislature. However, the University, in keeping with more traditional academic calendars, adjusts faculty and staff salaries on a pay-year beginning Sept. 1. Hence, the freeze coming on Aug. 15 created a very severe inequity for all University employees in comparison with other State services.

---

**UMC Budget: Big Influence On Economy**

Foresight of the 900 individuals who raised $117,001 to secure location of the University of Missouri in Columbia in 1849 was demonstrated again in the UMC financial report for the fiscal year that ended June 30.

IT IS UNLIKELY that the pioneers completely envisioned the economic impact of these dollars—and only $72.35 in pledges and interest were not collected—would have on the city and Boone County. The latest financial report indicates that UMC had an operating budget of $104,433,083 for the fiscal year and that approximately two-thirds of that sum was spent on salaries.

This is the first year that over $70,000,000 was made available for bank deposits, house payments, rents, food, medical care, insurance, tax payments, utilities and the myriad other demands in salary checks. Economists differ on how much business a salary check engenders but a conservative figure could indicate that UMC wages and salaries easily generate $100 million or more in the business life of the community.

ALL OF THE UMC expenditures, of course, are not spent in Columbia or Boone County. Some of the funds are utilized for

---

*(Continued on Page 2)*
Active Professor Enjoys Work

Mack Jones should have held out for a performance clause in his first contract with the University of Missouri. Dr. Jones (William M. in the pink pages of the Campus Directory) started teaching Introduction to Shakespeare in 1962 or 1963 ("the date really isn’t important") with a class of 50 more or less students. Even though his class has been divided into two classes, he still has some 360 students enrolled this semester.

DESPITE THE FACT he was featured as a "typical professor" in a United States Information Agency magazine story, Jones really isn’t your everyday, garden variety professor. He currently is writing a book on seventeenth century romance, which running stout as leading man of the U. 12th. Then, he jumped off nearly every stage on campus.

"Water Auditorium was one of my first jumps," Jones said. "It was maybe the most effective jump I’ve made, probably, because it was the farthest. I thought I’d sprain my ankle."

Jones is more than one big auditorium full of laughs. As a member of two faculty- alumna committees, the Banquet Committee and the Continuing Education Committee, Jones can claim a real interest in the service of the University to the State of Missouri.

"THE BANQUET COMMITTEE doesn’t take much time," Jones said. "But the Continuing Education Committee is really quite interesting. The title is a misnomer. What we really do is send faculty members across the state to alumni and service organizations for a dialogue session."

Jones and the other faculty members involved in the Continuing Education Committee aren’t in this strictly for the plunder of the fried chicken, green peas and folded napkin circuit and they are not in it entirely for the benefit of the audience. These dialogue sessions can make their jobs easier, too. "I do think you’re teaching the kids," Jones said, "you need to know what environments they come from. You might not be reaching them at all. That is why we have to be careful who we send where. It wouldn’t benefit anyone if we sent a faculty member to a place where his ideas would offend the listeners."

HOWEVER, DESPITE the committee, during the Sunday School class and even despite the student conferences, Jones’ fault is still Shaw. "I just can’t get away from the irony of the whole thing. When Jones was getting his A. B. and M. A. at the University of Alabama, his Ph. D. at Northwestern University, Shakespeare was just another 17th century writer—and I believe his class was sold in the continuing education courses at that time. So I’m not looking for a change there."

"I can’t say Shakespeare was forced upon me," he says now. "When I first started thinking about major interests I thought Shakespeare was upper-middle-class. The high-class writers of the non-Shakespearean Renaissance wrote for an upper-class audience. I was more interested in that. Shakespeare just wrote to entertain. But when I came to teach the class, it was a situation dictated that I teach the Shakespeare class."

AND, HE’S STILL teaching the Shakespeare class. Just think, since 1962, or 63, Thomas Eagleton has gone from attorney general to U. S. senator. Richard Nixon has gone from an unemployed vice president to president and Lyndon Johnson has gone from vice president to an unemployed president.

Jones really hasn’t gone anywhere. He still teaches Shakespeare, he still jumps off stages and he is still called Mack.

"I just couldn’t stand to be called Bill Jones."

How could anyone criticize a guy like that?

Obituaries

Charles W. Bayle, plasterer III for the Physical Plant, died Nov. 2. He had begun work March 5, 1966.


Charles W. Woods, storeroom manager for health and physical education, will retire Jan. 31. He has served the University 25 years, starting work April 7, 1947 as a maintenance employee. He was named storekeeper Sept. 1, 1956, and attained his present title July 1, 1965.

Paul S. Clegg, fireman for the Physical Plant, will retire March 19 after having started work for the University March 1947, as a maintenance employee. He was named to his present position July 1, 1960.

J. W. Crane, lead man for the Physical Plant, retired Dec. 31. He began work Feb. 16, 1946, as a floor finisher, and was named maintenance foreman July 1, 1962, and attained his present status July 1, 1965.

James C. Bohn, power plant mechanic for the Physical Plant, retired Nov. 30. He had worked for the University 25 years, starting Nov. 31, 1939. He began janitor May 3, 1962, and attained his present title Sept. 1, 1961.

The following have been named by the Board of Curators as members of the Missouri Alumni Hall of Fame:

1. A. Neese, former head of the Physical Plant, retired Dec. 17, 1920 after a 43 years’ service to the University. He had begun work Sept. 9, 1917, as a food service clerk and was named storekeeper July 16, 1920, and food service worker, July 1, 1967. He was appointed janitor May 3, 1962.


4. Ruby P. Grace, senior clerk at the Medical Center, retired Oct. 31 after 15 years with the University. She began work March 29, 1955, as ward clerk and was named admissions clerk to her present title July 1, 1968.

Polly Z. Bennett, supervisor at the Medical Center, will retire Jan. 31. She began as admissions credit officer Feb. 1, 1967. She was named credit officer July 1, 1960, and attained her present title Sept. 1, 1961.

5. John W. Crane, floor finisher III for the Physical Plant, retired Aug. 17 after 13 years’ service to the University. He started work here March 5, 1966.


7. Frances E. Reese, secretary-stenographer for food service, retired Dec. 31. She began work July 1, 1960, and has completed 11 years’ service with the University.

8. Ellis J. Tibbs, janitor for Student Health Service, retired Nov. 30. He began work July 29, 1962, and completed 11 years with the University.


11. Elmer K. Tibbs, senior licensed practical nurse for Student Health Service, retired Nov. 2, 1970. She had begun work July 1, 1962 as a licensed practical nurse and was named to her present title Aug. 1, 1968.

12. Joseph J. Wolf, machinist II for the Budget AIDS Economy

(Continued from Page 1)

extension, agricultural research, travel and similar activities. But the community development programs and financial aid to students for University-wide expenditures which adds about $18.5 million during the fiscal year. Additions to the impact of the land economy are the expenditures of 21,942 students who, if they only spent $100 each month, a ninth month would contribute about $10 million to the area economy. "IF we INDEED, were Pioneers of the last century, as were those of the 1800s who raised another $50,000 and pledged fire protection, the General Assembly would just keep the University in Columbia instead of moving it, as was discussed, after fire destroyed Academic Building in 1962."

CAMPUS COLUMNS

CAMPUS Columns is published monthly except July and August for the information of all students, faculty, staff, alumni, and friends of the University of Missouri. It is edited under the supervision of the Office of Public Information in cooperation with the Financial and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication. (Deadline is listed in the Calendar of Events.

Director: Larry Ridgeway
Editor: Margaret Bell Kreuzer

Recipe Of The Month

If ham is on your menu for the holidays this year, here’s a little something new and different with it, try this family favorite. This recipe will easily serve six, but if your guest list includes students home from college, double the recipe and make two loaves. Ham loaf also makes delicious cold sandwiches for those hungry football fans who won’t leave the television.

HAM LOAF

1 lb. ground smoked ham
1/2 lb. ground pork
1 cup fine bread crumbs
1 cup milk
2 Tbsp. grated onion
1 tsp. paprika
1 tsp. salt
1/4 tsp. dry mustard

TOPPING

1 cup brown sugar
1 cup vinegar

Combine ingredients in order. Mix well. Shape into loaf; bake in a deep baking dish. Bake 1 hour 15 minutes, then pour topping over loaf. Bake another 30-45 minutes at 350 degrees.

Hint: save yourself a little time and nuke the bottom loaf in the microwave and then it will make a really nice size

for the ham loaf recipe is Geri Welch, student assistant for the Office of Public Information and enthusiastic young cooking expert, who admits her mother is the original owner of the recipe.
Aloft as the bird he has made is young Jimmy Garrett, son of Dr. and Mrs. Phillip Garrett. Steve Sackin, a student trainee in the Child Development Lab, provides Jimmie with the necessary upward lift, while Geoffrey Doyle, son of Dr. and Mrs. Gregory Doyle, happily awaits his turn.

A Child Is Born...

to learn. Christmas and children and learning seem to go together.

A tree in front of the Child Development Lab in Stanley Hall is a reminder of the Christmas season for the tots who work and play inside. They recently decorated the tree with their own creations and the wind cooperated by making the decorations dance. Moments later the children were back inside at their tables, preparing wreaths for their doors at home.

The children’s Christmas preparations reflect part of the learning philosophy of the Lab: let the child express himself through his own creativity and permit him to become directly involved by doing for himself rather than having others do for him.

Bonnie Campbell, daughter of Mr. and Mrs. Bruce Campbell, ties on her "winged thing" as graduate assistant Jeannie Em- minger steadies the branch.

It takes concentration to make a proper wreath for the front door of your home out of a paper plate. In the background, seated, is Linda Allen, student trainee. Standing is graduate assistant Sally Jennings.

Two children pose for the camera while two others discover that the paper plate wreaths can be used for bracelets and hats. From left foreground are: Patricia De Facio, daughter of Dr. and Mrs. Brian De Facio; Jomar Abilay, son of Mr. and Mrs. Teodoro M. Abilay; and Lorissa Dorn. From left background are: Angie Tapp, daughter of Mrs. Ernestine Tapp; Meghan Holleran, daughter of Dr. and Mrs. James V. Holleran; Jeff Moag, son of Dr. and Mrs. Rodney Moag; and Hartley Rogers, son of Mr. and Mrs. David Rogers.
Job in the Spotlight:

Thewke Curator-Librarian For Entomology Museum

"Actually, our museum is more like a library; our material is not on display as such, we have it cataloged and keep it in files," Siegfried Thewke, curator of the Entomology Museum says. But unlike a library, the material is not books, it is insects, and the files are really cabinets which contain insect specimens, from butterflies to beetles.

Thewke acts as "head-librarian" over the million-plus collection, in charge of identifying, cataloging, and arranging the specimens.

"The specimens are not on display because direct light ends to fade some of the brilliant colors in many of the insects," Thewke explains. But that's no problem for interested visitors to the museum.

Thewke is more than willing to show as many of the cases of interest as possible, explaining the differences and similarities between the insects.

."Our museum is quite unique," he adds, "because we include not only 26 species of insects, but also spiders, mites, ticks and even scorpions, when we can get them." The species come from all over the world as gifts, loans, trades and purchases.

The specimens include about 17,000 butterflies and moths, each family unique in its colors, markings and size. Each insect is individually tagged and cataloged for more accurate organization and information about the material.

"Right now, I am trying to organize what we have for eventual publication of a catalog. Thit way, entomologists all over the world will be able to make use of our extensive inventory," Thewke says. "We want to get a little more use out of this place;" he adds with a smile.

The museum, located in the agricultural building, has been open since the early 80's. Dr. Wilburn Kinns, professor of entomology, is overall director of the museum and research, and Thewke supervises the actual museum work.

"Although the museum is part of the University, it is actually owned by the state and operates on state funds," he explains. Currently, part of the staff is busy sorting a large collection of insects collected as a hobby in the early 1900's by a St. Louis physician.

"The hard part is identifying each individual insect," Thewke says. "If we are unable to identify them here, we send them for other entomologists to check." His work involves great detail and often minute specifications for identification and cataloging. "The only difference between two butterflies may be the number of spots on their bodies, or in the case of beetles, the width of an antennea."

Visitors are always welcome at the museum-library. Thewke may not let you check a bug out, but he'll be happy to show you around.

SIEGFRIED THEWKE

Calendar of Events

LECTURERS, SPEAKERS
Jan. 18: University Assembly Lecture: Raymond D. Vasin, professor and chairman of resource development, and president of the Community Development Society, will lecture at 2:30 p.m., in the Memorial Union Auditorium. He will discuss "Current Issues in Development." A reception in the Alumni Lounge will follow. Students and faculty are invited to both lecture and reception.

Jan. 26: Mark Gayn to speak on the China situation, 8 p.m., Jesse Aud. Co-sponsored by Journalism and Student Activities.

CONCERTS, PLAYS
Jan. 24: Harpsichord concert, Igor Kipnis to perform, 8 p.m., Jesse Aud.

FILMS, EXHIBITS
Jan. 11-Feb. 11: Exhibit: Marvin Kreisman Photos, Davis Art Gallery.

Dec. 18-Feb. 8: "Monoprints," at Brady Commons.

Jan. 19: Film, "Jules and Jim," to be shown, 8:00 p.m., Jesse Aud. Sponsored by Student Activities.

Jan. 20: Film, "Audio-Visual Experience," to be shown, 7:30 p.m., Memorial Union Aud.

CONFERENCES, INSTITUTES
Jan. 3-24: Orientation sessions for new employees, 2-5 p.m., Conference Room of the Campus Personnel Office, 300 Hitt St. Contact Personnel Services for further information. All new employees are required to attend one session.

DEADLINES, OTHER EVENTS
Dec. 22: Thursday, first Semester closing, 5-30 p.m.

Dec. 22-24: Christmas Holidays

Dec. 31: New Year's Holiday.

Jan. 3-14: January Intermission.

Jan. 5: Red Cross Blood Drive, MMMIC gymnasium, 11:30 a.m.-4:30 p.m.

Jan. 10: Family Classic Drama Series "Ivanhoe" to be shown, at 6:30 p.m., Channel 4, KOMU-TV.

Jan. 15: Fortnightly Newcomers Bridge, 8 p.m. Hostess and co-hostess are Mrs. Allen Ford (Joelle), 908 Westport Drive; and Mrs. Thomas Billings (Cathy), Chairman is Mrs. John Byer (Marty).

Jan. 17: New student orientation and registration, 8-12 a.m., 1-5 p.m.

Jan. 15: Graduation Record Examination to be administered.

Jan. 29: International Night, a program by UMC International students concerning the music and dance of their own countries, 8 p.m., Jesse Aud.

SWIMMING
Dec. 27-Jan. 11: Swimming Hall of Fame to be held at Fort Lauderdale, Fla.

Jan. 13: Alabama at Athens, 2:30 p.m.

Jan. 20: Western Illinois at Columbia, 7:30 p.m.

Jan. 22: Kansas and Nebraska at Kansas at 2:00 p.m.

WRESTLING
Jan. 18: Northwest Missouri State at Maryville.

Jan. 12: Southwest Missouri State at Springfield.

Jan. 15: Southeast Missouri State at Cape Girardeau.


Jan. 26: Triple Dual, Nebraska-Minnesota-Kansas State at Lincoln.

BASKETBALL
Dec. 27-28: Big Eight Tournament at Kansas City.

Jan. 4: Ohio U. at Athens.

Jan. 5: Oklahoma at Norman.

Jan. 21: Iowa State at Columbia.

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

Second-class postage paid at Columbia, Missouri

U. F. Drive Ends Successfully

Interim Chancellor Herbert W. Schooling praised the efforts of the entire University community in pledging $64,103.47 to the United Fund this year. The total was more than $1,000 over last year's figure of $59,000. "The fact that total pledges increased over last year certainly speaks well for staff concerns about community needs," the Chancellor said.

Tom Mills, associate director of Alumni Activities and professor of music, who directed the United Fund campaign on the Columbia campus, expressed his particular gratification at the increase over last year's figure. Mills noted that the campaign was undertaken in the midst of the wage-price freeze and general uncertainty about salary adjustments. "I am very proud of our total," said Mills, "in light of such economic conditions."

Dr. Schooling also commended Mills for his leadership efforts in directing the United Fund campaign so successfully.
Records Expo Set For February

After a first, highly successful exposition last year, plans have been completed for the second annual Records Management Microfilm Exposition Feb. 29 in the main lobby of Lewis and Clark Hall. Hours will be from 9 a.m. to 4 p.m.

More than 300 interested persons toured the exhibits last year. Program chairman is LeRoy F. Morrison, manager of Records Management.

The purpose of the exposition is to inform the University community of facilities and machines the University has available to manage information storage and retrieval more efficiently. All academic and administrative departments are eligible for assistance in converting outdated, space-consuming paper files to the more efficient microfilm method.

Morrison observes, “By 1973 few major records systems in the U. S. will have failed to convert from conventional paper records to some form of microfilm system. The rapid push toward records microfilming helps explain the great local interest in our initial exposition last year.”

Highlights of the day-long event will include equipment exhibits by vendors who will also present information on new products soon to be released. University departments already using microfilm records will exhibit their programs. In addition, a leading file equipment manufacturer will discuss efficient records handling and storage.

Information on how the University-wide Records Center functions, as well as future plans for storing inactive records on all campuses will be covered.

The staff of Records Management will be on hand to discuss individual problems on records retention and disposal, microfilming, storage of inactive records and other records management situations. A movie will show how the super-fast Computer Output Microfilm (COM) system works. The technology of COM permits printing of 30,000 lines per minute. Samples of COM now in use on all campuses will be shown.

A method of how to get stored information fast will be featured. Demonstrations of a small, fast-retieval desk-top microfilm reader will show how to retrieve a page of information in four seconds. Information on various other automated data retrieval systems will be available.

Throughout the day, participants in the exposition may tour the University Microfilm Lab in Clark Hall. The program is sponsored by the Office of the Vice-President for Finance and Comptroller and Management Services.

All Employees To Get Photo IDs

You may have noticed that your I.D. card has expired. The University, in an attempt to provide a more usable I.D. card, has entered into an agreement with an outside vendor to provide faculty and staff with a laminated I.D. card which includes a picture. All faculty and staff are requested to have their picture taken according to the following schedule Feb. 7-11 and Feb. 14-18:

<table>
<thead>
<tr>
<th>Date</th>
<th>Place</th>
<th>Room</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Mon., Feb. 7</td>
<td>University Hall</td>
<td>Snack Bar</td>
<td>10 a.m.-5 p.m.</td>
</tr>
<tr>
<td>* Tues., Feb. 8</td>
<td>Lewis &amp; Clark</td>
<td>Main Lobby</td>
<td>8 a.m.-5 p.m.</td>
</tr>
<tr>
<td>* Wed., Feb. 9</td>
<td>Physical Plant</td>
<td>Campus Shop</td>
<td>7:30 a.m.-Finish</td>
</tr>
<tr>
<td>** Thurs., Feb. 10</td>
<td>Medical Center</td>
<td>Arranged</td>
<td>6 a.m.-Finish</td>
</tr>
<tr>
<td>** Fri., Feb. 11</td>
<td>Medical Center</td>
<td>Arranged</td>
<td>6 a.m.-Finish</td>
</tr>
<tr>
<td>** Mon., Feb. 14</td>
<td>Brady Commons</td>
<td>C-215</td>
<td>8 a.m.-5 p.m.</td>
</tr>
<tr>
<td>Tues., Feb. 15</td>
<td>Brady Commons</td>
<td>C-215</td>
<td>8 a.m.-5 p.m.</td>
</tr>
<tr>
<td>Wed., Feb. 16</td>
<td>Brady Commons</td>
<td>C-215</td>
<td>8 a.m.-5 p.m.</td>
</tr>
<tr>
<td>Thurs., Feb. 17</td>
<td>Brady Commons</td>
<td>C-215</td>
<td>8 a.m.-5 p.m.</td>
</tr>
<tr>
<td>Fri., Feb. 18</td>
<td>Brady Commons</td>
<td>C-215</td>
<td>8 a.m.-5 p.m.</td>
</tr>
</tbody>
</table>

* It is recommended that only personnel in the building involved have their picture taken on this day.

**Provisions will need to be made for shifts.

All faculty and staff will receive a pre-printed IBM camera copy card (like the one below) during the week of Jan. 31-Feb. 4. This card must be presented to the photographer. Each faculty or staff member needs to appear at one of the above locations only long enough to have his or her picture taken. After that, I.D. cards will be laminated, keypunched and then distributed to the respective departments by the Personnel Office.

The expiration date of the current faculty/staff I.D. card has been officially extended to Feb. 29, 1972.

Telephone 449-9707
For University News

The Office of Public Information, 223 Jesse Hall, is providing a new service to the university community—a telephone answering service that can be dialed anytime day or night for the latest news or announcements from UMC.

The service, “News in Sound,” went into operation Oct. 15. In addition to providing the general public with information about happenings on the UMC Campus, the recorder will provide editors and local directors with a summary.

The telephone number for the answering service is 449-9707. Information will be recorded daily to keep it as up-to-date as possible except the messages will not be changed on Saturdays, Sundays or holidays.

Ch. 8 To Show Feb. 5
Tiger-Kans. St. Game

Missouri Tigers Basketball will be televised over KOMU-TV, Channel 8, on Feb. 5. Missouri will play Kansas State on that day. Consult your local listings for exact time of the game.

INSTRUCTIONS

PRESENT THIS CARD
TO OBTAIN YOUR
OFFICIAL I. D. CARD

SIGN WITH BLACK
FELT PEN ONLY

DO NOT FOLD
Calendar of Events

LECTURERS, SPEAKERS
Feb. 1: “New Left vs. the Old Right,” James Kilpatrick and Carl Hesse to speak, 8 p.m., Jesse Auditorium. Sponsored by Student Activities.
Feb. 7: Robin Morgan, women's rights feminist and author to speak, 8:15 p.m., Stephens Assembly Hall, John A. Decker Public Forum Series, Single admission, $2.50.
Feb. 28: "J. F. K." readings of excerpts from John F. Kennedy's speeches and press conferences, Jeremiah Collins to speak, 8:30 p.m., Jesse Auditorium. Sponsored by Student Activities.

CONCERTS, PLAYS
Feb. 7: 9:30 p.m., Channel 8, The Art Act Play contest, 8:15 p.m., University Theatre.
Feb. 7: Jazz Concert, Gary Burton to perform, 8 p.m., Jesse Auditorium, sponsored by Student Activities.
Feb. 14: Esterhazy String Quartet to perform. 3:30 p.m. Fine Arts Recital Hall. Program includes Haydn, Bartok, Schubert.
Feb. 16: 8:30 p.m., Channel 8; KOMU-TV’s Family Classic Drama Series to present Part 5 of “Ivanhoe,” 6:30 p.m., Channel 8.
Feb. 7: 8:15 p.m., South Campus Auditorium. Single admission, $2.
Feb. 16: University Concert Series: Alicia DeLarcocho, pianist, to perform, 8:15 p.m., Jesse, Single admission. $2. $2.50.
Feb. 14: KOMU-TV’s Family Classic Drama Series to present Part 6 of “Ivanhoe,” 6:30 p.m., Channel 8.
Feb. 16: Hara-ware String Quartet to perform, 8 p.m., Jesse Auditorium, sponsored by Student Activities.
Feb. 15: “The Last of the Red Hot Lovers” to be performed, 8 p.m., Jesse Auditorium. Sponsored by Student Activities. Single admission, $1.
Feb. 19: Don Ellis and Friends, 8 p.m., Jesse Auditorium. Sponsored by Student Activities. Single admission, $2.
Feb. 19: KOMU-TV’s Family Classic Drama Series to present Part 7 of “Ivanhoe,” 6:30 p.m., Channel 8.
Feb. 22-24, March 1-4: University Theatre production, “Death of a Salesman,” by Arthur Miller, to be directed by Sam Smiley. Additional information may be obtained by calling the box office, 449-9292.
Feb. 23, 24, 26: March 1-4: Stephens Playhouse Series: “The Prime of Miss Jean Brodie” to be performed, 8:15 p.m., Stephens College Playhouse. Single admission $2.50.
Feb. 23: Stephens Arts Series: “Company” to be performed by national touring company, 8:15 p.m., Stephens College Assembly Hall. Single admission $3.
Feb. 26: Jazz Concert, Dr. J. C. Combs to perform, 8 p.m., Jesse Auditorium. Sponsored by Student Activities.
Feb. 28: KOMU-TV’s Family Classic Drama Series to present Part 8 of “Ivanhoe,” 6:30 p.m., Channel 8.

FILMS, EXHIBITS
Jan. 18-Feb. 11: Pratt Graphics Center—Monotone, Brady Commons.
Feb. 2: Film, “Wild Strawberries,” to be shown, 7 p.m., Jesse Auditorium. Sponsored by Student Activities.
Feb. 6: Film, “Paint Your Wagon,” to be shown, 2:30, 5:30, 8:30 p.m., Jesse Auditorium. Sponsored by Student Activities.
Feb. 9: Film, “Seven Seal,” to be shown, 7 p.m., Jesse Auditorium. Sponsored by Student Activities.
Feb. 13: Film, “Chicago Conspiracy,” to be shown, 2:30, 5:30, 8:30 p.m., Jesse Auditorium. Sponsored by Student Activities.
Feb. 28: Film, “Out of Towns,” to be shown, 2:30, 5:30, 8:30 p.m., Jesse Auditorium. Sponsored by Student Activities.
Feb. 27: Film, “A Man Called Horse,” to be shown, 2:30, 5:30, 8:30 p.m., Jesse Auditorium. Sponsored by Student Activities.

CONFERENCES, INSTITUTES
Feb. 16-17: Orthopedics Conference, Medical Center Aud. Sponsored by Continuing Medical Education.
Feb. 21: The Departmental Organization, no location yet determined. Sponsored by Continuing Medical Education.

COURSES, WORKSHOPS
Feb. 3-4: Mo. Cattle Feeding Seminar, Livestock Center. Sponsored by College of Agriculture.
Feb. 17: Orthopedics Conference, Med. Center Aud., sponsored by the Office of Continuing Medical Education.
Feb. 25: "Alcoholism," Memorial Union. Sponsored by the Office of Continuing Medical Education.
Feb. 25-26: March 1-3: "Parasitology," V. A. Hospital. Sponsored by the Office of Continuing Medical Education.

DEADLINES, OTHER EVENTS
Jan. 30-Feb. 4: Agriculture Science Week.
Feb. 1: General Faculty Meeting. 3:45-6:30 p.m., Jesse Auditorium.
Feb. 4: Agriculture Day. Sponsored by College of Agriculture.
Feb. 5-6: Televised coverage of Missouri basketball (Missouri at Kansas State), KOMU-TV, Ch 6, 8, 9.
Feb. 8: Show-Me Saturdays: Forest Park Trip. Sponsored by Student Activities.
Charge, $1.50. All members of University family invited.
Feb. 8: "White Roots of Peace," concerning the life style and traditions of the North American Indian, 8 p.m., Brewer Field House.

HONORS COLLEGE EVENTS
Feb. 1: Film Festival: “Ten Days That Shook the World!” to be shown, 7:30 p.m., Library Auditorium.
Feb. 3: Film Series, “Civilization,” Part 1, to be shown, 7:30 and 8:30 p.m., 210 G.C.B.
Feb. 5: Film Festival: “Early Chicago,” to be shown, 7:30 and 8:30 p.m., Library Auditorium.
Feb. 9: Theological Symposium: “Marriage in Black and White,” 8 p.m., Memorial Union Aud. Dr. Joseph H. Washington Jr., prof. of religious studies, Univ. of Virginia, to speak.
Feb. 10: Film Series, “Civilization,” Part 4, to be shown, 7:30 and 8:30 p.m., 210 G.C.B.
Feb. 15: Film Festival: “Shapayev” to be shown, 7:30 p.m., Library Auditorium.
Feb. 17: Film Series: “Civilization,” Part 5, to be shown, 7:30 and 8:30 p.m., 210 G.C.B.
Feb. 20: Film Festival: “Metropolis” to be shown, 7:30 p.m., Library Auditorium.
March 4: Film Series, “Civilization,” Part 7, to be shown, 7:30 and 8:30 p.m., 210 G.C.B.
Feb. 22: Theological Symposium: “Post-Theological Poetry,” Dr. Samuel Leuchli, historical theologian, Temple Univ., to speak, 8 p.m., Memorial Union Aud.

SPORTS
Basketball
Feb. 1: Kansas at Columbia
Feb. 7: Kansas at Manhattan.
Feb. 12: Oklahoma at Columbia.
Feb. 15: Nebraska at Columbia.
Feb. 18: Colorado at Columbia.
Feb. 19: Colorado at Columbia.
Feb. 28: Kansas at Lawrence.
March 4: Nebraska at Lincoln.

Wrestling
Feb. 5: University of Illinois at Columbia.
Feb. 8: Central Missouri State at Warrensburg.
Feb. 25-28: Big 8 Wrestling Championships off Stillwater.

Swimming
Feb. 4: Southern Illinois at Columbia, 7 p.m.
Feb. 5: University of Missouri-Rolla at Columbia, 2 p.m.
Feb. 18-22: Jayhawk Collegiate Invitational at Kansas.
Feb. 18: Iowa State at Iowa State, 2 p.m.
Feb. 25-26: State High School Swimming Meet at Columbia.
March 5-14: Big 8 Swimming and Diving Championships at Columbia.

Indoor Track
Feb. 5: Iowa State at Columbia.
Feb. 18: Kansas State at Columbia.

Centrex To Improve UMC Phone Service
Come June a musical chorus—or cacophony, if you prefer—of some 4,000 touch-dial telephones with their computerized tones will become a possibility on the Columbia campus.
That theoretically is the month of the scheduled cut-over of campus telephones to the new centrex system which General Telephone is installing.
And that is the main reason for the torn-up streets and campus that have been a plague to motorists and pedestrians through the summer, fall and winter months.
Donald E. Hoopes, assistant to the UMC business manager, said that the bulk of the equipment has been installed and that the telephone company has started pulling cables and is about to bring them into UMC buildings.
"All preparations will have been made for a cutover to the new service between June 1 and 12," he said.
Telephone officials indicate that cut-over changes will all be completed by Aug. 31, well in advance of the September 1st cut-off.
"The new dial tones and directory, however, "Effective June 4 the University of Missouri telephone number will be 882-3231," is absolutely correct. But whether all touch-tone telephones will be in operation on that date is less positive.
The company would like to install them on a campus sectional basis.
Back to the musical of cacophony bit. The touch-dial telephones will have 10 frequencies, or 10 different notes. While lacking sufficient notes to complete a musical octave, the 10 frequencies have been utilized to write songs.
Everett Kahle of General Telephone said (Continued on Page 4)

No Phone Changes, Reminds Chancellor

The Chancellor's Office reminds all administrative personnel to follow carefully the time schedule implemented to ease the complicated telephone cutover to the centrex system.
No additional changes in the present telephone service equipment may be made from now until the completion date in June. Only telephone repair and trouble service will be handled then.
After the June completion, changes, additions and deletions will be handled on a regular basis.
116 Employees Complete Hickman Night Courses

Campus Columns offers a tip of the hat to 116 University employees who completed vocational courses at Hickman High School this past fall term. The University pays the fees for those students who enroll in the course; the employee pays book fees only. For others who may be interested in gaining worthwhile training, get information from Employee Training, 449-4311, ext. 54.

Janitorial Training (Floor Maintenance)
Tommy Blakemore
Chris Everhart
Rebecca Ely
Robert Moss Long
Samuel Meng
Albert L. Merritt
Floyd Murray
Gary Palmer
Raegeen Smith
Frank St. Clair
James Turner

Janitorial Training (General Duties)
Gene Apon
Robert Church
Stanley Gieschen
Edwin Goett
William M. Goett
Edgar J. Hein
Viola Hein
Keith Cecil Hopper
Billy Jennings
David Logan
John D. McKay
Leonard Murdock
Mary Murdock
Dorothy M. Ray
Maurice Stennons
Waldo Turner
Gordon Williamson
Oliver Wood

Basic Beginning Typing
R. M. Crowner
Bertha Horn
Susan Kenick
Tim Robertson

Vocational Beginning Typing
Nina A. Sherman

Basic Typing Review
Linda Crunk
Angie Daniel
Carol McAllister
Diane Williamson

Beginning Shorthand
Kathy Anast
Jill Davis
Susan Davis
Sue Hall
Garla Fullarton
Frances Hull
Betty King
Ann Maloney
Michelle Millott
Beverly Sapp
Martha Weinrich

Shorthand Review
Pam Hall
Elizabeth Holland
Rita Jones
Winifred Morgan
Margaret Sigler

Advanced Shorthand
Sherry Baird
Marcia Benedict
Jenni Berman
Janice McDaniel
Yvonne Robinson
Jenni Smith
Carol Ward

Basic Bookkeeping
Dorothy Barnhouse
Bety Brown
Evelyn Brown

Elizabeth Dennen
June Griggs
Carol McAllister
Jeanne McGeary
Jeanette Phillips
Velma Rausch
Claire Sprague
Dorothy Tumulty

Advanced Bookkeeping
Linda Phipps

Certified Professional Secretary Review
Dana Ellington
Till Jennings
Cora Kost
Linda Robnett

Basic Electronics
Richard Yeh

Television Service
Charles Devier
Harold Grundon

Advanced Computer
Michael Harmon
Michael Judd

Employees To Get Unemployment Pay
The new Missouri unemployment compensation bill, signed into law by Gov. Warren E. Hearnes recently, for the first time extends unemployment insurance coverage to most University of Missouri employees.

The new law, retroactive to Jan. 1, 1972, brings Missouri into compliance with federal requirements. It is the first time employees of the University of Missouri have been covered by unemployment insurance.

University employees make no payment toward the new program. Cost of the benefits under this act will be the responsibility of the University of Missouri. The cost will be determined according to the amount of claims allowed by the State Div. of Employment Security to those who qualify for unemployment benefits.

This program is to be administered by University Personnel Services. This office will be releasing further information to all divisions of the University in the near future.

During sessions will be conducted jointly by the University and the Missouri Div. of Employment Security for University supervisory and management personnel to inform them of the provisions of the new legislation. They, in turn, will be able to handle inquiries from employees.

James Pearson
Kenneth Russell

Medications
James Williams
Lilie Dowell
Judy Fry
Carolyn Fuemmeler
June O. Jefferson
Debbie Morgan
Jane Peters
Mary Wheeler
Kathy Zike

Medical Terminology
Diana Peterson
Elaine E. Schrader
Beverly Spielman
Doris Wiskichren

Rapid Reading
Michael G. Bogue
Jack G. O. Bay
Diana Ford
Jim McFadin
Amador Molina
Kathy Patterson
Gary Perkins
Velma Rausch
Cindy Sutton
Don Wilson

Business English
Barbara Adams
Larry Baumgarter
Helen Griffin
Rita Jones
Carolyn Kemper
Darlene Lewis
Rose Prewitt
Wanda Sue Stone

W. C. Allen Receives High Medical Award

William C. Allen, assistant medical director of the Medical Center, community health and medical practice associate professor, associate coordinator of Missouri Regional Medical Programs and coordinator of health programs, has received the annual distinguished service award of the Missouri Academy of Family Physicians. The award is the highest presented by the MAFP.

Among Allen's many current professional memberships is his presidency of the Missouri Diabetes Assn. He also serves on the board of directors of the Missouri Heart Assn. and on the professional education committee and congenital heart disease committee of the association. He is a member of the state advisory rheumatic fever and rheumatic heart disease committee.

Allen is additionally a member of the Governor's advisory council of comprehensive health planning; commission on dental treatment of handicapped and crippled children; and the Mid-Missouri comprehensive health planning advisory council.

CAMPUS COLUMNS

Campus Columns is published monthly except July and August for the information of all University of Missouri employees on the Columbia campus, and is edited under the supervision of the Office of Public Information in consultation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Johnston Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office 449-9211.

Editor: Margaret Bell Krosuechi
**ACTION To Aid Groups, Agencies**

The University has established an Assistance Clinic to Improve Organization Needs (ACTION) to aid people and organizations in central Missouri to solve problems that may otherwise cause their failure, Interim Chancellor Herbert W. Schooling announced recently.

"The purpose of the clinic is to enable outstanding students in graduate programs in our School of Business and Public Administration to utilize their educational experience in solving significant problems of distressed businesses and in aiding other agencies and individuals to resolve serious problems of an organizational and financial management nature," Chancellor Schooling said.

ACTION will offer assistance in accounting, marketing, economics, finance, personnel management and distressed and infant businesses as well as to governmental agencies and individuals.

Robert Paterson of the School of Business and Public Administration, said a faculty and local student group had been discussing how such an effort might be organized for the last three months and an executive committee combining business, government and faculty representatives has been appointed.

The committee will review problems and approve requests for assistance, review financial requirements, prepare standards for determining service availability, and review operating activities of the clinic.

"ACTION is designed to enable our graduate students to merge their educational experience with applications from the world of personal finance, business and government," Mr. Paterson said. "Many of them are competent to become involved in an activity of this kind. We know they want to do so. We do not want to compete with business which provides livelihoods for many citizens in the area. It is for this reason that we are planning to assist those individuals and agencies which do not constitute a demand for private firms or services."

"Nevertheless, if our students and their superiors desire to enable upper- and lower-middle businesses in the heartland of Missouri to succeed each year, then the program will have been well served by the efforts.

The not-for-profit group has been promised full cooperation in its program by Dean John McGowan of the UMC extension service.

Dean Paterson said that an executive committee has been named to include Sidney Neale, William Jenkins and Thomas Payne of Columbia and Prof. Raymond Dockweiler, Prof. Everett Adam, Prof. David Stevens, Prof. Richard Dohm and himself from the Bopa school.

A general policy committee will include Neale, Payne, Jenkins, Mayor Orrville Hobart, William Bates, Earl Proctor and A.D. Sappington, Columbia, and from the faculty, Adams (management), Hoover (accountancy), Dohm (political science), Stevens (economics), Michael Lawrence (accountancy), Robert Mittelstaedt (marketing), Melville Peterson (finance), Michael Scanlan (accountancy) and Don Marshall (accountancy), of the B&PA faculty.

**Action Provides Telephone Efficiency**

(Continued from Page 2)

that about half the cables have been pulled through the new conduit and that the company is about ready to extend the cables into the individual buildings on campus.

The new conduit system was made necessary, he explained, because the new wiring center was moved from the company building on Eighth Street to a new building at Porter and College avenues. The company for the most part has utilized underground steam tunnels in the past for its conduit system. But that is not satisfactory from a safety standpoint to telephone employee's and besides the tunnels simply aren't large enough to carry present cables and the new cable system will as well.

The new system is expected to be more efficient and economical for UMC. It will result in a concentration of the company's satellite switchboards scattered around the campus. It also will result in improved directory listings and offer telephone customers a means of identifying traffic.

"It is embarrassing, aggravating and poor public relations for someone to go through two or three telephone calls before he finds out the person he wanted to talk to is not there," Hoopes explained. "This will be changed and we hope it will offer a means to identify traffic and to have it go where it needs to go. If you want to call the housing offfice manager, for instance, you will call his number and get him instead of a satellite switchboard which must relay the call through a secretary to the director.

Hoopes and a telephone company representative made an inventory of all campus telephone in October, November and December and have turned it over to the telephone company for an assignment of telephone numbers.

The company will make the number assignments available at least 60 days in advance of the cut-over and UMC employees will help pass around the information as to where they may be reached by telephone. Both the UMC switchboard and the telephone company will provide interpret work as long as needed.

(Continued on Page 8)

**Deductions Work for Employee's Benefit**

A bite here, a nibble there: every University employee has felt the effects of a take-home payroll animal named "Deductions" who must be fed every two weeks (or monthly) from the employee's paycheck. But "Deductions" doesn't seem to be such a relentless, forbidding creature when the employee examines him closely. In fact, he seems almost friendly—after all, he's working for the good of the employee.

A MAIN POINT of paycheck deductions is to take care of the employee's future automatically and to do it while he is making sufficient income. The fund for the future is then ready when the employee retires.

But several of the slots in the employee's paycheck are reserved for present--requirements--taxes, insurance, parking fees, United Fund contributions, etc. Whether the deductions are for present use or future needs, the employee does, in most cases, control the amount of the individual deduction. Two deductions--federal and state taxes—are controlled by the employee through the W-4 form which he fills out and which he keeps on record in the Payroll Office. Of course, these two deductions are required by federal law, but the employee can control the amount of the deduction within the limits of the applicable law. The trick is to decide how the deductions can be made to work to the employee's advantage.

**TWO DEDUCTIONS** the employee cannot control are civil service and Old Age Survivors Insurance, also called Social Security. Virtually all those who have federal civil service deductions pay into OASl fund. (Civil Service is withheld at a rate of 7 per cent of monthl salary, OASl at the rate of 2.5 per cent on the first $900.)

A series of deductions the employee can register for are the programs sponsored for his benefit by the University. Annuities, salary protection insurance, life insurance, and contributions to the campus Staff Benefits Office. On the employee's paycheck statement, these deductions are listed as "annuity," "tax sheltered annuity," "disability insurance," "medical insurance," and "group life insurance." The employee can change the deductions for his staff benefits by going to the Benefits Office and requesting a form for changing the particular deduction.

Some special deductions which the employee must initiate himself, if he wishes, are contributions to the United Fund, the monthly parking fee, purchase of U. S. savings bonds, or participation in the Minnow Employees Federal Credit Union. These deductions are authorized by the employee when he fills out the required form.

A SLOT CALLED "State Retirement" is used by a few University employees who have chosen the State Retirement program rather than the University Retirement program. Few employees on this campus will find a deduction in their "earnings tax" slot that isn't paid by the University, or maybe by his campus, but are based in Kansas City or St. Louis, cities which levy the tax against those who earn their incomes, and who may or may not live in these cities.

The slot marked "Federal Tax Levy" is used by the Internal Revenue Service to collect unpaid taxes from an employee. The University is required to withhold a certain amount until the federal government releases the account as having made satisfactory settlement.

The "miscellaneous" slot on the paycheck statement is used to show one or more deductions for which there is no specific category elsewhere. For example, a creditor can collect debts for an employee by having the employer's office notify the University by wire to authorize payroll deductions. Deductions are also made in the "misc." category if an employee owes the University money and the university wants to have the money deducted from his paycheck to pay off the debt. Happy, such deductions don't often occur.

IF AN EMPLOYEE belongs to a union, a deduction under the "union dues" category is also possible to pay his union dues.

Jim Robinson, director of payroll and student account, observes, "The W-4 form is the key to get anyone paid at the University. An employee's paycheck will be affected if he fills out a W-4 form with the Payroll Office. If an employee changes an address, he must file a revised W-4 form with the Payroll Office. If an employee changes a combination of address and bank account and doesn't change the Payroll Office, he has no way of knowing the disposition of his paycheck. An employee can have his paycheck sent to his home or his bank, or he can pick it up at the Payroll Office or the department where he works.

THAT STRANGE PAYROLL creature named "Deductions" does, indeed, gobble a lot of "lettuce" every two weeks or every month. But when the employee understands him—and the big job he does—the creature doesn't seem quite so formidable.

**UNIVERSITY OF MISSOURI**

**STATEMENT OF EARNINGS AND DEDUCTIONS**

<table>
<thead>
<tr>
<th>Deduction Item</th>
<th>Cost</th>
<th>Payroll</th>
<th>Cost</th>
<th>Payroll</th>
<th>Cost</th>
<th>Payroll</th>
<th>Cost</th>
<th>Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Income Tax</td>
<td>$2,000</td>
<td>12.5%</td>
<td>$240</td>
<td>100%</td>
<td>$600</td>
<td>90%</td>
<td>$700</td>
<td>80%</td>
</tr>
<tr>
<td>State Income Tax</td>
<td>$1,500</td>
<td>10%</td>
<td>$150</td>
<td>100%</td>
<td>$300</td>
<td>90%</td>
<td>$400</td>
<td>80%</td>
</tr>
<tr>
<td>Social Security</td>
<td>$1,000</td>
<td>6%</td>
<td>$60</td>
<td>100%</td>
<td>$120</td>
<td>90%</td>
<td>$160</td>
<td>80%</td>
</tr>
<tr>
<td>Disability Insurance</td>
<td>$500</td>
<td>2%</td>
<td>$10</td>
<td>100%</td>
<td>$20</td>
<td>90%</td>
<td>$30</td>
<td>80%</td>
</tr>
<tr>
<td>Medical Insurance</td>
<td>$300</td>
<td>1%</td>
<td>$3</td>
<td>100%</td>
<td>$6</td>
<td>90%</td>
<td>$9</td>
<td>80%</td>
</tr>
<tr>
<td>Group Life Insurance</td>
<td>$200</td>
<td>80%</td>
<td>$2</td>
<td>100%</td>
<td>$4</td>
<td>90%</td>
<td>$6</td>
<td>80%</td>
</tr>
<tr>
<td>Annuity</td>
<td>$150</td>
<td>0.5%</td>
<td>$1.5</td>
<td>100%</td>
<td>$3</td>
<td>90%</td>
<td>$4.5</td>
<td>80%</td>
</tr>
<tr>
<td>United Fund</td>
<td>$100</td>
<td>0.3%</td>
<td>$1</td>
<td>100%</td>
<td>$2</td>
<td>90%</td>
<td>$3</td>
<td>80%</td>
</tr>
<tr>
<td>Parking Fee</td>
<td>$50</td>
<td>5%</td>
<td>$5</td>
<td>100%</td>
<td>$10</td>
<td>90%</td>
<td>$15</td>
<td>80%</td>
</tr>
<tr>
<td>Savings Bonds</td>
<td>$250</td>
<td>2%</td>
<td>$2.5</td>
<td>100%</td>
<td>$5</td>
<td>90%</td>
<td>$7.5</td>
<td>80%</td>
</tr>
</tbody>
</table>

**NET AMOUNT PAID** $1,000

**DOLLARS CENTS**
Clinic Serves Needs of People

The UMC psychological clinic has continued its development over the past year and opened up new programs for psychological services for Columbians.

Beginning operation in October, 1976, the clinic meets a very real need for community service and student training. It operates under the supervision of the department of psychology.

Dr. Joseph A. Doster, clinic director, said the clinic offered psychological services to approximately 140 persons last year, 80 per cent of whom were referrals from the greater Columbia area.

"In setting up the clinic, we decided a community-oriented clinic would provide the broadest type of experience—families, children, married couples, as well as youths of college age—and allow those working in the clinic a better picture of clinical psychology," Dr. Doster explained.

"AND THE EMPHASIS in psychology is moving away from a greater community orientation, away from isolated institutions," he added.

The clinic is staffed by advanced graduate students who are providing the services in the clinic as part of their training. Assigned to the clinic is a faculty member, who consults with the student in terms of the assessment of the clinic's clients, and, in addition, is available as the treatment provider for the client by the student.

The supervisor and student decide who will handle cases and when.

"Students are at different levels in their training and provide the services that correspond to their level of education. We also try to keep the training experience broad, and therefore, try to assign varying experiences to our students," Doster explained.

Approximately 25 students are involved in work in the clinic, 15 of whom put in about 10 hours a week and the clinic hours are 9 a.m. to 5 p.m. "Based on the needs of the client, we do set up evening and early morning hours," said Doster.

Costs are minimal for using the service. When the clinic was open, a sliding scale fee was charged and there was a charge of $1,000 for students and a charge of $500 for students and parents. The clinic was opened as part of the community program and the costs of operating and providing services in the clinic, Doster said.

A LARGE PERCENTAGE of the clients are students, either in training or utilizing the clinic in a "Longitudinal Study of Medical Students" by Edwin B. Hutcheson, dean of student affairs.

The information was compiled between 1956 and 1965 by Hutchinson for the Annals of American Medical Colleges in a report on sampled data from medical schools. Psychological tests and biographical information on entering students were collected when they were freshmen medical students and they were tested again just before graduation. A final report on this study, a follow-up report, was made in 1965.

Now the original data are being compiled in a data bank of the Association as computerized material available for researchers. Some parts of the study have been used in one form or another by medical schools, but the complete information has not been totally available.

"The original purpose was to determine if any of the variables that could be measured would predict success or failure of the individual as a medical student or later as a practitioner," Hutchinson said. "We learned that these variables are important, but it will be necessary to get data from all U.S. medical schools to see how the data fit before the entire study becomes operational for further research.

"The involvement of members of the Longitudinal Study of Medical Students from the Counseling Center, project director and member of the Counseling and Counseling Service staff at the University of Missouri, is expected to be completed by the end of the summer.

"The data are important in evaluating psychological and educational programs in the medical schools. The data will also provide information on how the medical schools are doing as compared to other schools.

The study was funded through an $80,000 grant from the U.S. National Center for Health Services Research and Development to assure completion of the information.

"These employees completed degrees in the Educational Assistance program during 1972. Some left rear, James S. Smith, automotive engineering major, received a master's degree in management; and Don M. Alger, Research Reactor supervisor, received a master of science in nuclear engineering. Front left: Mark J. Wielamp, computer operator, received a bachelor of journalism; Charles H. Furse, chemist at the Research Reactor, received a master of arts in chemistry; and Richard T. Hu, research assistant and computer programmer, received a master of science in electrical engineering. Others not shown who received degrees are: Roba J. Anderson, librarian II in Aquisitions, who received a bachelor degree in science in business administration."

Employees Get Degrees With University's Help

Med Students Studied By Dean Hutchens

Variables that might predict success as students and practitioners as well as characteristics of schools themselves is being undertaken in a "Longitudinal Study of Medical Students" by Edwin B. Hutchens, dean of student affairs.

The information was compiled between 1956 and 1965 by Hutchinson for the Annals of American Medical Colleges in a report on sampled data from medical schools. Psychological tests and biographical information on entering students were collected when they were freshmen medical students and they were tested again just before graduation. A final report on this study, a follow-up report, was made in 1965.

Now the original data are being compiled in a data bank of the Association as computerized material available for researchers. Some parts of the study have been used in one form or another by medical schools, but the complete information has not been totally available.

"The original purpose was to determine if any of the variables that could be measured would predict success or failure of the individual as a medical student or later as a practitioner," Hutchinson said. "We learned that these variables are important, but it will be necessary to get data from all U.S. medical schools to see how the data fit before the entire study becomes operational for further research.

"The involvement of members of the Longitudinal Study of Medical Students from the Counseling Center, project director and member of the Counseling and Counseling Service staff at the University of Missouri, is expected to be completed by the end of the summer.

"The data are important in evaluating psychological and educational programs in the medical schools. The data will also provide information on how the medical schools are doing as compared to other schools.

The study was funded through an $80,000 grant from the U.S. National Center for Health Services Research and Development to assure completion of the information.
1971 Brings Many Changes Here

Curiously after the beginning of the New Year an overview of significant events that affected the life of the University community is presented. This year's annual University budget plan was presented by the Alumni Assn. of UMC at the annual College of Education Alumni Association meeting. The highlights of the past year were: Dr. Glenn E. Barnett, executive vice president of Texas Tech University; Dr. C. J. Bierschwald, professor of Mathematics, received the Norden Distinguished Teacher Award for the second time at the School of Veterinary Medicine honors convocation.

Dr. J. O. Davis, professor and chairman of the department of physiology, received the Sigma Xi Research Award for 1971.

In June, Dr. Loren Reid, professor of speech, received a $1,000 outstanding teacher award from the Kansas Association. Hartley G. Banks, president of the First Bank of Commerce, received the outstanding alumnus award.

In “Summer Welcome ’71” 15 separate campus events were scheduled from Aug. 30 to July 16, more than 3,500 students and 1,000 parents visited the UMC Campus.

A new academic calendar was announced by Chancellor Ratchford following the fall semester.

On June 1, a graduating class of about 900 students—about 450 who were graduated, were appointed for degrees in January —was honored at the 129th annual commencement. Dr. C. Brice Ratchford was named president in June, having served as interim president since Oct. 27, 1970.

Thaddeus Mills, UMC professor of voice, was named associate director of alumni activities, effective July 1.

George Nicholaus became associate dean of the School of Social and Community Services.

Awards in the College of Arts and Sciences included 13 fellowships and 20 grants and over 500 awards and grants in the summer.

For July 12, President Ratchford appointed an 8-member advisory committee of faculty, staff and students to assist in selection of a permanent chancellor.

Awards in the College of Liberal Arts included 13 fellowships and 20 grants and over 500 awards and grants in the summer.

Dr. John Murdock, dean of the Graduate School, asked for relief from his duties so he could return to the department of economics. Dr. Richard A. Bloomfield later was appointed acting dean and acting dean of research administration. Dr. Robert C. Colpepper was promoted from assistant director of research administration to associate director of research administration at UMC.

Dr. Abraham Eisenstadt, former assistant dean of the School of Engineering, was appointed chairman of the division of biological sciences established in July 1970.

The campus was flooded with students at the start of the fall semester. During the first fives days, there were 10 accidents reported with one fatality. Some 9,000 cycles were registered.

The Traffic Safety and Security Office was renamed the UMC Police Department.

Chancellor Ratchford named a 12-member Chancellor’s Advisory Council to help identify problems and issues and see that appropriate groups became involved in helping to solve them.

Dr. James V. Holleran was named an associate dean in the College of Arts and Sciences.

In September, accreditation of UMC as a doctoral degree granting institution was continued by the North Central Association of Colleges and Secondary Schools.

A Faculty Handbook, culmination of four years of work, was distributed. Mrs. Mint Jil Yung was selected by a student vote to become the 1971 Homecoming Queen. She and the first lady, as so honored at UMC.

Final registration figures for the fall semester showed 31,942 students enrolled, an increase of 281.

A coal strike beginning Oct. 1 caused some inconvenience for the University community. Many classes were seriously delayed requiring curtailment of heating and lighting on the campus.

The UMC Medical Center celebrated its 15th anniversary on Nov. 10. To mark the occasion, an annual membership of a special ad hoc Campus Evaluation Review Council as part of a program appraisal was announced by President Ratchford. It was to prepare recommendations coming out of the appraisal of campus academic programs.

Several buildings on the UMC Campus were named by the Board of Curators. The Biological Sciences Building was named the Mid- dlebury Building; the Multi-purpose Auditorium was named the Warren E. Hunsicker Multi-purpose Building; the main library was named the Elmer Ellis Library Building; and the Space Science building was named W. E. M. Dalton Space Science Research Center.

Dr. Arvarb E. Strickland was named special assistant to the chancellor to assist in recruitment of qualified academic staff from among UMC graduates.

W. David Duggan Jr. was appointed director of the Office of KBIA, a new University unit created in沾.

Finally, the University announced its intention to pay retroactive pay increases for Sept. 1 through Nov. 14.

Safety News and Views:

Office Hazards Cause Needed Job Injuries

No aisles should be an obstacle course. Wastebaskets should be kept close to desks or under them. Telephone and electric cords should not be stretched across walkways. Supervisors should be told if there are not enough electric outlets in an area so that inspectors can be spotted for an unsafe, untidy network of wires.

A popular cartoon shows the shopper with packages piled so high he can’t see where he’s headed. Sometimes an office worker hits a wall trying to see his fix. Since packages and boxes don’t come equipped with periscopes and rear-view mirrors, safety inspectors should be used for a fall. To avoid bumps, trips and collisions, everyone has to see where he is going.

For just that reason its vital that all areas, especially stairways and halls, be well lighted. If a bulb is burned out or lighting in general is low, naturally the situation should be taken without delay. Supervisors and workers alike can make the office a safe place by reporting such matters.

Open file and desk drawers cause lots of problems. First people trip over them or skin their shins. Second, folks are tempted to use them for stairs, and that’s the wrong way to get to the top in an office.

Ladders are devices nicely designed to let a person climb safely from one level to another—and stay there until ready to come back down. Ladders and chairs are not intended for that purpose. None of them should be used in place of a ladder.

Whether climbing or just plain walking, plant both feet firmly and keep the head out of the way. If you should be at a look at accident statistics nationwide or here on campus and you’ll find that everyday managers such as these are ignored.

“Why don’t you watch where you’re going?” is an old question, but the answer is still elusive.
Injured in an auto accident, 17-year-old Sedolian Mike Bahner is about ready to go home to finish his senior year of high school. He works on managing stairs with his braces and supports. Jane Lucke, staff physical therapist, helps out.

**Staff physical therapist Marilyn Sanford gives 18-year-old Mike McGan a workout in the Hubbard whirlpool. Mike broke his neck two years ago and has been hospitalized since. Undaunted in spirit, Mike here cracks jokes and kibitzes with the photographer.**

**‘Just A Little Farther...’**

These familiar words of encouragement are spoken often by the physical therapists and their aides in the "P. T." unit at the Medical Center. Patients speak glowingly of the men and women who've helped them make astonishing progress. Even if the medical prognosis doesn't indicate partial or complete recovery, patients still enjoy the friendship and encouragement of the physical therapy professionals.

Steady determination and hard work seem to characterize the P. T. unit's atmosphere. An observer notes of the Medical Center: "Wherever you go the patients are the sickest, they are also the most cheerful."

And it's true of the physical therapy unit, also.

Lee Hunter suffered a stroke a month ago; his left side has been affected. However, he is able to walk with crutches and uses exercise bags (seen on the shelf behind). The weighted bags can be lifted or squeezed to provide resistance for muscles to regain their strength. Marilyn Sanford works with Hunter to enable him to lift his arm above his head.

Chipper 72-year-old Oscar Hubert is learning to get around on his artificial leg again. The leg was lost in an accident 40 years ago, but Hubert recently had surgery on the other hip. Assisting is staff physical therapist Susan Havens.
Job in the Spotlight:

Building Expert Figures Costs

"My father was a contractor and I was his estimator," says John Williams, University estimator based at the Physical Plant. "In fact, every job I've ever held has had to do with the building material business."

Williams works up the cost estimates for the remodeling and renovating of existing campus buildings. The blueprint on his desk testifies to the highly detailed nature of his work. "I handle the estimating for all the crafts—carpenter, painting, electrical, and so on. With more than a hundred buildings on campus that's a lot of work."

Seldom does an entire building undergo a face-lifting; more often it's a class room, a department or an office that needs work. A building's old age or an office's need for more space isn't the only justification for remodeling, says Williams. "Changes in curriculum may change a building's function. It may need to be redesigned for different needs."

"Of course, there is also a lot of departmental moving-about to make the best use of available space. A building's design doesn't fit the needs of its new occupants—though this is kept in mind as much as possible in making building assignments."

Most of the remodeling-remodeling jobs Williams must estimate are interiors. The major estimating jobs fluctuate; busiest times are Christmas vacation, summer, and any other "break-time" when buildings are largely empty. That's when work can partly do the work the easiest. But always there's a basic level of activity just to keep buildings in repair.

"It's definitely a year round job," says Williams. "Here's what happens when the Physical Plant gets a request for remodeling. If plans are needed, the design people get the information and construct a blueprint. Then the blueprint comes to me for cost estimate." He pointed to catalogs of buildings materials and prices, engineering handbooks and various trade manuals. "These are my references books. I check to see what a particular material specified for the job will cost. Many such items later, Williams will have arrived at a total figure for the project. That's if the estimating has gone smoothly.

"It's not unusual for me to have to go back to the design people if I have a question about some specification. Or I may have to go to academic or administrative people to clarify the colors or type of materials to be used."

When the estimate is prepared, it is sent to the department requesting the remodeling project. "Occasionally," says Williams, "I'm given a budget figure to work within. If necessary, I can hold off our foremen out here to get costs on a particular type of job. And often I have to think up alternate plans to control costs. Then when the job is ready to start, I meet with the foremen on the site to give them a verbal picture of how I see the job. There's quite a lot of on-the-spot work involved."

Remodeling, says Williams, is a lot more difficult than new construction. "You never know how far you may have to tear out. Once, the plans called for a door to be cut through a wall. When it was started, conduit turned out to be behind the wall, something we didn't know about. Ordinarily, notes to the blueprint tell of changes made during a specific renovation job, but in this case there was no indication of conduit at that point on the blueprint.

"And it's necessary for me to spend lots of hours researching blueprints to make sure my estimates are accurate and represent the actual structure of the building."

Williams, a native of Kirkeville, has lived in Columbia 12 years and has worked for the University five of them. "We came here to educate the kids. My wife and I have two children; the youngest will complete his degree here in veterinary medicine this year. An avid "do it yourself" fan, Williams has carried out many projects in his home: 'My wife says I have at least seven jobs there under way at all times!'"

But among University people, it's nothing unusual for talent and creativity to find outlets — both on the job and after hours.

S. A. Plans Spring Break Hawaii Trip

Need something to get you through Missouri's mid-winter doldrums? Anticipating a trip to Hawaii might be just the thing, and there's still enough time before the event to plan your finances for the $341 spring break holiday.

Student Activities has formed a new travel committee solely concerned with travel arrangements for University students, staff and faculty. But the Hawaiian holiday, scheduled for March 12-19, is open to anyone, whether connected with the University or not.

The trip includes round-trip jet transportation from St. Louis to Honolulu aboard a Braniff 747; seven nights' lodging at Denny's Imperial Hawaii Hotel; round-trip transfers between the airport and hotel; orientation sightseeing tour; and all taxes and gratuities on the above services.

Student Activities says that the price mentioned above is based on four sharing a room, but triplets, double and single occupancy is available at a slightly increased price. Sponsored by Professional Travel Service, the Hawaiian holiday is coordinated by Student Activities Travel Committee. Additional information is available in 212 Read Hall, 449-6313, ext. 901.

Reservations can be made at the Memorial Union ticket window soon.

University-wide Employees Get Degrees

(Continued from Page 5) later, on a general interest level, I may take some courses," he said. "This, of course, is one of the advantages of the program. It enables you to broaden yourself and continue to develop abilities without having to work toward a degree necessarily."

Don Alger, reactor supervisor, said the program is not so unusual, to his way of thinking. "Many companies have programs where they encourage their employees to continue education. It makes sense because, it improves the employees and keeps the employees interested in their job and in the current developments pertaining to that job."

I suppose having a program such as this one could make a difference in considering a job for some people. The financial assistance can be a deciding factor for some people on whether to continue to work on a degree," he added.

Alger has completed work on a master's in nuclear engineering and has already begun work on his Ph.D. His feeling that educational assistance "makes sense" is one shared by employees who have used the program and by the University which encourages the use of the program by employees on all four campuses.

AT THE University of Maine, the Trustees have passed a resolution to waive all tuition and fees including room and board charges for "qualified and eligible North American Indians residing in Maine who are accepted for undergraduate, graduate or continuing education study at any campus of the University."

Centrex Provides Telephone Efficiency

(Continued from Page 4) Kahl said that General Telephone will have been four and one-half years in installing the new system and will have an initial cost of $4,000,000.

"That means it will be four and one-half years from the start before we get back one cent on our investment," he explained. "Our new wire center brings along alone cost nearly half a million dollars. But it was planned, with future additions, to take care of needs for 20 years."

With his company facing an election to extend its franchise, Kahl may be pardoned for a bit of public relations on his part.

"It is long-range projects like this that make a franchise important," he said. "Without a franchise, we would have more difficulty in obtaining necessary financing. With a franchise, we could take a look 20 years ahead and go into an improvement program with realization that our costs will be amortized."
1971 Tax Law Increases Withholding

University employees who have taken a close look at their paycheck withholding amount lately may have felt a rude shock: withholding has increased!

The Revenue Act of 1971, which became effective Jan. 15, 1972, has resulted in substantial changes in the amount of federal income taxes withheld from the wages and salaries of employees.

According to the Internal Revenue Service, a major purpose of the new law is to correct much of the underwithholding which was experienced by many employees last year. At the same time, the IRS says, because of certain circumstances some employees now may be having more money than is necessary withheld from their pay due to the new law. Procedures have now been announced by IRS to correct excessive withholding and employees are encouraged to claim all withholding or allowances to which they are entitled.

The University Payroll Office is urging that all employees check the amount of withholdings being made from their pay with their individual requirements. Many employees have to file new W-4 forms in order to receive all take-home pay to which they are entitled each pay period. New W-4 forms can be filled out at the campus Payroll Office. Withholding rates can be changed by an employee by adjusting the number of exemptions he or she is legally entitled to.

Among the major withholding provisions of the new law are:

- One-job families (including single people earning less than $25,000, or married and earning less than $31,000) get an extra exemption, called the "special withholding allowance." This is not allowed if a person holds a second job, or if both husband and wife work.

- Additional exemptions (allowances) are permitted if a person itemizes large deductions for charity, taxes, interest, medical expenses and other items on his or her annual income tax return.

IRS has offered businesses and institutions two methods by which to figure employees' withholdings rates. One is from an IRS chart; the other is by a new percentage method. The University has chosen the percentage method for all its payroll use. The University also uses a percentage method to figure Missouri state withholding.

Employees who have questions about their withholding rate are urged to call the Payroll Office, 449-0401, for clarification.


'CAMPUS' Excursions Open to All

Missouri is a beautiful state, with a myriad of cultural and natural wealth to enjoy. Believe it! Not if you're a typical Missourian. "Show me," you say, and that is exactly what Student Activities has planned as part of their activities for this semester.

Show-me Saturdays, a day's excursion to a popular Missouri sight or highlight, are sponsored by the SA Travel Committee. They are designed for the entire University community — staff, students, and families. For a charge of $1.50 per person, SA charters buses to travel to places like Forest Park in St. Louis, the Hannibal-Clarksville area, and Merrinac Caverns. A trip to Bagnell Dam may also be made.

THE FOREST PARK excursion was made Feb. 5, and 125 persons participated. "Most of those attending were students who wanted to get out of the dorms," Ellen Weisert, travel committee chairman, says, "But we're anxious for the whole University to participate. I think a lot of faculty and staff think SA is programming too much in the education of students, but that's not true. These trips are available for everyone."

The buses leave from the Physics parking lot at 8 a.m. on the designated Saturdays. They return to campus at 6 p.m. The trip costs $1.50 per person, and travelers are free to roam the areas at their own leisure.

"It's a real deal," says one student participant. "When there's not much going on in Columbia, you might as well get out and see the rest of the state."

IF YOU THINK you desire to break away, too, Missouri's there for the enjoying.

All Employees Get Liability Protection

Effective Feb. 1, the University began to provide staff Professional Liability Insurance. Personnel who have responsibilities. Cost of the coverage is being entirely assumed by the University.

The insurance is a claim which the employee is legally liable for if another person is injured as a result of an accident arising out of his activities as an employee of the University. The employee must pay the first $1,000 of any claim except that full medical payment protection is provided.

The "full deductibility" aspect of the plan means that each employee consider whether there are any aspects of his job which could result in a claim against him. If there are any such conditions existing, the employee should report that to the campus liability representative, David C. Keller, 309 Hitt St.

If an employee is concerned about the possibility of having to pay a $1,000 claim, he is urged to consult his own insurance broker in order to arrange for additional amounts of insurance.

Further details of the professional liability plan have been outlined in a letter to all deans, directors, department chairmen, teaching faculty and administrative heads. Personnel who have questions about the plan or would like their own copy of the letter may refer requests or questions to R. E. Marrried, Sr., director of Insurance and Loss Prevention, University Hall.
Marching Mizzou Keeps Busy in 'Off-Season'

Contrary to rumor, Marching Mizzou does not dissolve and go underground at the end of fall season. The band merely evolves into four pep bands that take turns playing at Tiger basketball games.

If that were all, there wouldn’t be much to write about in a story. But the band does much more.

“The concert band, the university band and the stage band—all draw their membership from Marching Mizzou people,” Alexander Pickard, director of bands and associate professor of music, said.

“There’s plenty to do after football season ends, and these people are, for the most part, really gun-ho and enthusiastic,” he added.

Besides the pep band and other bands, members of Marching Mizzou play at the spring football game, for the spring ROTC drill meet and at all Homecoming parades.

“And you can’t leave out the commencement,” Pickard said. “We will be planning something for the May commencement later this semester.”

Another event that Columbia music-lovers always look forward to are the outdoor concerts given by the band. These are always dependent on good weather, but they are always attractive in an outdoor auditorium without walls.

“We have a lot to do that keeps us busy,” Pickard said. “Soon we will have begun practicing for the 8:45 a.m. scholarship concert in St. Louis.”

The concert, to be in Kiel Auditorium-Convent Hall, is presented by the University of Missouri Alumni Assn. of St. Louis in cooperation with Carondelet Savings and Loan Assn. The organization annually contributes $5,000 to the St. Louis Band Scholarship Fund.

This will be the 11th Annual Concert and is open to the public without charge. Sounds familiar to football fans will be heard as well as some new numbers that were first heard at the concert, which this year will be on April 29.

Pickard plans to take about 100 members of the marching band and him to the St. Louis concert, as well as the Golden Girls, twirlers usually seen at football games.

The girls will do a dance routine to the tune of "5 to 4" as well as other twirling routines. They began practices a few weeks ago for the Kiel concert, and are brushing up on routines for this spring’s auditions.

Twirling coordinator Patty Gramm Kespohl said all the Golden Girls are required to re-audition each spring.

“We hold tryouts with the idea of selecting the Golden Girls for the next year, not just filling the vacancies we might have,” Mrs. Kespohl said.

This year’s auditions are scheduled April 18-21 and are open to anyone interested.

“We send out a notice to all the high schools which have marching bands that will be held here when tryouts will be held and what is expected of each girl. This way, girls who are planning to enter the University next fall can try out for Golden Girls and begin their freshman year,” she said.

The Golden Girls are considered band members, according to Pickard. They begin practice in the fall at the same time band members do and they practice three days a week with the band during football season, and on Tuesday nights.

The routines performed by the twirlers are planned by Mrs. Kespohl who formerly was featured twirler with Marching Mizzou and winner of several state and national competitions in twirling.

Although the Golden Girls add a little bit of glamour to the halftime presentations during football season, there really could be no halftime performances if there were no band members.

“These kids are really dedicated and hard-working and they care very much about presenting a good halftime show,” Pickard has said:

Both enthusiasm and intense concentration are mirrored in the faces of pep band members as they played at the Iowa State game Jan. 22. At left with back to camera is Alex Pickard, who directs the group’s varied activities.
Apprentices Train in Skilled Crafts

Two new apprenticeship programs to prepare men for journeyman status in carpentry and sheet metal work are currently underway at the Physical Plant. These are the second and third such programs which have been initiated on the Columbia campus; the first program for electrician apprentices was detailed in the May 1971 issue of Campus Columns.

PROGRAMS for apprenticeship programs is to provide a continual supply of skilled tradesmen for the campus and to give employees a chance to upgrade their job skills.

SKILLED CRAFTS apprenticeship programs may require up to four years, depending upon prior background. Place ment in a particular level in the program depends upon experience and knowledge. The University has arranged the courses in conjunction with the International Correspondence School (ICS): the University supervises the training by interviewing and placing apprentices in the program, by providing on-the-job training and by monitoring students’ progress. Because of this work, grades it and returns it to the University.

An advantage of the program is that 75 percent of it is financed by the university under the Educational Assistance program. The apprenticeship programs can also be funded by the government for those who qualify for G.I. benefits. Total cost of the programs vary but will average around $350 to $375 for a four year apprenticeship.

AN EMPLOYEES, to qualify for apprenticeship training, must have completed his six-month probationary employment. The apprentices are interviewed individually and if their qualifications are satisfactory, they are given a text battery by the Campus Personnel Office. If test results are satisfactory, representatives of the Employee Training Office, Personnel Office and Jim Beckett, coordinator of the apprenticeship programs in the Physical Plant, meet with each prospective apprentice in a collective interview. Participants are then chosen and placed at the appropriate level in the course. In order to find the proper placement level, Beckett says, “We consider all previous experience and training. This includes such things as skills obtained in hobbies, high school shop training, skills learned in military service and previous employment experience both with former employers and the University.”

At a recent apprentice program training session, Pete Burnett (standing), supervisor of building trades, instructed the group on the use of the steel square. Background, left: Rex Taught, Henry Agel and Don Julion, sheet metal apprentices. Foreground from left: Larry Glossow and Riley Nichols, carpenter apprentices; James Broshear, assistant foreman of the carpenter shop; and Bill Schmitz, assistant foreman of sheet metal.

The two newest programs have five enrollees: three in sheet metal work and two in carpentry. Participants are now at various levels in the courses.

A CERTAIN NUMBER of courses must be completed by the apprentices within each six months’ period, at which time the University reviews participants’ progress, both in written work and on the job. Apprentices are paid a certain percentage of the journeyman rate, with satisfactory progress their percentage increases through the four years of the program until at the end they are paid the full journeyman rate and receive completion certificates.

“The University is particularly well suited to conduct the apprentice programs,” says Beckett. We are an educational institution and it is gratifying to us when an employee indicates a desire to improve his job skills. We also have journeyman experts here who can help out when apprentices run into trouble.

“FOR EXAMPLE, one student had trouble answering questions on the steel square in the ICS course. We found others also had difficulty with it so we scheduled a classroom session on the steel square which was taught by one of our foremen, Pete Burnett. For this apprentice apprenticeship programs instructed since the steel square is of common usefulness. This was the second instruction session we’ve had. The first was on drafting equipment and taught by our chief draftsman, Dean Barnes.

“Then, too, if we are aware of programs available from our manufacturers or suppliers which would be good for our people, we arrange to bring them in.

We also select ‘experts in the field’ for our apprenticeship programs to work with our students and then we hire them. That’s why the University is so well suited for providing apprenticeship training and improvement for its employees.”

BUT THAT’S NOT ALL: Beckett indicates that with the University and ICS cooperating, these three programs are just the beginning. Additional programs for the campus and for community leaders and trades apprenticeship programs is planned as soon as is practicable.

Retirements

Samuel G. Weinberg, professor of marketing, will retire Aug. 31 after completing 35 years with the University. He began here as assistant professor Sept. 1, 1937, and was named associate professor Sept. 1, 1939. He was named to his present title Sept. 1, 1953.

W. Donald Oliver, professor of philosophy, will retire Aug. 31. He joined the University as assistant professor Sept. 1, 1947, and was named associate professor Sept. 1, 1954, and was named full professor Sept. 1, 1957 and has completed 25 years’ service here.

Mary Margaret Fland, editor for Journalism Extension, will retire Sept. 10. She started working for the University Jan 1, 1948, as a part-time student assistant. She resigned in 1964, but resumed her position as extension instructor Sept. 1, 1957. She was named to her present position Sept. 1, 1963, and has completed 21 years here.

Retiring March 30 is George B. Ed mondson, professor of Horticulture and the Physical Plant, who has been with the University since Feb. 9, 1948. He has completed 24 years, having started as a maintenance employee. He was named to his present title July 1, 1960.

Orvel E. Lewis, manager for the Physical Plant, will retire March 27. He began as a chauffeur Sept. 10, 1951 and has been with the University 21 years.

Obituaries

John Parker Rodgers, associate professor of extension education and campus coordinator, Agriculture Dean’s Office, died Jan. 5. He had retired Dec. 31, 1971. He started work for the University as district extension agent Nov. 1, 1929, and was promoted to county extension agent Jan. 1, 1931, and was named state extension agent and extension assistant professor July 1, 1935. Rodgers was promoted to associate professor July 1, 1944, and became county extension agent and associate professor April 1, 1947. On March 1, 1962, he was named director of extension service while continuing to hold his title of extension associate professor. He was designated field crops pest control coordinator in November 1965, and farm manager extension advisor in November, 1966. He was promoted to professor in 1970, having served as a 24-year employee. Rodgers had served more than 43 years with the University.

Henderson H. Southard, who retired Aug. 11, 1971, died Jan. 16. He had begun his service to the University July 1, 1965, and at his retirement was a mail carrier in the office of the Business Office.
Towns Unite for Mental Health

A unique pilot program to help communities unite to prevent mental breakdowns — and to bring former mental patients back into community life — is under way in Howard County.

The project is a part of a venture of the Social Work, the Mid-Missouri Mental Health Center and Howard County residents.

"We are trying to educate students to see the broad scope of mental health, as a community back-up, as a service to a specific community," says Joanne Mermelstein. She is assistant professor in the UMC School of Social Work and field instructor for the six trainees in the program.

ALL ARE SUPPORTED for the current academic year by a grant of $37,111 for "Psychiatric Social Work." The fund comes specifically from the Social Work Training Branch of the National Institute of Mental Health in the U.S. Dept. of Health, Education and Welfare.

"Students need to see the role of mental health services in many areas, to see the many aids to a community," Prof. Mermelstein says, "as members of a connecting agency between patients and community health. We want the students to see more than just treatment of identified mentally ill persons after the breakdown has occurred.

"Our major goal in this project," she emphasizes, "is to determine how in an area small enough to be managed geographically — we can locate these needs and then develop the social work assistance that will lead to better community mental health."

THE SCHOOL CHOSE Howard, a nearby county, for the project. Graduate students, working with Prof. Mermelstein, met, interviewed and encouraged community citizens to form the steering committee for the Howard County Community Mental Health. In it are representatives of four towns, many groups and interests in the county.

"The Association is in charge of us," Prof. Mermelstein stresses. "The members evaluate the needs of this county's human needs, how they wish our services to be used and priorities as they see them. They may even suggest changes. Then the Association is taking the responsibility for its county's mental health.

"The Association realizes that an individual's problems arise and intensify to the point of mental breakdown. It is to the community that the Association cannot say 'no' to. We can only say 'no' to treatment must return and try to rebuild their lives. At many points along the way, intervention by community or social workers might prevent breakdown.

"WE RECOGNIZE MUCH is being done in prevention and treatment by helpers in the community — teachers, ministers, welfare workers, mental health counselors and others. They have many names but are doing the same work. We are about using what we call 'the juicer of psychiatry.'"

Prof. Mermelstein sees the social worker as helping to uncover problems, giving encouragement or aid in understanding and solving problems.

Prof. Mermelstein's student work students and field instructor become "linkage agents," working in both area community and Howard Mental Health Center. They act as student staff social workers under direction of Prof. Mermelstein, who functions as part of the student staff. Students work with treatment of emotionally ill persons, and participate in conferences among several UMC and state departments involved in treatment and counseling of patients.

"IN THE COMMUNITY, we try to put a finger on the pulse of social problems," Prof. Mermelstein says, "such as the family coping with physical handicap and disease. We are counting on our involvement with this broad range of local concerns to take away some of the fears of mental health, bring it down to everyday terms, and reduce fears.

The trainees and Prof. Mermelstein, as members of the Howard County Mental Health Unit, have been consulting weekly with teachers at grade and regular schools in Glasgow, and with the Human Development Corporation in Glasgow and Fayette County.

Monthly sessions with the Howard County Welfare Office deal with staff development and instructions.

At CENTRAL METHODIST COLLEGE, Fayette, unit members have consulted with the directors of women and of students, helping organize and train student volunteers for the local Home Health Nursing Agency.

Several individuals and organizations have enrolled in the unit to explore the purpose and role of the County Mental Health Organization. Following requests, unit members have appeared at the Glasgow Chamber of Commerce, Fayette school board and city council and the faculty in the administration of Glasgow grade and high schools.

Unit representatives have talked to the Columbia, the Mid-Missouri Association for Social Welfare at Central Methodist College.

They have met with the faculty of the Social Work and with department heads and community service staff of MUMHC.

THEIR JOBS ARE hectic, fast-paced and more often than not, they require the doo to be bearers of bad tidings for students with low grades, cancelled courses, or enrollment in divisional educational problems. Both women readily acknowledge that the type of work they often handle makes most of their dealings with students somewhat less than friendly.

They are also in accord on the toughest single part of the job: telling students they are being dismissed from UMC because of low grades. "There is just nothing that can describe the sinking feeling I get when I must tell students they're being dismissed," Pat Johnson explains. "When they come to us, as receptionists, it's entirely out of our hands. All dismissed students are sent notification letters, but in many cases due to incorrect addresses they are not informed of their dismissal until we see them personally at the next registration period. I can only repeat I find the personal experience as heart-breaking for me as it is for the student."

ASKED ABOUT the attitude of students, Betty Curtis, observes, "You find that most students are cooperative and friendly, even though they're troubled... but you get about 10 per cent who are down right sarcastic and rude. They're the ones who really make the job unpleasant because they don't understand we are not the persons who make decisions about their study programs."

Both admit the job becomes one of constant repetition, especially at registration time. "With the large number of students who pour through the doors, all we can remember is a sea of faces," Mrs. Johnson notes. "Of course, you always remember the nice and the obnoxious people you meet, while the vast majority are unrecognized."

Neither woman terms her job rewarding. Too often they find that students feel the registration is a bad book or register by air without checking reference works first. "What many students fail to realize when they ask their question, is that perhaps only a few moments before we have heard the same inquiry," they explained. "It is only normal for them to believe we are just taking off the top of our head before giving them an answer, but this is just not the case."

Betty Curtis reports the one comment that has remained with her the longest, was one she received when recognized while shopping in Columbia. A student greeted her with, "Oh, you're the lady who doesn't smile." It was hardly a compliment, she added, and has had an impact on efforts to improve an image with the students.

Both women admit candidly that they really do not wish to be remembered as grouchies, unsmiling and uniformed. Actually, with a combined total of 18 years experience at the job, it is obvious that their professional handling of student problems far outweighs any occasional slipped smile in the rush of a busy period.

Mrs. Curtis and Mrs. Johnson are often recognized downtown and stopped for advice, which they freely give. While visiting her own sons at St. Leonard Wood, Pat Johnson was often recognized and remembered by many former students.

Mrs. Johnson also reports one incident which resulted in a compliment. A student entered the office and demanded immediate service, because, he claimed, "I'm a special student."

"SO IS EVERY OTHER student who is waiting their turn," smiled Mrs. Johnson, "and that's the way we try to handle each problem... because it is special to each individual."

Pat Johnson is from Hallsville, where she resides with her husband, Lowell, a 22-year employee of Panhandle Eastern Pipeline Co. They are five Johnson children, and two, Don and Ron, are graduates of UMC.

FARMERETTE BETTY CURTIS lives in the Murray community, located between Columbia and Hallsville. Her husband, Fred, is an auditor of student organizations at UMC.

Behind her horsehoe-shaped desk in the Arts and Science office Betty Curtis (left), and Pat Johnson concentrate on helping a student solve a problem.

People Who Like People:

Two A&S Women Cope With Varied Situations

Two women at UMC probably meet more students in the course of a semester than anyone else on campus. Mrs. Pat Johnson and Mrs. Betty Curtis are not professors, teaching assistants, or even students themselves. Their faces are familiar to hundreds. But their names are as lost as their warm personalities in the flurry that surrounds the large U-shaped reception desk in the office of the College of Arts and Science.

Pat Johnson and Betty Curtis are the reception committee that greets virtually all of the 10,000 students in Arts and Science programs, the largest enrollment of any of the University's schools and colleges.

Faculty Staff
Blood Drive
Set March 7

A faculty-staff blood drive is scheduled for Tuesday, March 7, in the Trophy Room of the Howard Miller Rollins Street. Hours are noon to 5:30 p.m., according to Dean Bean. An instructor is on hand to explain the blood donation and nutrition, and campus chairman of the drive. Quota for this drive is 306 pints.

A new feature of the event is Red Cross appreciation awards to the four campus departments, either academic or non-academic, which have the highest percentage of donor participation in the drive. The framed awards will be presented for display in winning department offices.

Faculty should encourage their students to participate in the event since there is still time to schedule for this semester. Student donors can also take part in the competition for the three appreciation awards by designating their major or the department where they work. The Red Cross is previously requiring students to have written permission to donate blood, but this also has been relaxed. This action is expected to encourage wider student participation in the drive.

As in the past, donors receive credit for their entire families (including the donor's wife and grandparents) to receive unlimited amounts of blood in case of need, without obligation to pay for the blood or arrange for its replacement.

CAMPUS COLUMNS

Campus Columns is published monthly and is 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 Officers. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication. Deadline is listed in the Calendar of Events.

Office: 449-9311
Editor: Margaret Bell Krasdui
Radio Show Focuses on University

Radio and television shows such as University Close-Up generally are placed in those nebulous classification of programs known as "public affairs broadcasting." This means that not only do these shows usually lack commercial sponsorship but that someone actually has the unmilitated goal to use the airwaves for the transmission of information, such as the Top 40 tunes or pie-in-the-face comedy.

That University Close-Up is a radio show that deals with information concerning the University of Missouri—-all four of the University's campuses—is not surprising.

The show is produced by Pat Patton and Marc Abel of the University Information Services. Pat Patton is a UMC staff member; Abel is a student assistant.

According to Patton, the purpose of University Close-Up is simply: "to keep the public informed about the University and to present some of the University's programs which are in the public interest."

Close-Up, which can be heard on station KCTU in Columbia, was first produced in April, 1968, with Norm Benedict as the announcer. Benedict still is the announcer for the show. The program is taped by 46 stations in Missouri and adjoining states and 356 stations of the Armed Forces Network.

The Close-Up show is distributed free, remember, this is public affairs programming and is designed to fill a Thursday slot in a radio station's programming.

"So far the response to Close-Up has been good," Patton says. "We can't read minds and we never get enough feedback. But everything we've gotten has been favorable."

"Probably our best idea of how a station reacts to our programming is where it is put on programming schedules," Abel says. "Some stations bury it where the chances of anyone hearing it are slim. Others put it in a good exposure time during one of their evening broadcast periods."

The show takes about 25 minutes to produce, so the "Close-Up" is not a responsibility. The program content varies but the shows generally can be divided into categories: teaching, research, public service, extension, interviews with visiting entertainers, human interest stories.

"We use very little hard news," Patton said. "Most of our stories are done from a 'third person' standpoint since they are not timely in the news sense."

Recently, University Close-Up has come under fire. Instead of relying strictly upon taped actualities or taped interviews, parts of the show now consist of Benedict reading a script written from releases from the University's campuses or other news sources.

"We were running into a problem of one firm putting out a different tape every week," Patton said. "We found we were stretching taped interviews to fill time. By rewriting the stories ourselves in three minutes we have the pace and get away from the all-tape concept. This also enables us to give the students more of their own orientation."

Another change in University Close-Up—this one in the production end—was the addition of a fill-in student this semester. Since Patton has added a group of journalism students to his staff as fill-in producers, the show can now be produced by two students in one of his classes as long as he has available laboratory time. "We're not really set up to handle students and it does take time to work with each student. However, I think the program provides a good learning opportunity for the students and I enjoy working with them." "The students bring us a fresh perspective," Abel said. "Sometimes they get us out of a rut. We sometimes get bogged down in a show of research projects, for example, every week. That's why we prefer for the students to go out on their own to get their material."

Unfortunately, there really is no way to ascertain how many persons listen to University Close-Up. The only listener response is in the form of letters.

"We get letters from people saying 'Great show. Keep up the good work. But how about more sports?"' Abel said. "Well, that's our whole point. We're trying to show the people that there is more to this University than the football team."

Med Center Has Massive Job

It's a big place, the Columbia campus Medical Center, and it does a big job, but did you ever wonder just what its job is? The services of the Medical Center of the University of Missouri are available to University employees, and other Missourians, upon referral by their personal physicians. Patients receiving Missouri's 114 counties are cared for every year at this campus continually expanding health care facility.

In PROVIDING THE BEST health care for Missourians, the Medical Center carries out activities in three major areas: education of future doctors, nurses and allied health personnel; development of a model hospital to improve the techniques for day-to-day care of the patient; and research for the causes and cures of illness. Each phase of the Medical Center programs is aimed at meeting the increased demands for better health care in the '70s.

With the completion of the Veterans Administration Hospital within the Medical Center complex, more than 1,000 hospital beds are available in the immediate area. This includes 482 beds in the University Hospital and McManey Hall (the rehabilitation center), 1,500-bed Mid-Missouri Mental Health Center and 489 beds in the VA Hospital.

Since opening in 1956, the Med Center has continued to grow in numbers as well as area. The staff includes more than 350 faculty members; 106 interns and residents physicians in specialized training programs; 1,100 full-time students in the nursing, health-related professions and medical research; and nearly 1,800 employees who provide a variety of skills and services.

ANNUALLY, APPROXIMATELY 11,000 persons require hospitalization; and the number of out-patient visits to the clinics has risen steadily each year, now totaling nearly 90,000. The expansion and development of various auxiliary services is also a part of the growth of the Medical Center. A Multiple Handicap Clinic focuses the attention of many specialists on children with complex physical and-or psychological problems. Another program at the Medical Center concerns the Birth Defects Center where a team approach is utilized in the hope of shortening the treatment and length of hospitalization for babies and children with congenital defects.

Patients who express an interest in participating in research studies may be admitted to the Cancer Research Center, a unit which provides controlled research environment for both the physicians and the patient. Findings here are adding to the continuing advance of medical knowledge.

In YET ANOTHER PROGRAM, Medical Center personnel staff an Eye Tissue Bank supported by the Lions Clubs of Missouri which is headquarters for a statewide sight-saving effort. Through corneal transplants, sight has been restored or improved for many Missourians, and a continuing research program is concerned with means of preserving eye tissue for future transplants.

Married Couple Active

As Equal Partners

Marc and Brenda Fastau are a young married couple, both working, both trying to find a place for themselves in today's hectic life.

Sometimes the average couple? Hardly. For Marc and Brenda are also both active members of NOW, a women's liberation group, and they are both striving to be equal partners within the structure of their marriage.

The Fastaus were recent speakers at UMC as part of the AWS "Modern Marriage Partner" series held in February. Work is a liberator is no joke for either of them.

"THIS MOVEMENT is a revolution for both men and women," Brenda maintains. "It seems to be catching on more and more, but oppression is still continuous. The problem now is more than tokenism — it involves an entire change in conditioning." Marc agrees. "Male conditioning is to produce the John Wayne sex stereotype — strong, silent and boring. The real man interacts with other men, is not more than an ego prop."

Marc, who admits he is somewhat of a "rationalests," admits "I can't get the men to join the revolution. "First, men must change their awareness, so they are not looked upon as being 'nondescript.' Second, the battle must be fought on a personal confrontation basis, and third, the closest contact should be on the political arena. Women as well as men, should be in positions of political power."

"WOMEN HAVE A FEAR of achieving, of being aggressive," Brenda adds. "The work of liberation in this area is a lack of self-confidence."

Brenda and Marc are both graduates of Harvard Law School, and are utilizing their law backgrounds to assist the movement. Brenda now works with ACLU, specifically on violations of women's rights.

"When I was interviewing for jobs, I got to know that they had already hired their woman for the year," Brenda relates. "It's hard to believe this attitude exists, but that's what we're working on."

BREND A AND MARC, married in 1968, have some stories to tell. "In some states, a woman must have the written permission of her husband to retain her maiden name, so anything about the problems with wills and estates. One life style must be the only life style to be sold to another."

"The place to start is with children," both state. Elimination of sex stereotypes in children's literature and by sex roles in the two means they recommend. "Responsibilities and household tasks must be split," Marc adds: "Brenda doesn't like doing dishes any more than I do. Plus, children must know each parent as an individual. The home is too much 'mas' and too little 'dad.'"

Brenda defines her idea of an ideal relationship as "when he does what you want, and as badly, and vice versa. That's the foundation for a relationship, not marriage." "MEN WHO KNOW what's going on must repeat it to others. Nothing is going to get better until everyone realizes the problem," Marc states.

Marc and I both know it takes real work to do it. Brenda has a relationship on the matter what format it takes. We'd like others to know the freedom and happiness we share," Brenda finishes, "equally."

SAFETY BRIEF

The mileage death rate for motorcycle riders during 1970 is estimated to be about 23. This is deaths per 100,000,000 miles of motorcycle travel. Based on data collected from the Federal Highway Administration, the 1970 rate represents an increase over the 1969 rate of 21. Why Are The Books Stacked So High?

Because there is no room for them on the library shelves, says Dr. Harry Butler, director of public services. More than a million, six hundred thousand books are in the library catalog. This would fill a shelf an estimated 61 miles long, and not include other library materials.

Those who wonder why someone doesn't "put the books away and make the place look neat" don't understand the problem, Butler explains. Thirty to forty shelving assistants are putting books back all day. But the best they can do is put the books nearest assigned places on the shelves.

In the past year, the library added shelving space for some 50,000 books, just about enough for the first year's expansion. Additional years each are about three times the number of books on one could count on the shelves of the undergraduate library.

Some 18,000 less-used books are stored in numbered boxes in hallways and on stair landings. These books can be located by poking at the circulation desk.
Robert E. Dresller applied for a position as director of chorals activities at the University of Missouri in 1952. He didn't get the job, but that didn't daunt him. Now, 29 years later, Dresller has finally received his appointment at the University, only he is no longer in music.

"They didn't hire me in 1952, so I spent a place like this," Dresller jokedingly, after hanging a telephone call from an irate mother.

"Well in the first place, did you ever try to build a station in Chicago? It may seem like a great place when you visit, but it's not a good place to live," he said.

Yet a change in environment isn't the only, nor even the main reason why Dresller came to Missouri.

"MY LIFE HAS BEEN divided between a desire to be in education, but an economic necessity to work in industry. This situation, as manager of KOMU, affords me the possibility to work in two areas which I deeply enjoy - teaching and communications."

"How did Dresller go from seeking a job in the field of music in 1952 to his current position in television in 1972?"

"The answer lies with simple economics," he says. "I have a lot more in the way of salary than I had in the past."

Dresller received his bachelor of music education and master of music degrees from Northwestern University. Armed with these credentials, he sought a job in his field and took several teaching jobs in succession.

"IT HAS BEEN SAID that I'm an outstanding choraller and conductor," Dresller said. "I have had several works published." Dresller was teaching at the University of Chicago and was then hired by the University of Missouri in 1959.

In 1964, Dresller was teaching at the University of Chicago and was then hired by the University of Missouri in 1959.

"When I came to the University of Missouri, I was teaching at the University of Chicago and was then hired by the University of Missouri in 1959."

"The best change was when they put in the glass booth and a heater. I used to have to stand outside all day in the cold. I didn't have a lot of insulated underwear back then."

"He asked if he'd enjoy sitting around and relaxing after his retirement, he said he'd like being alone there around. He's enthusiastic about camping and fishing, and he enjoys gardening. He and Dorothy have taken their grandchildren for camping in Colorado during several summer vacations and they plan to return. In fact, his wife and children are still in Chicago, planning to join him sometime in July.

"Well-Known Security Guard Retires Soon"

People who frequently park in the lot immediately behind Jesse Hall will soon start to miss the cheerful assistance of Everett Jackson, a security guard who's watched over that area almost exclusively since he began working for the University in December, 1960. Jackson, who just turned 65, will retire Feb. 28.

No stranger to the campus even before becoming a University employee, he helped build the Medical Center and the Arts and Science Building, among others, while working for the Apple Coin Corporation locally.

WHAT CHANGES has he noticed since first taking up his post? "Well, there were some temporary buildings nearby, but during World War II, that were removed a couple of years ago. Also, the days in the center steps at the back entrance of Jesse Hall; I suggested the change to give more room and to lower trees to turn around, Jackson explained.

"But the best change was when they put years of service in the glass booth and a heater. I used to have to stand outside all day in the cold. I didn't have a lot of insulated underwear back then."

"He asked if he'd enjoy sitting around and relaxing after his retirement, he said he'd like being alone there around. He's enthusiastic about camping and fishing, and he enjoys gardening. He and Dorothy have taken their grandchildren for camping in Colorado during several summer vacations and they plan to return. In fact, his wife and children are still in Chicago, planning to join him sometime in July.
Student Health Facilities Improved

Serving thousands more students than it was originally designed for can put quite a strain on an older facility. This is the problem facing the Student Health Center in Noyes Hospital. Add to the numbers of students the necessity of providing top-quality medical care and the situation is compounded. Currently completed remodeling projects are aimed at doing a better job of serving more students. More efficient and cheerful lab facilities ensure quality for the 90 per cent of student patients whose lab work is done in the Center’s lab, where there is no charge for students’ tests. The other major renovation has involved setting up and equipping treatment rooms and a cast removal area for dermatology and orthopedic clinics held regularly on an out-patient basis. The clinics were recently developed in cooperation with the Medical Center; consultants from the city and the Medical Center have a conveniently located facility to treat students with these special medical problems. The rest of the time the rooms are used by the doctors and their student patients in the Health Center.

John Rievley, left, senior medical technologist, and William Pugsley, campus sanitanion, inspect a culture dish in the lab. The facilities of the Student Health Center are used to carry out a regular program of food service surveillance in every living unit on campus. Pugsley sees that sanitation requirements of the state are observed and makes swabs of kitchen utensils in dorms, Greek houses co-ops, etc.

The renovated lab is very colorful with bright orange curtains. The central work area boasts bold multicolored drawers and cabinets. Dr. Diane Brukardt says the colorful atmosphere aids students by helping them feel more at ease as they undergo laboratory tests.

Below: Barbara Kelly, left, practical nurse, and Bernadine Johnson, registered nurse and assistant to the director of Student Health Services, prepare for a skin biopsy in one of the new treatment rooms. The rooms are used part of the time for student patients and part for the regularly scheduled out-patient clinics in dermatology and orthopedics for students around campus with skin or bone problems. At right: Two Health Center staffers are in some of the materials in the cast application and removal area. In the foreground, Lillian Persinger works in the plaster buckets. Behind her is Marguerite Grathwohl, superintendent of nurses. The wand-like machine is a power saw to remove plaster casts; the floor is protected from dripping plaster by a canvas throw.
Extension Aids Health Problems

Concern about the growing crisis in the public health-care field has prompted a need for a new angle to relieve already overburdened health-care facilities across the state.

The idea? Helping a community to solve its health-care problems with resources available within the community. The angle? Educating the consumer through Extension services.

ARTHUR E. RIKLI, coordinator and professor of Community Health and Medical Technical Education, and the Health Consumer Information Program is involved in developing such a program under a grant from the Health Services division of the U. S. Public Health Service under Health, Education, and Welfare.

"Our idea is really so new it isn't in effect yet," Rikli explains. "This program was initiated because of a shortage of health-care manpower plus a heavy service overload. We began with the idea that the consumer himself can play a more active role in reducing the crisis."

THE APPROACH WILL BE on an education rather than treatment level, he continues. "We will be sending a community health representative to the area to work with the local people on her or his health-care problems and potential resources. These representatives will have a background in health information and extension work."

Program plans also are scheduled to eventually work problems not necessarily related to physical health. Lonesome old citizens, the chronically ill and the expected child also need attention, for example.

"First we'll check out local resources - the things we may be right here in the community," Rikli says. "We won't be sending in doctors and nurses as such, but we will utilize community physicians as local resources," he adds.

"OUR POINT OF VIEW will be what the people of the community see as their problems. We can help them work towards a solution with the total resources of Extension and the entire University system. We will also be backed up by the medical facilities here and at UMRC. On top of all of this, there are many government services already available."

"It's like a man opening a garage, but with General Motors behind him," Rikli says.

The problem is tentatively set up to include three communities in a demonstration basis. Included will be urban, rural and city-rural areas. Criteria for selection include, the extent to which resources are available, and the limited resources of Extension.

Safety News and Views:

Fire and Left-Along Children: A Dangerous Combination

How would you feel if fire killed your small child while he was alone, unable to save himself?

Each year scores of parents go through the agonizing experience of losing a little boy or girl in just this way, according to the National Fire Protection Assn. (NFPA).

The international fire safety organization estimates that about one out of every three children who die in a fire is alone at the time of the tragedy.

The primary precaution to take is never to leave small children alone. If you must leave the house for even a few minutes, take the children with you or place them in the care of a competent, reliable person while you are away.

Here are some suggestions from the NFPA for protecting children from fire at home or at play:

Make sure babysitters have specific instructions in case of fire.

These should include orders to get the children out of the house in an instant smoke or gas is noted. Also include the location of at least two escape routes from every room and instructions as to how to get in touch with the fire department, parents, doctor and police.

Keep young children—age two and under—constantly in mind.

Teach older children how to use and respect fire. They learn best by the good example set by their parents.

Keep your home free of fire hazards through regular checkups. Don't hesitate to ask the fire department to help in this.

Train children of all ages to get out of the house to safety in a fire. Work out at least two escape routes from each room and be sure the youngsters know these rules by memory.

Book Fair Wants Books, Etc.

Need a "recycling center" for used books, out-of-date magazines, art objects, professional journals and such? Library students are ready to receive them now at the Elmer Ellis Library and the University Book Store.

Friends of the UMC Library have set the date for their annual Book Fair, April 22-23.

Co-sponsors will be the Library and Information Science Graduate Student Assn. and the Friends of the UMC Library.

The Book Fair, to be held in the Library Auditorium, has two major goals. One is to raise funds to add to the Library's rare book collection and to benefit the library in general.

Equally important is the goal of practical experience that students expect to gain in organizing and staging the event.

Donations of books, monographs, periodicals, records and other materials are being accepted now at Room 103. Patrons are asked to mark their contributions, "Friends of the Library Book Fair," so items may be channeled to the proper department.

Additional information is available from the office of the secretary of the Friends of the Library, Harry Butler, Room 100, UMC Library, phone 449-9241; or of the office of the chairman of the department of library science, Francis Flood, 111 Stewart, 449-8221.
Engineers Celebrate Festivities April 8-15

St. Patrick, patron saint of engineering, will again preside over a week of ceremonies and festivities as the College of Engineering observes Engineers Week, April 8-15.

The week’s first test of engineering skill will be observed Friday afternoon when the good samaritan just as he has each year at UMC since 1953.

Each year at this time the College of Engineering recognizes several prominent men in industry for their contributions to engineering. Two prominent engineers at the Honor Awards Banquet at 6:30 p.m. Friday in the Material Union. Always one of the highlights for a visitor to Engineers Week is the laboratory exhibits. Practical and novel displays of engineering principles will be open to the public in the engineering buildings from 8:30-10 p.m. Friday and from 9 a.m. until 3 p.m. Saturday.

Careers in engineering will be the subject of a seminar at 10:30 Saturday morning in the Electrical Engineering Auditorium.

Management Seminars Offered Soon

This year the University is offering its administrative and supervisory management seminars: Two graduate Management Seminars on two different subjects.

The first seminar will be on the subject of “Communications.” The location, dates, and times are: College Personal Office at 309 Hitt Street; April 19th through April 28th; Mondays, Tuesdays, and Fridays from 10 a.m. until 12 noon. This program is to be taught by Donald Zick, Manager of Employee Training and Development, and Dean Baker, assistant to Manager of Employee Training and Development. Much of the information presented in this program will be derived from materials and films developed by Dr. David Berlo, chairman of the department of communications at Michigan State. The program will also include the Xerox Corporation “Effective Listening” tape series.

The second seminar will be on the subject of “Motivation.” The location, dates, and times for the seminar are: Columbia Campus Personal Office at 309 Hitt Street; June 19th through June 28th; Mondays, Tuesdays, and Fridays from 10 a.m. until 12 noon. This program is based on the information and films developed on this subject by Dr. Frederick Herzberg. Dr. Herzberg is professor of psychology at Case Western Reserve. He is also a national authority on this subject. This program will be led by Donald Zick. Registration will be held to 300 people per session and will be first-come first-served basis. There is no cost to any one department. Registration will only be accepted by employees who have cleared attendance through dean, director, or department chairman. Employees are urged to make arrangements for registration early.

These seminars are designed for “management” type personnel and would also be appropriate for those employees who have already attended the “Basic Supervision Course” or either of the “Management Development” programs. To register to attend either of these seminars, contact Susan Davidson, 410-8311, ext. 54.

In Ceremonies April 13:

William C. Peden Named Jefferson Award Honoree

William H. Peden, whose extensive literary publications have included several about the third president and his native state of Virginia, has been selected to receive the Thomas Jefferson award at the University of Missouri when Jefferson's birthday is observed April 13.

The traditional ceremony is held each spring on the Columbia Campus near the monument that marks the grave and the award includes a citation and interest accrued from a $10,000 gift of the 10 for Carl McConell, president of Washington, D.C. Peden's selection was made by a University-wide committee headed by A. G. Upham, president for administration, from nominees submitted from throughout the four-campus University. The award is presented annually to a member of the University community who "best exemplifies the principles and ideals of Thomas Jefferson."

Previous recipients have included Elmer Ellis, president emeritus of the University; John G. Nehart, poet and public relations director; James L. Bugg Jr., former UMSL chancellor; Carleton F. Schofield, UMRC chancellor emeritus; and Lewis Adkins, UMC professor of history. Peden received three degrees from the University of Virginia where he was an instructor before going to the University of Maryland and, in 1946, to UMC where he is professor of English.

Among his publications have been "Notes on the State of Virginia." "Some Aspects of Jefferson Bibliography" published by Washington and Lee Press, and "Life's Selected Writings of Thomas Jefferson" published by Random House, as well as the introduction to "Thomas Jefferson's Library Catalog," published by the University of Virginia Bibliographical Series.


April 5 TapDay Ceremonies Honor Service

New members of three senior honor societies and members of a fourth society who have served secretly for a year will be revealed at traditional Tap Day ceremonies April 5 at the columns of the University of Missouri-Columbia.

The ceremony offers an opportunity for the senior members of Mortar Board, Mystic Seven, QEBH and LSV to march from Jesse Hall to the columns and reveal new members.

Edwin B. Hutchins, dean of student affairs, will be master of ceremonies for the program. The program will be conducted by Herbert W. Schooling who will speak briefly on the general significance of Tap Day and why it is held. Usually the honorees will select honorary members from the faculty and administration as well as new student members for membership in the organization of administration as well as new student members.

The ceremonies will take place between 9:15 and 9:55 a.m., resulting in 8-40 classes ending 15 minutes early and 9-40 classes starting 15 minutes late. Eliminated this year will be the swarming-in of new officers of the Missouri Student Activities. They were instituted earlier at MSA ceremonies.

CAMPUS

UNIVERSITY OF MISSOURI-COLUMBIA

Columns

Vol. 3 No. 7
March 24, 1972

Non-Academic Staff

Get Holiday March 31

Good Friday, March 31, has been designated as a holiday for non-academic personnel throughout the University of Missouri-Columbia. The decision was approved by the Board of Curators and announced by Provost Donald A. Hattula. The academic program of the University will be in regular operation on that day since it falls within the first two weeks of the semester when the faculty approved the instructional program calendar. It should be noted that non-academic services necessary to the support of the program are to be maintained.
Calendar of Events

LECTURERS, SPEAKERS
March 18: English Dept. Lecture Series: Donald I. Veasts, UMC assistant professor of English to speak on "Black Humor: Directions in Modern Satire," 8 p.m., Small Ballroom, Memorial Union.
April 14: UUCS University Assembly Lecture: Professor Eric Heller, Northwestern University, to speak on "The Angel of Duno and the Poetic Problems of Modernity," 8 p.m., Memorial Union Auditorium. Sponsored by the dept. of germanic and slavic languages.

CONCERTS, PLAYS
March 28: University and Concert Bands to perform, 8:15 p.m., Jesse Aud.
April 5-8, 12-15: Shakespeare’s “Measure for Measure” to be performed, 8:15 p.m.
Stephens College Playhouse. Single admission. $1.50.
April 9: Esterhazy String Quartet to perform, 3:30 p.m., Fine Arts Recital Hall.
April 15-16: University Theatre to present "Casper and Cleopatra" by George Bernard Shaw, directed by Larry D. Clark. Single admission, $2.
April 14: Soprano Birgit Nilsson to perform, 8:15 p.m., Stephens College Assembly Hall.
Stephens Arts Series. Single admission. $5.20.
April 16: University Theatre presents the St. Louis Symphony, 3 p.m., Jesse Aud. Single admission, $2.00.
April 29-31: Stephens Dance Company to appear in an all-encompassing concert, 8:15 p.m., South Campus Auditorium. Single admission, $2.

MUSIC, EXHIBITS
March 28: Honors College Film Festival: “Triumph of the Will” to be shown, 7:30 p.m., Library Auditorium. Free.
March 28: Student Activities Free Flicks: "Roshanam" to be shown 7 p.m., Jesse Aud. Free.
March 30: Honors College Film Series: Civilization, Part 10, to be shown, 7:30 & 8:30 p.m., 210 GCB. Free.
March 29-April 3: Exhibit: Stephens College BFA & AB students, Davis Art Gallery.
April 1: Student Activities Free Flicks: "Monte Walsh" to be shown, 2:30, 5:30 & 8:30 p.m., Jesse Aud.
April 5: Student Activities Free Flicks: "World Without Sun" to be shown, 7 p.m., Jesse Aud. Free.
April 6: Honors College Film Series: Civilization, Part 11 to be shown, 7:30 & 8:30 p.m., 210 GCB. Free.
April 9: Anthropology Film Series: "Maya Through the Ages," "Circle of the Sun" to be shown, 2 p.m., Geology Aud. Free.
April 9: Student Activities Free Flicks: "The Odd Couple" to be shown, 2:30, 5:30 & 8:30 p.m., Jesse Aud.
April 11: Honors College Film Festival: "Paisan" to be shown 7:30 p.m., Library Auditorium. Free.
April 11: Student Activities Free Flicks: "Patton" to be shown, 2:30, 5:30 & 8:30 p.m., Jesse Aud.
April 13: Honors College Film Series: Civilization, Part 12 to be shown, 7:30 & 8:30 p.m., 210 GCB. Free.
April 16: Student Activities Free Flicks: "In Cold Blood" to be shown, 2:30, 5:30 & 8:30 p.m., Jesse Aud.

Policy and Procedure
Full time employees of the university may use the facilities of the Memorial Union, including food service, without charge. The university may also take advantage of the recreation services of the Brady Commons on the Mall. University identification cards may be required for food service and must be presented at Brady Commons for recreation services. Wives or husbands of employees may use the recreation area of the Brady Commons upon presentation of the employee’s identification card; children are allowed only when accompanied by the employee.

Employees Requested To Conserve Utilities
A directive has been sent out to all deans, directors and department chairmen asking the continued conservation of heat and light in campus buildings.

In the letter, Thornton Jenkins, superintendent of the Physical Plant, states that the cost of electric power for the month of December had been reduced approximately 15 per cent below the November level because the Business Office and the Physical Plant had cooperated in cutting building cooridinators to reduce wastage in their areas. Additionally, the cost of electrical power for November had been reduced about 20 per cent from the October level due to actions necessitated by the coal shortage.

Jenkins emphasizes that, in encouraging continued conservation of utilities, it is not the intention to have University faculty and staff do without essential utilities. Rather, people should strive to eliminate wastage wherever possible.

To conserve utilities Jenkins advises the use of the following procedures:

- Keep all windows closed at all times during the heating season.
- Maintain a 67-70 degree room temperature by adjusting the thermostatically controlled radiator and convecter valves, wall thermostats which can be adjusted without a special key, and manually controlled radiator valves. Notify the Physical Plant for adjustment of wall thermostats which require special tools.
- If possible, reset controls to maintain a temperature of about 60 degrees during weekends or longer periods when spaces are not in use.
- Turn off lights when not required.
- Conserve water where possible, and immediately notify the Physical Plant if water leaks are noticed.

April 15: Honors College Film Festival: "La Terra Trema" to be shown, 7:30 p.m., Library Aud. Free.
April 18: Student Activities Free Flicks: "The Wild One," "I.T." to be shown, 7 p.m., Jesse Aud.
April 26: Honors College Film Series: Civilization, Part 13 to be shown, 7:30 & 8:30 p.m., 210 GCB. Free.
April 28: Student Activities Free Flicks: "Rod Serling Film Festival" to be shown 2:30, 5:30 & 8:30 p.m., Jesse Aud.
April 29: Honors College Film Festival: "L’Avventura" to be shown, 7:30 p.m., Library Aud. Free.

COURSES, INSTITUTES
March 27-April 13: Introduction to Fortran, Mon-Thurs, 3:40-5:50 p.m., 210 GCB. Instructor: Jack Mayor and John Phillips. Non-credit, no-fee short course for students, faculty and staff. Call computer center receptorist, 449-875. ext. 266, to enroll.

WORKSHOPS, SEMINARS
April 11, 24: New employee orientation for non-credit and service support staff, 2-5 p.m., Personnel Conference Room, 300 Hitt St. All new employees should attend one meeting.

DEADLINES, OTHER EVENTS
April 1, 10, 17, 24: "Little Women," Family Classics Drama Series, KOMU-TV, Channel 8, 6:30 p.m.
April 7, 14, 21: Trips to Observatory (if clear weather) 8-10 p.m., Physics Observatory. Call physics dept. for more information.
April 16: Faculty-student Rap Session with Board of Curators, 3 p.m., Memorial Union.
April 21: Review of the research findings of the North Central Watershed Research Center, Ag Research Service, M.4, Memorial Union. 8:30-noon. (This has been changed from April 7 as originally scheduled.)
April 23: Stadler Genetics Symposium. See story this issue.
April 25: Graduate Record Exam to be administered.
April 28-29: Mo. Academy of Science to hold its annual meeting at Southeast Mo. St. College, Cape Girardeau. A highlight will be an environmental symposium the afternoon of the 28th. Meetings open to the public upon payment of $1.50. For more information, call Robert G. Combs, associate professor of electrical engineering and bioengineering, 206 Elec Engr. 440-3150.

SPORTS, BASEBALL
March 31-April 1: Kansas State here
April 7-8: UMC at Colorado
April 14-15: Nebraska here
April 21-22: UMC at Kansas
April 28-29: Iowa State here
May 4-5: UMC at Oklahoma State
May 13-16: Oklahoma here

Water Beds Able To Damage Homes
The weight of a water bed might damage a home.
That fact is pointed out by the Structural Engineer’s Council of Arizona, says Richard Phillips, UMC Extension agricultural engineer.

According to the Association, the weight of water in water beds often exceeds the design load in floors in houses. They recommend that water beds be used only on the first floor of concrete slab-on-grade construction or on floors specifically designed for the extra load.

Water weighs about 62 pounds per cubic foot. This means a one-foot depth of water exceeds the design capacities of most floor systems, Phillips warns.

CAMPUS COLUMNS
Campus Columns is published monthly except July and August, and other times of University employees on the Columbus campus, and is edited under the supervision of the Office of Public Information in cooperation with Personal and Business Office. Contributions and information for this paper should be sent to Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events).

Office: 449-3911.
Editor: Margaret Bell Kraeuchi
The University of Missouri
An Equal Opportunity Employer.
Police Professionals Have Big Job

“...it’s a matter of our department having grown at a very rapid rate. Since 1978 the number of officers has expanded. UMC Police Chief Ron Mason is frank in discussing some of the problems currently facing his department; he is also enthusiastic about his work, his personnel and the University community. And he wants all facets of the University family to understand his department and the job it does.

“There’s no doubt that we needed the increased manpower but at the same time, taking on so many young officers meant we didn’t have the experience, matured-officer, to work closely with the young personnel. To put another way, it was difficult to give the new men proper in-service supervision and leadership.”

“Here in Columbia,” he continues, “we have the facts to make wise decisions. And, of course, we can say only what we can prove. But we ourselves are not in the decision-making business.

“Criminal cases do have similarities and the same things as metropolitan police but our problems are greater: we have a concentration of 16,000 people. They are energetic, intelligent, motivated, impressionistic, peer-conscious and fun-loving, sometimes they know not what they lead themselves to! Unfortunately, at that point we police get seen as ‘put-down people,” Mason says.

“But outsiders find University people easy to mix with. It’s our job to protect students, staff and guests from them. We have as many or more of these victimizing outsiders as there are in metropolitan areas.”

A recent U.S. News and World Report article noted that campus crime was up 100 per cent on both coasts. Since the mid-1960’s, the crime situation gets worse every year or two, we’re bracing for it now.

“I’m not here to nit-pick the students; if every little rule were being enforced there wouldn’t be enough police in the world to do it. Actually I’m a firm believer that people should look out for each other—if they did that, they wouldn’t need us,” he continues.

“Students can best police themselves. All I would need to do is point out where an event would have possible hazards involved. If students policed themselves, they will be able to help others if they see a wrong. My task is to get students involved; they’ll need us less if they take on the responsibility and polices themselves. But they can’t blame us for having to step in,” Mason cautions, “if they’ve failed to take on the responsibility themselves.”

“While many see us as the officers, we are directly responsible to the UMC Business Office. About his department’s relationship with the University, he has much to say.

“We’re really here to oil the machinery, to make things run more smoothly. The University should be pleasant, safe and free from coercion. We see ourselves as protectors and helpers—ensuring the University community for us. We do have things to be concerned about the interests of the local media. And that’s unfortunate.”

In the University structure, Mason, as chief of police, is directly responsible to the UMC Business Office. About his department’s relationship with the University, he has much to say.

“The vast majority of people who live, work and study on campus are law-abiding; yet we cannot allow ourselves to get blinded in name-calling with the tiny but vocal minority who are in radical opposition to us,” Mason says.

“We believe in the machinery of enforcing unpopular laws; if we only had to enforce popular ones—everyone against rape and murder and burglary—then we’d be heroes. But nobody likes the parking restrictions and some of the other things that may be unpopular with the University and regulations which we must enforce.

While some people see us as an extension of the dean’s office, actually our job is to get the facts and relay them to the proper University authorities. The University administration can make decisions regarding student behavior, for example, with half the facts; we want to deal to

Police Chief Ron Mason

Our campus police department have the facts to make wise decisions. And, of course, we can say only what we can prove. But we ourselves are not in the decision-making business.

“Criminal cases do have similarities and the same things as metropolitan police but our problems are greater: we have a concentration of 16,000 people. They are energetic, intelligent, motivated, impressionistic, peer-conscious and fun-loving, sometimes they know not what they lead themselves to! Unfortunately, at that point we police get seen as ‘put-down people,” Mason says.

“But outsiders find University people easy to mix with. It’s our job to protect students, staff and guests from them. We have as many or more of these victimizing outsiders as there are in metropolitan areas.”

A recent U.S. News and World Report article noted that campus crime was up 100 per cent on both coasts. Since the mid-1960’s, the crime situation gets worse every year or two, we’re bracing for it now.

“I’m not here to nit-pick the students; if every little rule were being enforced there wouldn’t be enough police in the world to do it. Actually I’m a firm believer that people should look out for each other—if they did that, they wouldn’t need us,” he continues.

“Students can best police themselves. All I would need to do is point out where an event would have possible hazards involved. If students policed themselves, they will be able to help others if they see a wrong. My task is to get students involved; they’ll need us less if they take on the responsibility and polices themselves. But they can’t blame us for having to step in,” Mason cautions, “if they’ve failed to take on the responsibility themselves.”

“While many see us as the officers, we are directly responsible to the UMC Business Office. About his department’s relationship with the University, he has much to say.

“The vast majority of people who live, work and study on campus are law-abiding; yet we cannot allow ourselves to get blinded in name-calling with the tiny but vocal minority who are in radical opposition to us,” Mason says.

“We believe in the machinery of enforcing unpopular laws; if we only had to enforce popular ones—everyone against rape and murder and burglary—then we’d be heroes. But nobody likes the parking restrictions and some of the other things that may be unpopular with the University and regulations which we must enforce.

While some people see us as an extension of the dean’s office, actually our job is to get the facts and relay them to the proper University authorities. The University administration can make decisions regarding student behavior, for example, with half the facts; we want to deal to
Employees Now Get Unemployment Pay

In January, a first occurred at the University of Missouri. The University came under the Missouri Unemployment Compensation Program. The Mayor of Columbia, William D. Poore, said, "This may not mean much to University employees who are working, but it means something." The University is due a labor dispute in which the department and which caused a stoppage of work at the place of employment, or,

3) he was suspended or discharged for misconduct with his work;
4) his unemployment is due to labor dispute in which he is interested and which

unemployment falls within three months before expected date of childbirth or four weeks after birth.

A person who becomes unemployed and qualifies for benefits may earn $15 per week, depending on the amount of his wages. But he must fulfill certain conditions in order to receive benefits and must continue to receive them. These conditions are explained by the Employment Security Office, and they generally involve availability of work and actively seeking work.

The University employee who files a claim for unemployment compensation with the Employment Security Office will have his claim checked to determine whether the conditions under which employment was lost are as stated by the person filing.

Poore said he is seeking to process all claims through the University-wide office in Lewis Hall.

"This means that we will handle claims from all four campuses and keep records and other material in one central location. This should facilitate administration of unemployment compensation," he explained.

The University's Unemployment Compensation Program does not cover students, but it does cover part-time employees provided they earn at least $15 per week for 17 consecutive weeks in University employment.

Poore said he is planning to initiate training sessions for supervisory personnel next month, in particular, so they will be able to answer questions about unemployment compensation and to aid in handling the administration of the program.

Meanwhile, anyone seeking additional information can visit the personnel office on his campus where pamphlets are available for workers and employers.

Orval (Lank) Lawson, second from left, is shown with his wife, Matt, as he receives gifts and best wishes from Physical Plant officials at his recent retirement party. A University employee since 1952, Lank served as chauffeur. He has performed a variety of services at the Plant and has been a messenger the last two years. Gifts were presented from friends in General Services, University Hall and Jesse Hall.

Mr. and Mrs. Cecil Stull are shown with gifts received at a recent retirement reception given in Stull's honor by the Physical Plant. Stull had been a University employee since 1937 and at his retirement was assistant supervisor of non-technical trades.

Mizzou Credit Union Report Shows '71 Financial Health

Officers of the Mizzou Employees Federal Credit Union for 1972 were elected at an organizational meeting of the Board of Directors held in Columbia, March 8.

David Phillippe, USML assistant business officer, was elected president; Richard Wallin, UMKC administrative library assistant, vice-president; Susan Fregard, USML assistant director of libraries, treasurer; and Patricia Miles, UMKC supervisor of seniorgames services, secretary.

Howard Pyron, UMR assistant professor of computer science, and David A. Moser, UMC associate professor of agricultural economics, were elected to the Board of Directors for three years terms. Other Board members are William Poore, UMC director of personnel services, Dudley Cress, UMR director of the office of public information, and Jane Berry, assistant dean of continuing education and extension.

The Board has also announced members of the Supervisory Committee. They are Kee Grossongh, UMC accounting services manager; Sam Scobee, UMC College of Agriculture fiscal officer, and Anthony Lampe, UMC grants and contracts supervisor. The Supervisory Committee reviews and evaluates the performance of elected officials and employees, makes recommendations for improvement and acts as a representative for members of the Credit Union.

George Brooks, UMC director of Student Financial Aids, is the 1972 Chairman of the Credit Committee, which evaluates credit application.

Other Credit Committee members are Dean Shelley, UMC instructor in food science and nutrition and supervisor of dairy processing; Bill Northrup, supervisor of research and records for Missouri Crippled Children Service; Hudson Little, UMC buildings trades supervisor; Walter Sanderson, UMC agricultural research operations supervisor; Dean Barnes, chief draftsman of the physical plant; and Michael Lawrence, UMC assistant professor of finance.

Loan officers are John Boldi, UMC supervisor of design services; Howard Kincaid, UMC assistant personnel manager; Louise Wightman, UMC assistant director of housing; Ron Wilson, UMSL personnel assistant; and Fred Karr, UMKC administrative assistant and instructor of pharmacy.

The Board of Directors reports an increase in assets from $96,000 a year ago to over $300,000 currently. Membership has increased by 378 accounts or nearly 34 percent during the past year. The Credit Union pays quarterly dividends and reports a dividend at the annual rate of 5 percent for the period ending Dec. 31, 1971.

The Credit Union was established in June, 1969. Membership is open to all University employees, federal or state employees whose agencies work in cooperation with the University and members of their respective families. The Credit Union is located at 900 University Avenue, 440-2961.

Genetics Symposium Convenes April 21-22

The internationally recognized L. J. Stadler Genetics Symposium has been scheduled April 21-22 where authorities in the field of genetics gather for the fourth consecutive year.

The symposium is named for the late president of genetics who spent 36 years as a student, teacher and researcher at UMC before his death in 1934. He was widely recognized as a leader in the use of X-rays to induce mutations in plants and for his discovery of evidence of the chemical nature of inheritance.

The program will extend throughout the day with speakers including E. B. Sears, UMC faculty member who is a member of the National Academy of Sciences; R. F. Wagner of the University of Texas, president of the U.S. Genetics Society and co-author of "Genetics and Metabolism" which is in its second edition; Stephen Hall, an active young scientist from the University of California-La Jolla; G. F. Sprague, U.S. Department of Agriculture, and curator of the National Academy of Sciences, who is considered the most accomplished contributor to the development of plant breeding theory in the nation; Leon Dure, University of Georgia, a biochemist, and the leading leader in tissue DNA and Sheldon C. Reed of Dight Institute, which is associated with the University of Minnesota and the nation's first major counseling institute and who is an authority on human genetics.

An evening entertainment program will be a dinner at which Charles F. Mallett, UMC professor of history, and the University Woodwind Quintet will be featured.

The 1972 symposium will begin with open house April 21 in the UMC genetics laboratories where discussion groups will involve undergraduates as well as program speakers. The groups will be divided into wheat and maize genetics, genetic recombination, genetic role of RNA (ribonucleic acid), human genetics and biochemical genetics.

The speaker late Friday afternoon will be Herman W. Lewis, program director of genetic biology with the National Science Foundation, who was active in genetics research before accepting an administrative role.

The program on April 22 will extend throughout the day with speakers including E. B. Sears, UMC faculty member who is a member of the National Academy of Sciences; R. F. Wagner of the University of Texas, president of the U.S. Genetics Society and co-author of "Genetics and Metabolism" which is in its second edition; Stephen Hall, an active young scientist from the University of California-La Jolla; G. F. Sprague, U.S. Department of Agriculture, and curator of the National Academy of Sciences, who is considered the most accomplished contributor to the development of plant breeding theory in the nation; Leon Dure, University of Georgia, a biochemist, and the leading leader in tissue DNA and Sheldon C. Reed of Dight Institute, which is associated with the University of Minnesota and the nation's first major counseling institute and who is an authority on human genetics.

An evening entertainment program will be a dinner at which Charles F. Mallett, UMC professor of history, and the University Woodwind Quintet will be featured.
New Thrust in Equal Employment

“Equal opportunity employment is really nothing new for the University,” campus personnel Director Larry Harkness says, “what we’re interested in now is affirmative action in that direction.” Harkness has been appointed equal opportunity employment coordinator.

William C. Peden Named Jefferson Award Honoree

(Continued from Page 1) Literature,” and “Short Fiction: Shape and Substance,” by commercial publishers as well as others by the Virginia, North Carolina, Louisiana State, and South Carolina presses.

Peden was one of the editors of “Story Magazine” from 1960-62; book editor of the Columbia Missouri from 1967-64; first director of the University of Missouri Press and member of its editorial board since 1968; on the editorial committee of Studies in Short Fiction since 1962; and on the advisory board of the National Scholastic Creative Writing Contest since 1969.

He held a Guggenheim fellowship in 1969-70, served as a juror for the National Council on the Arts, and was a judge for the National book Awards in 1961, and is delegate at large for the Modern Language Association since 1962, and a member of the Associated Writing Program.

He has been a staff member at various writers’ conferences, has given lectures and readings at many colleges and universities and since 1966 has been director of the UMC writing program. He was also chairman of the English department in the 1960s.

Clinic Tests Free To State Residents

The University of Missouri-Columbia Speech and Hearing Clinic wishes to remind the staff and faculty that it offers complete hearing evaluations to any resident of the state without cost. For appointments, call 449-9775 or write to the Clinic at 1356 Parker Hall.

Poison Plant Described, Its Treatment Listed

The call of the great outdoors sometimes ends with an itchy rash and blisters, caused by contact with poison ivy. The number of persons suffering discomfort after exposure to poison ivy is greatest during the summer. However, the plants are more likely to be moving about in poison ivy areas during summer, says L. E. Anderson, Extension weed specialist. Poison ivy plant can be poisonous all year long.

THE SURE WAY to avoid a case of poison ivy is to recognize and avoid the plant. In Missouri poison ivy exists as a vine or shrub. Leaflets are usually a glossy green and have one of three types of margins — smooth, toothed, or slightly lobed.

There’s an old saying, “Leaflets three, let it be.” This is good advice concerning poison ivy. The leaflets always consist of three leaflets. However, leaves of other plants also appear in groupings of three, Anderson advises.

FLOWERS AND FRUIT of poison ivy are borne in clusters on slender stems that originate in the axils or angles between the leaves and woody twigs. Berrylkike fruits usually have a white, waxy appearance and are attractive to birds. The white or cream-colored clusters of berrylkike fruit are significant identifying characters, especially after leaves have fallen. The fruit line, the seeds in a peeled orange, mark outer surface of poison ivy fruit.

ALL PARTS OF THE poison ivy plant are irritating to the skin. All parts of the bush which come in contact with poison ivy should be washed with soap and water. If the irritation becomes serious, a doctor should be seen.

The clothing worn at the time of exposure should be washed thoroughly and separately before wearing again. Where is poison ivy likely to be found? Nearly anywhere, says Anderson. It will grow in woods, on exposed ground, and on the plains. It will not grow where soil is damp or dry, along fences, or in hedges.

ALTHOUGH POISON IVY plants can be controlled by hand chopping, the best way is to spray it with a herbicide. Anderson recommends amino trizole. It is sold under the trade names Aminol or Weedazol.

Four Physical Plant employees have recently completed requirements for the electricity apprentice program conducted by the University in cooperation with the International Correspondence Schools. Seated with their diplomas certifying them as journeymen electricians are from left: Jerry Nilson, Richard Lewis, Kenneth Kintner and Jimmy Little. At the end of the table kneeling from left are supervisory personnel Claude Fisher and Emmet Sappington, both foremen of the Physical Plant electric shop. Standing from left are A. W. Thorpe, Medical Center plant engineer, and Lowell St. Clair, supervisor of mechanical trades.

Safety News and Views:

Eyes, Hands Victims Of Job Carelessness

Eye injuries are among the most tragic of all accident disabilities, and hazards to which can be sighted if found even in an office. It’s often the office or work place clown who causes eye damage, sailing paper airplanes or shooting rubber bands. He’s sorry as can be when they land in a fellow worker’s eye.

But miseries unguided by human hands have a way of finding eyes too. Rubber bands can break, snapping toward the face. Pencils and pens kept point-up in containers and other sharp points can jab the eye of a person bending over a desk.

Papers handled at eye level are also dangerous, not to mention the sharp corners on filing cabinets, file baskets and sundry other office equipment.

Chemicals used in the office can splash into the face and eyes. Pour them slowly and take first-aid measures quickly if a mishap does occur.

What are the first aid measures? Particles that find their way into the eye should be washed out, not probed with the corner of a handkerchief. If rinsing with water doesn’t remove the object, call or go see a doctor. Never try to remove imbedded particles, and avoid rubbing the eye.

A cut or scratched eye should be tended only by a doctor. Cover the injured eye with a clean pad to keep the eye lid from moving. Then call the doctor.

If an irritating liquid such as a solvent splashes in a person’s eye, it should be rinsed out immediately. Quick action with clear running water can often prevent serious damage. If an eye wash fountain or sink attachment isn’t available, use a drinking fountain, wash basin or even the faucet in the janitor’s mop sink—any facility near at hand. Continue rinsing for at least five minutes. Be sure the eye lid is held open exposing all the affected tissue to washing. Of course a doctor should be seen as soon as possible after the washing.

Fingers and hands do the work around an office, and are the most injured part of the body in office accidents. Even a skilled typist can only hunt and peck with one hand at a time.

Run-of-the-mill actions such as opening and closing drawers do much of the damage. There’s a very simple right way (Continued on Page 6)
Area Can Dial 91.3 for KBIA-FM

KBIA-FM radio station, designed to utilize all educational and research resources on campus, will begin broadcasting March 27. A one-hour test program from 10 a.m. to 11 a.m. is planned for the opening week.

The non-commercial station, which will make public service announcements but accept no advertising, will expand to 5 p.m. to midnight schedule beginning April 3 and continue to 1 a.m. schedule beginning May 1.

The broadcasting promises to be different, instead of repetitive playing of the "top 40" musical selections, more classical music will be incorporated; public affairs programming will feature experts in various fields, with many of the programs having "phone-in" questions from listeners. The regular schedule will include National Public Radio live hearings and debates as well as afternoon programs utilizing specialists from home economics, extension and other departments from UMC, again with some phone-in questions. These programs will concentrate on contemporary music and campus news.

W. David Dugan Jr. as general manager has been on the job for nearly two months, ironing out problems with CBS in New York. He is co-anchorman and reporter for "This is New York," Peabody award-winning dry goods producer for the Public Broadcast Laboratory. Before he joined CBS in 1957 he was in the newsrooms in Bradford, Pa., and Erie, Pa.

In one sense the new radio station will be "educational" in that journalism and speech students will be involved in utilizing broadcasting and programming shows. In the traditional sense, however, the station is not planned as an educational facility to provide credit courses for its listening audience.

"However, every department of the University is interested in engineering the radio audience," Dugan said. "We hope to use this expertise in an interesting way for our campus audience. It will be a controversy that will seek listeners to present, perhaps even to debate, their differing views."

In addition to the music and discussion, the programs will be news-oriented, with news provided by KBIA reporters, the Associated Press, CBS news, and National Public Radio. For information on the station for this week and the future can be found on the 91.3 spot on FM radio dial and will have an effective radiated power of 100,000 watts, a strong signal up to 80 miles. Ultimately it will join FM stations on the Kansas City, Rolla and St. Louis campuses that will bring non-commercial transmissions to some 75 per cent of the state's population. The Kansas City station is to be erected in the Civic Center by St. Louis University, and application has been made for funding of the Rolla operation.

The listeners will be located around the campus, with the main studio on the fourth floor of Jesse Hall; the transmitter and all equipment which carries the signal to message; and satellite studios at the School of Journalism, where newscasts and many discussion programs will originate, the College of Agriculture and home economics, medicine. Other studios are planned in Whitten Hall, Stanley Hall and Read Hall.

The unusual feature will permit the station to transmit three programs simultaneously, but two of them will only hear one. The third channel will be heard by listeners in the four areas of the campus.

Police Professionals Have Big Job

(Continued from Page 3)

sonnel have completed. We hope to have our supervisory personnel go through the same academy training in the next session to be held this summer," says Mason, feeling it is advisable for all his men to have been exposed to the same information and field work, though it may seem a bit repetitious for them.

"Possible changes for our academy in the future may include more simulation of stress situations. Municipal police get used to stress much sooner than campus police because they're exposed to more of it. Handling alternating stress and boredom must be a goal of our training for younger men."

Mason continually tries to size up campus police for their effect upon his department. "The new Multipurpose Building will bring larger crowds to Columbia just as the basketball tournaments do. We will find ourselves with more traffic congestion, crowds and many visitors. It will strain our manpower but we must work to make such events safe for the University community and visitors alike.

Varied Booklets Solve Common Problems

Four handbooks available at the University of Missouri are described as "bargains" by Richard Phillips, Extension agricultural engineer. The four handbooks are: "Housing Handbook," MWPS-16; "Horse Handbook—Housing and Equipment," MWPS-17; "Housing and Construction Guide," MWPS-12; and "Private Waters," MWPS-14-

Phillips describes the housing handbook as "a major new resource publication." It is the result of 10 years of research and field work in areas of housing, including all types of homes from log shacks to sprawling homes. Phillips says the handbook helps make correct decisions when planning water systems as well as finding and correcting problems in existing systems.

Information in the publication on housing and equipment for horses includes a planning section to help the reader understand some of the problems like code regulations, site selection and housing choices.

Information also includes sections on housing, construction and materials.

Copies of handbooks on housing and horses are $2 each. Copies of the other two are one dollar each. Three percent sales tax must be added to purchase price.

Orders should be addressed to: Extension Agricultural Engineer, 200 Agricultural Engineering Bldg.

The handbooks are published by Mid- West Plan Service, an organization involving specialists from 13 universities including UMC.

Recipe of the Month

OATMEAL DROP COOKIES

1 cup Mix
1/4 cup sugar
1/4 cup oatmeal
1/4 teaspoon cloves
1/2 teaspoon cinnamon
1 egg
3 tablespoons water
1/4 cup chopped raisins

Stir together the mix, sugar, oatmeal and spices. Add the water to the egg. Mix liquid and dry ingredients well. Add nuts and raisins and stir. Drop onto a greased cookie sheet and bake at 400 degrees for 10-12 minutes. Makes two dozen.

Write up a Southwest edition, containing all instructions plus recipes may be obtained free from the Extension Division. Write or call University Extension Publications, B-8 Whitten Hall, 459-9717. Single copies are free; for more than one, the cost is 20 cents apiece.

SAFETY BRIEFS

Since World War II, accidental deaths of workers on the job have decreased 14 per cent, reports the National Safety Council in the latest (1971) edition of "Accident Facts."

Off the job, 1970 deaths exceeded the 1945 total by 45 per cent, but with an increase in the number of workers the rate was down 10 per cent. The ratio of off-the-job deaths to on-the-job deaths in 1970 was 2.9 to 1.
A Service Station For "U"

Work proceeds on a bus for handicapped students. Shown is bus driver Harold LaRoe. When a school break comes up, the handicap buses go in for repairs. Two drivers do all the driving for handicapped students. Buses have been specially modified to accommodate wheelchairs and have power lifts at the front doors. Emergency exits have been altered in size and location. Norman Ashlock, assistant to the superintendent of the Physical Plant, wrote the specifications for the handicap buses.

There are mail trucks and cars, garbage trucks, Extension cars that go all over the state, street clearing vehicles, dump trucks, delivery vans and others — all used by the University. But what happens when these vehicles fray a fan belt or need a 20,000 mile check-up?

A staff of 21 full-time men are prepared to receive vehicles — ailing or just in need of maintenance work — at the University Garage adjacent to the General Services Building just off Stadium Boulevard.

The garage is a complete service station and mechanics set-up. No money changes hands; accounts are charged by means of IDOs. All University vehicles have their state safety inspections done here. Lowell Ritter, transportation supervisor, keeps close track of the records on University vehicles; along with his other duties, he is also responsible for deciding when the useful life of a vehicle is over. Cars stay two years or 30,000 miles. Trucks are longer-lived and are traded only when they start to cost too much to maintain. Ritter has been with the University eight years and was with Ford Motor Company in various capacities for the 29 years before that. He notes that a similar stability is evident among his men since employee turnover at the garage is very low.

The building is relatively new, the garage operation in it since 1963. Well organized and spacious in design, the garage has gas pumps, parts shop, new and used tire storage, billing and files office, welding shop, four-stall mechanics line, front end alignment pit and a double wash rack. It also has locker room and shower facilities for the mechanics' use.

Facing the camera is Lowell Ritter, supervisor of transportation, who manages activities at the garage. He visits with Ed Eichelberger, standing in the pit where front end alignment work is done.

From left, mechanic Raymond Jones, mechanic's helper John Simpson and bus driver Ed Eichelberger give their expert attention to ailing vehicles.
Job in the Spotlight

Grill Cook Enjoys Job, Students

He knows students' eating habits, politics, personal problems and what they think of the University. Former student still breaks in but now visits the campus — but this doesn’t surprise Herb Bruner, grill cook at Brady Commons’ Berkey Dining Hall.

“My mother and father both told me,” Herb says, “that I should never meet a stranger in case I would treat everybody alike.” And with a philosophy like that, no wonder Herb knows and likes so many people. He has been at Commons since shortly after the building was put into use and before that he was at the Memorial Union — sixteen years altogether working for the University.

“I’ve seen lots of students come and go. They’re all real good friends of mine,” Herb says. “When I’m not busy they come in and talk to me for maybe fifteen minutes at a time. Sometimes they drop in and talk to me in the kitchen when I’m eating lunch. I hear about their love life and all kinds of problems. Some talk to me like a brother. They should be telling it to someone else but they tell it to me instead.”

AFTER SO MANY YEARS as a cook (he also cooked and did janitorial work at Western College, Fulton, before joining the University) Herb is proficient in all kitchen areas. “I can fill in anywhere in the kitchen as my boss is off work or if I need to handle a special job. I do anything here and there.”

But it’s the counter work Herb seems to like best. When asked about the most popular grill items, Herb replies, “Tenderloins! Those and Bengal burgers are our best sellers. Big hamburgers fill students up. Students eat more than they probably should; other things are used to; other kinds of foods. Our ‘Early Bird Special,’ a big breakfast of eggs, hash browns, juice and coffee, is a big meal. It is a real great because it doesn’t cost much. I’ve got lots of regular breakfast customers every day.”

“We serve lots of faculty also; as many older people as kids come in here. The older ones like the same things but they eat less than the kids do.”

WITH JUSTIFIABLE PRIDE Herb observes that his regulars prefer his cooking: “If they come in just after I go off duty or if I have to be somewhere other than at the grill, they tell me the next time, ‘Herb, I just didn’t get the meal I got when you were here!’ ”

He continues: “I like the kids I wait on. They’ve asked us what I believe about living long hair. I tell them it doesn’t bother me but people who work around food shouldn’t have it,” Herb smiles.

“I know a lot of kids when I worked at the Union. Kids who graduated when I worked there have come back and asked for me there. They send them over here and those kids come down to the Commons to see me again.”

Herb really is known far and wide. During football season some fans from Ohio stopped in the Lair and asked for him. They had heard of him from UMC students who had gone back home to Ohio and mentioned him to their friends.

GETTING ALONG WELL with students and faculty, he has been around for so long that when he retired, the University gave him a plaque. The plaque was a gift, but he also received a book and a letter. After talking to the kids, he usually signs the book and then says, “I like the people. I work for the people. I am glad I was here. I like the University.”

“Better,” observes Herb, “anyway I can help anybody, I help them — whether I get paid back or not. That’s just the way I am.”

HERB HAS A WIFE and two children: a boy, 14, and a girl, 8. “I like the University,” he says. “I didn’t want to be here long. The people I work for are real friendly and I want to stay with the University the rest of my time.”

There are a lot of people around who will be glad to hear that.

Lawn Beauty Improved

By Early Weed Control

The arrival of spring brings with it lush green lawns with few weeds. However, crabgrass, goosegrass and a variety of other annual grasses begin to germinate and become real pests as lawn growth slows during hot summer weather.

Spring is one of the best times to attack these weeds before they become established. Pre-emergence herbicides are materials that kill weed seeds as they germinate.

Timing is critical when using these chemicals. In mid-Missouri, application about April 1 is best. Generally, they may be applied any time between March 15 and April 15. The forsythia plant is a good indicator as to the best time of application.

Generally, apply these materials just before forsythias are in full bloom. Applied too early, the chemical may not maintain its effectiveness until seeds germinate. Applied too late, it will not kill already germinated seedlings.

Many effective pre-emergence control materials are available. Some are listed in the Horticulture Guide No. 6756, “Lawn and Turf Weed Control,” available from B-9, Witten Hall.

Most pre-emergence weed control materials are designed for use on established lawns. They might injure or kill the young grass of newly seeded lawns. In young grass, use a material containing sibualon.

Many products contain a herbicide for crabgrass control as well as a herbicide for broadleaf weed control of dandelions, plantain, knotweed and others.

Generally herbicides are most effective when applied as a liquid foliar spray. Granular types for use in a fertilizer spreader are safer and easier to apply and therefore have gained much popularity.

When using broadleaf weed killers around ornamental plants, the extreme care so materials do not drift to them.

One of the safest methods for applying broadleaf weed killers close to other plants is to use water bars impregnated with a material such as 2,4-D. This is best done before plants have started to leaf out in spring.

In spring, rapidly growing perennial plants such as ponies are very susceptible to weed killers. Applications should not be made close to them.

Some of the perennial weed grasses, such as Bermudagrass, quackgrass and nimblewill, have not yet begun to grow, but will soon be evident. No chemical herbicide can selectively kill these grasses. But, they may be spot treated with a non-selective material such as dalapon. This treatment will cause dead spots in the lawn. Four to six weeks will be required before regrowth.

Hand digging these grasses may be best for very limited spots. Patches may be covered with black plastic or other light material. Coverings should remain in place at least two months.

One of the best weed controls is a good, vigorous lawn. Proper mowing, watering, and fertilization are the best practices to reduce future weed invasion.

Advance Registration Deadline

Advance registration for the fall and summer semesters will take place between August 14 and September 6. Gary Smith, registrar and admissions director, has announced.

The pre-enrollment is limited to students currently registered and no advances registrations will be accepted from them after August 14, he said.

Currently enrolled students in the Graduate School must request a permit to enroll for the summer session before March 31. Graduate students currently enrolled will be issued permits for the summer session automatically.

Permits to enroll for the fall semester will be made to students currently enrolled. But students who desire to change divisions must do so by March 31. Transfer of divisions will be effective immediately for all students — except Business and Public Administration, Journalism, Law or Graduate School whose transfers will become effective in August, 1973, Smith said.

Advance registration packets, including schedule of courses and detailed instructions concerning registration, will be available in the ‘Deans’ office’ of the registrar’s office when the packets are available.

Statement of fees for the summer session will be mailed to local mailing addresses of students, and fees must be paid by May 15, or registration will be cancelled.

Statement of fees for the fall semester will be mailed to the permanent mailing address and must be paid by Aug. 2, or registration will be cancelled.

** Safeties Tribes **

The mileage death rate for motorcycle riders during 1979 is estimated to be about 23. This is deaths per 100,000,000 miles of motorcycle travel. Based on data collected from the Federal Highway Administration in 1970, the rate represents an increase over the 1969 rate of 21.

The motorcycle mileage death rate of 23 compares with the over-all motor-vehicle death rate of 4.9, which includes pedestrian and non-occupant as well as occupant deaths.
Intelligence tests, one of the major tools for the testing and placement of children in special education programs, are under fire — and from many directions.

The consequences of intelligence testing of minority group children was the focal point of a national conference held here recently. Sponsored by the College of Education, the Dept. of Special Education, the School of Law, the Missouri Law Enforcement Assistance Council and the University Extension Division, the two-day conference discussed the many aspects of intelligence testing, and alternative methods of testing.

"The issue revolved around the fact that many problems for the mentally retarded are populated in large number with minority group children. If the IQ tests are designed against white middleclass norms, then the validity of the tests must be questioned," Robert Harth, assistant professor in special education, and one of the coordinators of the conference, said.

"It seems intelligence tests have been overextended; they have gone on more meaning than was intended."

The issue has not only caused turmoil in special education programs, Court action has now added a new dimension to the crisis.

One of the major legal decisions involved the District of Columbia schools, where a district court ordered abolishment of the tracking system a method of grouping children into like intelligence classes. The Court declared that school practices and pupil placement procedures resulted in an unconstitutional denial of educational opportunity to many Negro disadvantaged children. The tests were based primarily on white middleclass experiences, and children with different backgrounds were placed in courses and programs below their abilities.

(Continued on Page 8)

Home Econ Offers New Scholarship

A new scholarship for the mature woman may be setting a precedent at UMC.

Believed to be the first offered with preference for a "woman over 30," the annual $300 award has just been announced by Columbia's Rho Alumnae Chapter of Phi Upsilon Omicron, national home economics honorary.

The scholarship will go to a woman accepted for study here in the School of Home Economics or in Home Economics Education. It is preferred that she be at least 30. She should have completed 60 class hours, the general equivalent of two years of college work; and be pursuing the four-year bachelor's degree. Selection will be based on financial need, scholastic record, statement of purpose and personal character.

Younger candidates and those considering home economics degrees more than the bachelor's will be given consideration if other qualifications are met. Applicants should be in touch by May 1 with the scholarship chairman of Rho Chapter, Jean Morrow, instructor in home economics education, 107 Gwinn Hall, or Veta Adams, assistant to the director of the School of Home Economics, 114 Gwinn. Both may be reached at 448-6331.

Morrow says the Chapter wants to encourage women to return to the campus, and finish their undergraduate home economics studies. "Many are able to contribute significantly to the field," she says. "They have leadership potential because they tend to have well defined personal goals, excell in coursework and exhibit a professional commitment."

(Continued on Page 8)

CAMPUS COLUMNS

UNIVERSITY OF MISSOURI-COLUMBIA

Vol. 3, No. 8

April 21, 1972

Retirements

Dorothy V. Nightengale, emeritus professor of chemistry will retire Aug. 31, having served 49 years with the University. She was named instructor in September, 1923, and research chemist in February, 1944. She became assistant professor Sept. 1, 1944, and associate professor Sept. 1, 1947. On Sept. 1, 1949 she was named professor of chemistry.

Bertis A. Westfall, professor of pharmacology, will also retire Aug. 31. He became associate professor Sept. 1, 1956, and was named assistant professor Sept. 1, 1957, and associate professor Sept. 1, 1942. He was named full professor of pharmacology Sept. 1, 1948. Westfall has completed 38 years teaching service to the University.

Thomas Botts, head track coach and associate professor of physical education, will retire Aug. 31 after 31 years here. He began Sept. 15, 1941, as instructor in physical education and assistant track coach. He was named head coach Feb. 1, 1942, and assistant professor of physical education, July 1, 1946. He became associate professor July 1, 1963.

Eugene Beck, driver for the Physical Plant, will retire May 18. He completes 30 years' service to the University as driver, having started in that capacity July 25, 1942.

Susanne D. Kanatzar, senior accounting clerk for the Physical Plant, will retire July 31 after 39 years service. She began here May 24, 1943.

Clifford R. Meeker, chief of party and professor of extension and agricultural economics, will retire Aug. 31. He completes 28 years with the University, having started as extension assistant professor Sept. 1, 1944. He was promoted to extension associate professor July 1, 1949. Meeker was appointed extension professor of agricultural economics (farm management) July 1, 1965, and extension professor and technician July 1, 1966. He became extension information advisor and extension professor of agricultural economics Feb. 16, 1968. Meeker was named extension information advisor and professor July 1, 1969, and chief of party and professor Sept. 1, 1942.

Ralph Baker, maintenance foreman for Housing, will retire Aug. 31 after nearly 36 years with the University. He started work here Dec. 17, 1946.

Harold Glenn Kemper, carpenter III for Housing, will retire May 4 after 25 years here. He started work April 21, 1947.

Claude W. Weldon, assistant foreman in the Agriculture Dean's Office, retired March 31 after 12 years here. He started April 1, 1960.

Georgia C. Gray, clerk typist in Alumni Activities, retired Jan. 1. She had started work here May 28, 1960.

Meta W. Hult, nutrition supervisor for Student Health Services, will retire Aug. 31. She began work for the University Nov. 1, 1969, and has completed nearly 12 years of service.

Earl Colvin, farm worker II for the department of agronomy, retired Dec. 1, 1971. He had completed nearly 11 years with the University, having started work March 31, 1960.

Maggie L. Coleman, food service worker IV for Housing, will retire May 14 after more than 28 years' service. She started here Sept. 26, 1951.

Meta C. Nett, bookkeeper for Student Health Services, will retire Aug. 31. She began work here Aug. 28, 1940, and has completed nearly 34 years of service.

Mary O. Krenz, secretary to the Controller, will retire Aug. 31. She started work here Oct. 1, 1944, and has completed nearly 27 years of service.

Memorial Day Holiday May 29

Memorial Day will be observed this year on Monday, May 29. All University offices will be closed. Arrangements will be made to carry on all services which cannot be temporarily suspended.

The Business Policy and Procedure manual incorrectly lists this year's Memorial Day observance as May 30.

Rowena P. Miller, nursing attendant for Student Health Services, will retire July 4 after 29 years' work here. She started July 4, 1942.

Lavin attendant for the Medical Center, Reba Sapp will retire June 29. She started here Feb. 18, 1967, and completes 15 years employment.

William Stephenson, distinguished journalism research professor, will retire Aug. 31. He was named distinguished research professor of advertising Sept. 1, 1958. Stephenson was named distinguished research professor of advertising Sept. 1, 1958. Stephenson was named distinguished research professor of advertising Sept. 1, 1958. Stephenson was named distinguished research professor of advertising Sept. 1, 1958. Stephenson was named distinguished research professor of advertising Sept. 1, 1958.

Lillian C. Reading, food service worker II for Housing, retired March 31. He completed nearly 14 years with the University.

William L. Turner, laboratory mechanic for mechanical and aerospace engineering, will retire Aug. 31. He started work here Jan. 22, 1960, and has finished more than 12 years with the University.

Elva Moore, administrative assistant in the Medical Center, will retire June 1. She completes 12 years here, having started May 23, 1960.

Frederick L. Foshee, food service worker I for Housing, retired March 31 after nearly 12 years here. She started work Sept. 9, 1960.

Clyde Dick, power plant machinist for the Physical Plant, retired Feb. 29 after 11

(Continued on Page 6)
Speech, Hearing Combines Roles

Joe has a problem. He is ready to enter kindergarten, but relates to people very well. His problem? No one can understand the words he says. His parents, knowing this would make school very difficult for him, look for help. Like parents of thousands of other children have, they turn to the University’s Speech and Hearing Clinic, located in Parker Hall.

The Clinic, established in 1958, is dedicated to dealing with wide variety of hearing and language, as well as speech, difficulties. Its operations combine two essential functions for center: to train students as qualified personnel, and providing services for Missouri citizens.

These services include both diagnostic and remedial help. The program works with people of all ages, and because the training program is part of the University, fees are waived for all state residents.

“We’ve worked with everyone from a two-week-old baby born with a cleft palate, to an 80-year-old man, who had both hearing and language difficulties,” Charlotte Wells, director of the program said.

“Of course, we didn’t actually see the baby, but worked with the parents, who took courses to help them plan their child’s future betteer. We never lack for variety around here,” she added.

Dr. Wells outlined the usual procedure for treatment of a child who is directed to them for help. “Generally, our services are referred by family physicians, specialists, school officials, welfare workers, or perhaps the parents have heard about us from friends. Our first step is to establish as much information about the child as we can, both about their problem and about their family environment. We schedule a diagnostic conference to observe the child, using all the available testing material to determine their language and hearing abilities (or speech). Then, if we are able to help, we admit them for remedial service, and see them at several times a week. Both the students and our qualified staff members work with our patients,” she said.

The Clinic utilizes many different media to treat a child. One of the most popular is the Toby Theatre, a child-size puppet stage. The clinic presents songs at different volumes; the child hears the sound and pushes a button, the puppet stage comes alive with action. If the child doesn’t hear the sound, fails to push the button, the stage remains still. “This tool has been very useful in getting the information we need from small children,” Dr. Welle explained.

The Clinic in Parker Hall is actually one of 10 centers associated with the University in this area. Students trained at the School may work in conjunction with the Medical Center, the Woodhaven Learning Center, the School for the Deaf, as well as local public and private schools.

A frequently troubled theme to the Speech and Hearing staff is the stutterer or the stammerer. “We would probably see the child in these cases, but it is usually more important to see the parents. We expect that many children born with this pharse, while also searching for possible problems at home. The main thing we try to avoid is labeling something, that can affect him the rest of his life. Every problem we see is different, and must be handled,” she continued.

The Clinic offers year-round service. For the past three summers, a special program called “Learning and Language” has been held for school-aged children, who have been referred by school speech clinicians. These children often need intensive help with oral language to make school progress at a normal rate. Twelve to nineteen students participated in this program, meeting in group session two hours a day, four days a week, for six weeks. This summer, a new special program has been created to help with a different angle to their problems: instead of stressing language, aid will stress articulation, what Dr. Wells termed, “the most prevalent problem we work with.”

Along with this special seminar for clinicians who work with the program is held to provide them with the educational resources needed, for the best service.

Since a recent notice in Campus Columns that the Speech and Hearing Clinic was available to the public for hearing tests, Dr. Wells said they had been flooded with requests from young and old. “We’re very pleased with the response,” she smiled. “That’s what we’re here for, to help.”

Calendar of Events

LECTURERS, SPEAKERS
April 26: Pat Paulsen, comedian, to perform, 8 p.m., Jesse Aud. Sponsored by Journalistic Students Assn. Tickets on sale at Memorial Union, $1.50.
April 26: Parnassus Reading Hour: “Poet’s Living Room,” 4:30 p.m., 130 Fine Arts.
April 27: University Assembly Lecture: Professor Erich Heller, Northwestern University, to speak on “The Angel of Duno and the Poetic Problems of Modernity,” 8 p.m., Memorial Union Auditorium. Sponsored by the dept. of germanic and clavic languages.
May 3: Student Activities Speaker: John Kenneth Galbraith to speak, 8 p.m., Jesse Aud. Open to the public on space-available basis, priority to students, faculty and staff. Open reception following at Faculty-Alumni Lounge, Memorial Union.

CONCERTS, PLAYS
April 23: Spring Concert, featuring Women’s Chorus, Singsations, and Ms. Statesmen, 5 p.m., Jesse Aud. Sponsored by music dept. No charge.
April 28-30: Children’s Theatre Production, “Sir Alatain, the Arabian Knight,” to be performed. (See inside page for more information.)
April 27: Legion of Black Collegians presents the Stylistics in concert, 8 p.m., Livestock Center. Tickets, $1, at Memorial Union Ticket Window.
April 29: Student Activities Ethnic-Cultural Concert: Robert Pete Williams to perform, 8 p.m., Jesse Aud. No charge.
April 30: Concert: University Singers to perform, 3 p.m., Jesse Hall. No admission charge.
May 2: Student Activities Pop Concert: Elton John to perform, 8 p.m., Brewer Fieldhouse. Tickets, $3 (students), $4 (non-students), on sale at Memorial Union Ticket window.
May 4-13: 10-13: “The Boy Friend” to be performed by Stephens College Playhouse, 8:15 p.m., Stephens Playhouse. Tickets, $4-$2.50.
March 30-April 5: Exhibits: Stephens College BFA & AB students, Davis Art Gallery.
April 23: Student Activities Free Flecks: Rod Serling Film Festival to be shown, 2:30, 5:30, and 8:30 p.m., Jesse Aud.
April 25: Horace College Film Festival: “L’Adventura” to be shown, 7:30 p.m., Ellis Library Aud.
April 26: Student Activities Free Flecks: “Hunchback of Notre Dame” to be shown, 7 p.m., Jesse Aud.
April 27: Student Activities Foreign Film Series: “To Die in Madrid,” 7:30 p.m., Library Aud.
April 30: Student Activities Free Flecks: “Godfey Columbus” to be shown, 5:30 and 8:30 p.m., Jesse Aud.

May 2: Honors College Film Festival: “Before the Revolution” to be shown, 7:30 p.m., Ellis Library Aud.
May 8-31: Stephens Student Art Show, Davis Art Gallery.

CONourses, Workshops
April 27, 28: “Learning Disabilities,” sponsored by Continuing Medical Education, Memorial Student Union.
May 8, 15, 22: New Employee Orientation for non-Academic Service and Support Staff, 2-5 p.m., Employee Conference Rooms, 309 Hitt.
May 17: Missouri River Conference, sponsored by Missouri Water Resources Research Center. For more information, contact George E. Smith, 411 Clark Hall.

DEAdlines, OTHER Events
April 23-28: Journalism Week.
April 24: ACE / AAUP chapter of AAUP to meet, 7:45 p.m., S-204 Memorial Union. Topic will be “AAUP and Collective Bargaining.”
April 25: Deadline for signing up for the MSA Student Activities Travel Program for 203-Gwywnn Hall, featuring Costa Rican recipes.
April 28, May 5: Physics Open Day open to the public, (if clear weather), 8:30 p.m. Call physics dept. for more information.
April 28-29: Mo. Academy of Science to hold its annual meeting at Southeast Mo. St. College, Cape Girardeau. A highlight will be an environmental symposium at the afternoon of the 29th. Meetings open to the public upon payment of $1 registration fee. For more information, contact Robert G. Combo, associate professor of electrical engineering and bioengineering, 206 Elec. Eng. 4-1135.
April 29: College of Education Alumni Assn. Banquet, 6:30 p.m., Ramada Inn.
April 29-30: Student Activities Trip program: Camp Trip on the Current River. Cost, $10, including everything but food.
April 30: President’s Banquet honoring Prof. Samuel Wernberg, 6:30 p.m., Ramada Inn.
For more information, call Dean of Students, 449-9251, ext. 371.
May 6: Saturday, Classwork, Second Semester, ends, 12:30 p.m.
May 8: Monday, Final Examinations begin.
May 15: Monday, Second Semester, ends, 3:30 p.m.
May 16: Tuesday, Annual Commencement.

SPORTS
BASEBALL
April 28-29: Iowa State at MU
May 4-6: MU at Oklahoma State
May 14-16: MU at Oklahoma State

CAMPUS COL umnis
Campus Columns is published monthly except July and August for the information of all University of Missouri employees the current issue of Campus columns is edited under the supervision of the Office of Public Information in cooperation with Personnel and Business Offices. Contributions and information for this paper should be sent to 223 Jesse Hall at least one week prior to publication (Deadline is listed in the Calendar of Events). Office: 449-9211.
Editor: Margaret Bell Krausche
The University of Missouri
An Equal Opportunity Institution
Cameras, Action--at UMC Lab School

It's life, it's energy, it's vitality. It's kindergarten through high school, a full program of quality education for children from all over Columbia. Students are sons and daughters of both University and non-University people.

And it is called a lab school for good reason. As a channel for the best in current American educational practices as well as the most promising of current educational research, the school provides students with a wide variety of experiences.

And of course, it is the hub of the world to the student teachers and other professional personnel who often gain their internship experiences within the lab school walls.

Above, candidates for an upcoming student government election present their platforms to the students via closed circuit television. Monitors (left) for each camera allow the director to plan the show without being in the studio. Lab School instructor Robert Bartman, (below), watches intently, with all the emotion of a network producer.

It's life, it's people, it's education -- the University Lab School.
Pediatrics: Help for Children

In any overall view of what is being done for children by UMC, the pediatrics department at the Medical Center obviously rates immediate consideration. Visit Station 5 at the University Hospital outpatient service any weekday morning or afternoon and pediatrics becomes readily apparent.

Mothers, dads, or both, and children are much in evidence. A limited number of local children are seen in the hospital; a good number of others are currently in the community, simulating the hospital experience. The idea here is to provide regular care to these children to teach parents and pediatricians how to keep the baby healthy, how to manage the everyday problems of dealing with children, and how to conduct immunization programs and other aspects of the community practice of pediatrics.

But many more children are "problem children" from the medical point of view. They are children with any of the medical problems the human being can be expected to have with -- as well as those which seem to strike during the childhood years.

What is the procedure when a young patient is referred for his local physician for diagnosis and treatment? If the initial referral does not make apparent the specialty clinic the patient needs, then a general consulting will examine the child and make the determination. These weekly specialty clinics treat problems in hematology, endocrinology, metabolism, allergies, cardiology, gastroenterology, diabetes, and renal function and birth defects.

Naturally, emergency treatment is available on a 24-hour basis.

In the eventuality that a child has a seizure and it is desirable to make another electroencephalogram study.

Moreover, the parents were counseled about use of a state facility for the mentally retarded near their home which would reduce the number of long trips to Columbia. And Dr. Brooke asked for and received permission of the parent to send pertinent information to this Regional Diagnostic Center for the Mentally Retarded near Joplin for future use if needed.

Working with regional diagnostic centers, Columbia's Woodhaven Learning Center, and consulting with other specialists or clinics within the Medical Center are all part of a day's work for pediatrics personnel.

The cerebral palsy clinic is related to the neurology effort since cerebral palsy results from brain damage and involves muscular incoordination and speech disturbances. The C.P. clinic concentrates on helping patients with motor problems -- muscle control and coordination, walking efforts, etc. It includes the talents of pediatrics, orthopedics (correction of skeletal deformities), and psychological medicine.

Dr. Brooke is also medical director of the Woodhaven Learning Center, one of the few private residential schools for mentally retarded and handicapped children having such a close relationship with a medical school and hospital. Permanently, the Medical Center clinics provide medical care and participate in basic formulation of programs for children at the Learning Center.

Clinic Corrects, Treats Birth Defects

It can seem like a long day away from home for a baby seen in the birth defects clinic. It's hard for a restless baby to put up with examinations by specialists and consultants for seven or eight long hours but his parents realize the advantages the clinic offers their child.

The majority of birth defects treated by the clinic team involve congenital abnormalities of the brain and spinal cord, deformations which occurred at about four weeks into the fetus' development process.

One of the medical terms for the problems is hydrocephalus (termed "water on the brain," in which fluids normally bathing the brain do not drain off but instead accumulate, cause the skull to become enormously and exert damaging pressure on the brain). Another is spina bifida or "open spine" which takes several forms and generally results in some degree of sensory loss or paralysis. These defects tend to occur together, with other defects such as dislocated hips or other bone defects such as dislocated hips or club feet.

Specialists working on such problems include neurologists, neurosurgeons, orthopedists, medicine and urologists. They determine the need for surgery or other treatment and are involved in follow-up care, evaluation and counseling.

And each young patient has the benefit of any member of the pediatrics group of the Medical Center should it be indicated in his treatment.

The birth defects clinic is largely supported by the National March of Dimes Foundation and cooperates closely with the Missouri Crippled Children's Service.

Long though the day may seem for the child seen in this clinic of the multidisciplinary clinics, the time is well spent in reducing the need for frequent trips to Columbia and in obtaining a better, more efficient management of his health problems.

Much Help Available for Cleft Problems

About one out of every 720 children is born with some form of cleft lip or palate or both. Cleft means 'split or divided.'

A cleft lip is one in which the natural alignment has been disrupted. Such an imperfection usually involves the upper lip and results in distortion of one or both sides of the lip toward or into the nostril.

A cleft palate also includes a split or a division. Since the palate functions both at the roof of the mouth and the floor of the nose, a cleft may result in an open passageway between the mouth and the nose.

Any of these imperfections may result in a multitude of problems for the child, including alterations both in the child's face and his speech. Because of these multiple problems, the Missouri Crippled Children's Service is now drawing on all of its resources to helping these children. The Service is now the coordinating body in developing a tailor-made program of care for each child in Missouri with a cleft problem.

In close conjunction with the UMC Medical Center and its health specialists, the Service has developed a team approach, including plastic surgeon, dentists, orthodontists, prosthodontists, oto-laryngologists, audiologists, pediatricians and speech pathologists. All meet periodically to review progress and plan the next stages of treatment for these children. A program of surgery is planned to close the cleft and help the child look as close to normal as possible. The first operation is most frequently performed at about three months of age.

A concerned father keeps watch over his ailing son in the pediatrics clinic.
Although children begin to exhibit symptoms of certain genetic diseases at a young age, the diagnosis and treatment can sometimes be delayed. The problem is compounded when parents of the baby are unaware of their child's condition. The multiple problems associated with these diseases can include developmental delays, physical abnormalities, and intellectual impairments. The challenges faced by the young children and their families are many and complex, requiring a broad range of expertise and support. Some of the challenges include:

- **Genetic Counseling:** When new parents receive the news that their child will have a genetic condition, they face the daunting task of understanding what this means for their child and for their family. Genetic counselors provide support and guidance, helping parents navigate the complex information and decisions that come with a genetic diagnosis.

- **Medical Care:** Children with genetic conditions often require specialized medical care, including ongoing monitoring, surveillance, and treatment. This can involve multiple specialists, including pediatricians, geneticists, and other medical professionals.

- **Education:** Many children with genetic conditions require specialized educational supports to meet their unique needs. This may include adaptations in the classroom, additional teaching resources, and support from special education teachers.

- **Social Support:** Families of children with genetic conditions often face significant emotional and social challenges. They may need support from support groups, counseling, and other social resources to help them cope.

- **Quality of Life:** Children with genetic conditions may face limitations in their daily activities, which can affect their quality of life and their ability to participate in everyday activities.

These challenges require a coordinated and comprehensive approach, involving a multidisciplinary team of specialists who work together to provide the best possible care for these children and their families. The goal is to ensure that children with genetic conditions have the best possible outcomes, both physically and emotionally.
The elfin face is intent with concentration as the tiny, fragile hands painstakingly color-sort the bright plastic disks. Then the tense mouth curves into a triumphant smile as the hands come together in a gee-whiz clasp as the task is successfully completed. This "body-lot" constitutes the limit of communication for two-year-old Celeste. Her ears can "hear," but her brain cannot interpret what is being said in a meaningful, normal way. Hence, she is unable to acquire the sounds of speech.

At 7 weeks old, the delicate hands, now capable of completing simple tasks requiring small muscle coordination, could manage only random movements. This encouraging progress has been achieved since she has been a patient in the new Child Development Unit, jointly operated by the Child Psychiatry Section of the UMC department of psychiatry and the Children and Youth Center of the Mid-Missouri Mental Health Center.

CELESTE IS among pre-school children with unusual and severe developmental problems who are finding hope and help in this new unit which offers psychiatric services previously unavailable in the central Missouri area. A rich staff-patient relationship is key for these children, involving all aspects of their physical, emotional and social development.

Artie slouches in a chair as the group of teen-age boys gathers for a therapy session. The 16-year-old, withdrawn, alienated, is seething with pent-up anger which he will later release in the therapeutic outlet in venting-interchange with his peers in the weeks to come.

Artie is a participant in a new group therapy program for juvenile delinquents sponsored by the child psychiatry section and the Children and Youth Center in conjunction with the Boone County District Juvenile Court. Dr. James L. Chapel, associate professor of psychiatry (child psychiatry) and assistant director of the Children and Youth Center, is therapist for this group, while a juvenile officer serves as co-therapist.

At THE SAME time, Dr. Fernando Tapia, professor of psychiatry (child psychiatry) and director of the Children and Youth Center, conducts a group for parents of the young offenders. Another juvenile officer serves as co-therapist for this group.

This two-pronged approach to rehabilitation of juvenile delinquents is currently being tried for the first time in mid-Missouri. A series of such groups is planned, aimed at promoting understanding and improving communication between parents and children, as well as aiding the children in orienting their lives toward more socially acceptable behavior.

To reach as many juvenile offenders as possible, the ultimate objective of the program is to train juvenile officers in group methods. They will then carry on the work, with psychiatrists serving as consultants.

From infancy to adolescence, then, the emotionally-troubled youngster can find help in the wide range of services offered by the child psychiatry section and the Children and Youth Center.

OTHER SERVICES include consultation to a variety of individuals and agencies concerned with the welfare of children under 16; outpatient care (including evaluation and treatment); day-hospital program; after-care services; inpatient treatment; and community-based social work services.

Each of these categories encompasses a specialized service to a number of professional and para-professional personnel, including child psychiatrists, residential social workers, psychologists, psychiatric nurses, child care workers, child development specialists, occupational therapists, recreational therapists, speech therapists, education teachers, psychiatric nurses and aids. These experts make up the "treatment team," which plans and carries out the individual treatment program.

Direct psychiatric service is but one aspect of a triple mission to which the Child Psychiatry Section is dedicated. Education and research also stand out in the unit's efforts. The fact that this program is harbored within a University and a Medical School dictates its commitment to education. Scope of this education is broad, with recipients including not only the University students, psychiatric residents, mental health hospital personnel, medical students, social workers, non-medical professionals involved in mental health, and the public.

INVOLVEMENT in service and education inevitably leads to a demand for new facts, new ideas, new methods. Thus research that will eventually enhance the already-advanced psychiatric services available to children of the mid-Missouri area (including those of the University community) through the UMC department of psychiatry and the Mid-Missouri Mental Health Center.

New Reading Method Aids Children, Adults

"Reading is the basic tool an individual must have to function in society," says Miss Miluski. "For great many children and adults lack this basic skill; hopefully through our specialized reading program we can help both gain or improve their reading skills," says Ed Miluski, director of therapeutic recreation and mid-Missouri Mental Health Center.

The program, originated by Louisiana State University Dr. Charles Sheldrake, is the Alphabetonic Phonetic Structural Linguistic (APSL) approach to literacy. It was specifically designed to teach reading to a person of normal intelligence who cannot read because of some malfunction involving the eye or the eye and brain in combination or just the brain. However the problem is correctable by reteaching or retraining the physiological area involved.

The APSL method to teach reading is not just using the sound method, or the phonetic method, or the structural analysis of thought communication patterns, but a combination of all possible reading methods. Thus no useful approach is overlooked. "We found that the APSL method was extremely successful with our patients who had any kind of reading problem, and decided to expand our program to include any area citizens with reading problems," explains Miluski.

Volunteer tutors, trained by Mental Health Center staff members, work on an individual basis with students, either children or adults, enrolled in the program. Each student works at his own pace and progresses through the work-book-type lessons as he develops basic skills with his tutor’s assistance. "One of our tutors, a Stephens student from Kentucky, was herself a student in a similar reading program five years ago. She is an example of the program’s merit," continues Miluski.

Reading sessions are open to anyone just by making a phone call and paying a nominal charge. One group meets twice weekly at the Blind Boone Community Center. And another meets three times a week at the Mid-Missouri Mental Health Center. Anyone interested in more information or in enrolling for the sessions is urged to call Miluski at Mid Missouri Mental Health Center, 449-2511. MHHMC is a State Division of Mental Health facility with teaching ties to the University.

Retirements

(Continued from Page 1) years service. He started here July 25, 1961.

Robert J. Proctor, food service worker 1 for the University Dining Center, was on Aug. 31. He started work here Sept. 7, 1963, and has completed 9 years here.

Lloyd F. Lamb, professor of veterinary physiology, will retire July 31 after six years here. He started work here April 13, 1964.

LeClue Long, farm worker 1 for the Agriculture Department’s Office, retired Feb. 1 after 29 years here. He started here Oct. 1, 1964.

Joe W. Appleman, administrative assistant for the University Police, retired March 19 after more than six years here. He started work here Aug. 1, 1965.

Saul D. Largo, professor of veterinary physiology, will retire July 31 after six years here. He started here July 1, 1966.

Frances Brown, domestic attendant for Housing, will retire Aug. 31. She completes three years here, having started Sept. 1, 1969.

YMCA Summer Camp Offered

Swimming, hiking, caving, — things that make the summer fun for children, YMCA will offer again this summer these activities and more at their annual summer day camp. The camp will open June 12 and run through Aug. 4. Children who are to attend must be enrolled between the ages of 8 and 12 and will have to pay a weekly fee of $20 per week. This fee will have to be paid in advance. Children under the age of 6 will have to be accompanied by a parent or guardian. The fee will have to be paid in advance. The fee will have to be paid in advance. The fee will have to be paid in advance.

The camp is operated on an "open shop" philosophy. Under this, the counselors are offered a variety of activities which they want to do. The counselors are there to guide and supervise, in addition to maintaining the necessary safety limits. Crafts, dramatics, creative writing, field trips, mountain climbing, gardening, cooking, and a new study will all be offered to the campers.

Located about 12 miles from Columbia, the camp is situated on 1,000 acres in the country, which means lots of room for everyone. Milk is served everyday, with cookouts planned for Fridays. Other days campers should bring sack lunches.

Further information may be obtained from the YMCA, 449-0786 or Linda Herrick, 442-7814.
**‘Maude Squad’: Young Journalists**

Columbia has its own “Maude Squad.” It isn’t a trio of young police assistants like the one on ABC, but it is composed of young people.

Columbia’s “Maude Squad” is a group of journalism students from Hickman High School who regularly appear on KOMU-TV for a presentation of news analysis. The group gets its name from its leader and adviser, Maude Freeland, journalism extension editor at the University.

Maude Freeland works with students who select a different topic each month from something that has been in the news. They prepare an analysis on the significance of a certain news item and its effects.

The students appear on Channel Eight’s “Of Interest To Women” show once a month. Maude Freeland appears with them as moderator.

But this is only one of many activities Maude Freeland has organized as part of her work with youths of all ages in Columbia and surrounding area schools. For the past 15 years as journalism extension editor, Miss Freeland has been working with children and young people in journalism, reading, listening and writing for the media.

She comes into contact with from 10,000-12,000 young people each year in grades one through twelve.

“The job isn’t stable. It has to change form year to year and time to time, according to the current needs and interests of the students and the community we are trying to serve,” Miss Freeland said.

Miss Freeland’s work has a direct effect of supplying copy for the “Young Folks” page published in the Missourian. Students in various schools with whom she works write the stories and other pieces seen on the page each Sunday.

“You must satisfy newspaper readership and at the same time show the schools that you are adding something to their program by working with the children,” Miss Freeland said of this particular aspect of her work.

Miss Freeland has a threefold responsibility to the University. She must work

**Lab Program Mixes Culture, Nationalities**

Nearly 60 two, three and four year old children are attending the School of Home Economics Child Development Laboratory this year.

Families coming from all walks of life bring their children to the lab and contribute to the professional preparation of college students who observe and participate in the lab’s work.

Some parents are students, some are engaged in trade, business or professions, some are welfare mothers.

Little ones here from foreign countries may learn a new language from contact with others and the laboratory. For both the children and college students, mixed grouping of ages, family life styles and cultures lends to appreciation of individual differences and mutually supporting relationships.

Due to lack of space, the laboratory will enroll only 45 children next year—a small proportion of those whose parents want them to attend. Application will be accepted, but enrollment for the fall term is filled. For application forms, write Child Development Laboratory, Stanley Hall.

**UMC Psychological Clinic Aids Needs and Problems of Children**

The University’s psychological clinic is a resource for psychological services for Columbia and, not a small portion of its clients is children.

John Akamatsu, graduate student and assistant director of the clinic, says the clinic’s services to children can be divided into two categories: assessment and treatment.

We get referrals from the school system, physicians and the juvenile office,” Akamatsu says. “Those are our three main sources, but we are starting to get a few self-referrals.

“Then, too, we conceptualize our services for children as having two components: assessment or treatment. Often the assessment will suggest treatment here or elsewhere.”

Children served by the clinic range in age from four or five years through adolescence.

“Our scheduling is very flexible so as not to disrupt the child’s normal routine,” Akamatsu says. “Most of the children come in after school, or, evenings, if necessary. On occasion, we have gone into the homes.”

The clinic is staffed by advanced graduate students who are providing the services in the clinic as part of their training. Each student is supervised by a faculty member, who consults with the student in terms of the assessment of the client’s problem and the treatment provided for the client by the student.

The clinic is equipped with a play room for children that is stocked with toys and games to help put them at ease.

Costs for services at the clinic are minimal. A sliding scale fee system where the client pays according to his income is in effect, and Akamatsu stressed that even this could be suspended at times.

Further information concerning the services of the clinic can be obtained by calling 449-8296, or by visiting the office of the clinic at 100 Mckiefer Hall.

**Children’s Theatre Production Set**

The delights of a live production of “Sir Aladdin, the Arabian Knight,” will be performed for children April 27-30 at the University Theatre in the Fine Arts Building.

The performance, a children’s Theatre production designed, produced and directed by a children’s theatre class, is held in conjunction with the Columbia PTA Council.

Tickets are 50 cents, and may be purchased at the door before each performance, or from the PTA Council.

Six performances of “Sir Aladdin” are scheduled: April 27 at 7 p.m., April 28 at 4 and 7 p.m., April 29 at 10 a.m. and 2:30 p.m.; and April 30 at 2:30 p.m. For more information, call the University Theatre box office, 9-8292.
Job in the Spotlight:

Combs' Skills Aid Communication Problems

It's a double bind. You can neither speak nor write and understand muscular impairments. You vegetate in quiet desperation because you can't even communicate or express desperation to anyone.

Some people must live this way. But a faculty member at UMC is working on the problem.

Using his skills as a professor of electrical and bioengineering, Dr. Robert G. Combs is developing communication aids for children and young adults who cannot communicate in normal ways. In work at Woodhaven, Linn Co., Columbia, Mo., Combs and a team of Woodhaven staff have made some quiet progress.

His work begins with the tiny electrical signals, called myo-potentials, produced by a muscle when it contracts. A familiar application of such signals is the electrocardiograph which measures the myo-potentials produced by heartbeats.

Combs uses an armband electrode to send the signals to a battery-powered device which then converts them into audible beeps or flashing lights. Some of his "blue sky" thoughts on possible applications of the device include operation of power wheelchairs or automatic page printers but that will have to wait later.

Right now he is beginning work with Woodhaven psychologists and special educators to evaluate the device in a wide range of applications with six persons having various handicaps. One important application will incorporate myo-potentials in aptitude testing. He explains that the time dependency of most aptitude tests has resulted in measurement of the abilities of many who cannot respond in conventional ways.

"We believe, when the emphasis is on training rather than custodial care, the 'Myocym' system shows particular promise. Based on accurate and reliable measurement of a student's learning potential, the Center's educational program can be redesigned to fit his newly determined abilities.

Another application of Combs' work involves a girl named Carol. Three years ago, when the Woodhaven project began, Carol was 10. She had spent her life confined to a bed or a wheelchair, incapable of moving or communicating except with her eyes. Combs notes, however, that Carol could sometimes grasp objects with her left hand. With practice she became able to make a tight fist. The, using the myo-potentials produced on her forearm to operate an electrical beeper, Combs device enabled her to communicate. She could respond to specially-phrased questions with two different beep tones for "yes" and "no."

Last Christmas at the Boone County Sheltered Workshop, Carol worked as an inspector in the packaging of cellulose ribbon bows. She checked packages to assure that they contained the proper color bows, because some of the packages were colorblind. It was one of the first times she could actively contribute to her environment, Combs said, and her feeling of self-esteem reflected it.

"We haven't proved Einstein's theory of relativity or anything like that," Combs said. "It is fairly simple, straightforward engineering. There was a problem there, and we tried to solve it."

Others have taken note of Combs' "simple engineering." The American Legion Child Welfare Foundation, which gives $10,000 a year in support over the past two years, has renewed its support for a third year in the amount of $10,000.

Art and Archaeology Museum Fields Local Gap

"It's a long way to St. Louis or Kansas City," James Shelden explains when talking about the Missouri Museum of Art and Archaeology at UMC.

A hanging point is that the Museum can fill many of the "cultural gaps" that children in the Columbia area might feel with regard to art or archaeology.

The Museum is housed, primarily, in the fourth floor of the Elmer Ellis Library Building, although some exhibits and a cast gallery are in Jesse Hall.

The library exhibits are open to individuals between 9:45 a.m. (including Saturday and Sunday), but Mrs. Biers says that tour groups should make arrangements with several days in advance and that tours should be scheduled in the mornings.

"We prefer the morning tours," she explains, "because then the children don't get mixed up with our regular visitors."

All tour groups are by arrangement only. Mrs. Biers says that in the permanent displays are:

- A gallery of Greek art; a gallery of Roman art; and paintings from the Byzantine through the Renaissance.

Of course, many exhibits include permanent, others that are rotated — are to be found in the Museum. There are various temporary art exhibits, she says.

Presently on display is a group of sculpture from South and Southeast Asia. But with the kids, two things are really popular — an Egyptian mummy shroud and an Egyptian coffin. Of particular interest to the children, Mrs. Biers says, is the fact that the mummy has six toes on each foot.

Tours can be arranged by calling 449-9451 anytime during working hours.

Conference Discusses IQ Tests

(Continued from Page 1)

backgrounds tended to score quite low.

Further repercussions of IQ tests are the negative labeling termed "mental retardation," which may shape the educational future of the child.

The notion of the legal liability of the schools was also discussed in the conference. "Whether parents can sue a school" was a question of their child's constitutional rights is an important issue for educators as well as law enforcement. Hart explained.

Alternate methods of testing centered around "Pluralistic Assessments," as discussed by Jane Mercer, University of California. This method evaluates children not only on the basis of intelligence, but also by their adaptive behavior.

"Many children who do poorly in school do quite well adapting to the community. With this dimension, we have labeled 'mentally retarded' actually ar," Hart added.

Others have taken note of Combs' "simple engineering." The American Legion Child Welfare Foundation, which gives $10,000 a year in support over the past two years, has renewed its support for a third year in the amount of $10,000.

In This Issue:

Children: What UMC Does for Them

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

Second-class postage
paid at Columbia, Missouri

In This Issue:
VA Hospital Grand Opening Set for June 16

Grand opening ceremonies for the new Veterans Administration hospital are scheduled for 10 a.m., June 16 at the hospital. The event is expected to draw 2,500 to 3,000 visitors from all over the state.

Also attending will be a number of dignitaries and government officials from the federal, state, local, and University levels, as well as representatives of volunteer, service and veterans organizations.

The ceremonies will last an hour; main speaker will be Mr. Donald Johnson, administrator for the 187 VA hospitals. Among other high-ranking VA officials attending will be Dr. Marc Musser, chief medical director for the VA hospitals, and Dr. Thomas J. Fitzgerald, regional VA medical director. Head of Columbia’s facility is H. Monk, a UMC alumnus and a former University auditor.

After the 10 a.m. ceremony, visitors will be able to participate in conducted tours of the hospital, with refreshments served at the end of the tours.

The new VA hospital is affiliated with the UMC Medical School and the hospital will provide the best medical care available to veterans residing in the mid-Missouri area. In addition to medical care, research and educational activities will be conducted in the hospital. Joseph Kurzevski, assistant hospital director, stated that the Veterans Administration is now building its hospitals only where medical schools are located for several reasons.

LATTICE WORK FROM THE 1904 WORLD’S FAIR in St. Louis was a feature of the decor for Commencement, 1972, due to the imagination of Dick Dunn, assistant supervisor of non-technical trades at the Physical Plant. Assisted by campus shop foreman Hugh Barnes, Dunn had them placed around the platform in the Stadium and decorated with flowers arranged by Dunn and his assistants. The lattice work had originally been part of the University of Missouri’s exhibit at the 1904 Fair. They have been used indoors periodically for ceremonial occasions but was their first appearance at an outdoor event. Dunn notes that his men had an even bigger job this year than usual, since many more pre-commencement events required facilities preparation.

Technicians at work in the ultra-modern VA hospital laboratory have the advantage of a patient data bank at right, which contains complete information on each patient’s medical history, diagnosis and prescription treatment. A technician is seated at one of the computer terminals.

It works out well for both the VA facility and the local medical school,” he says. “We are able to obtain for our patients the best medical consultants available and a wide range of services from our allied health professionals. Relatively scarce medical specialties — for example, radiology and anaesthesiology — are readily available to our patients to provide them with whatever care their medical treatment indicates.

In addition, other sharing agreements between the VA hospital and the University Medical Center are intended to save money by avoiding duplication and getting optimum use from expensive facilities. Taxpayers will be glad to hear that, since it is so often thought that

(Continued on Page 2)

Service Awards:

William D. Poore, director of University-wide Personnel Services, has announced the initiation of a Service Awards Program for administrative service and support staff on all four campuses.

“The program is a significant effort to recognize the dedication of University employees beyond the pay which their labors earn them. Supervisors have in the past requested a special program to honor employees’ long years of service and this is our response to that recognized need,” says Poore.

After the first five years of service and every five years thereafter, employees will receive, during appropriate ceremonies, a certificate of recognition and a handsome jeweled emblem. Men will receive the jewelry in the form of a tie tack which can also be worn as a lapel pin. Women will receive the jeweled emblem mounted as a brooch.

The certificate of recognition will indicate the number of years of the employee’s service to the University and the

University Seeks To Recognize Employee Effort

WOMEN’S BROOCH (enlarged 3 times) carry a message of appreciation from the President of the University.

Poore says that on the basis of personnel records, emblems have now been obtained for all University employees completing

MEN’S TIE TACK (enlarged 3 times) the five-year plateaus. Each campus will make its own arrangements for awarding the service emblems during appropriate ceremonies

(Continued on Page 2)

Savings Bonds: Sign Up Now Says Payroll

The annual campaign to enroll University of Missouri employees in the U.S. Savings plan now is underway, according to Russell Cook, coordinator of special projects in the Office of the Vice President for Finance and Comptroller.

Cook said all employees received a payroll deduction card and information about the savings plan with their April checks. Employees wanting to participate in the plan should fill in the payroll deduction card and return it to the payroll office.

U.S. savings bonds are available for purchase in the following denominations, with the first figure being the maturity value and the figure in parenthesis the original cost:

- $20 ($31.70)
- $50 ($75.50)
- $75 ($113.25)
- $100 ($150)
- $200 ($300)
- $500 ($750)
- $1,000 ($1,500)

Cook explained that the maturity time for the bonds to reach face value is 5 years and 10 months, which makes an annual interest rate of 3 1/2 per cent for bonds held to maturity. The annual interest rate is lower for bonds not held to maturity.

The University has been participating in the U.S. savings bond payroll deduction plan since November, 1959. As of March, 1972, there were 731 University employees enrolled with savings of $13,862.15 per month.

Cook said payroll deductions for participants are made at the end of the month for employees paid monthly and on the second bi-weekly pay of the month for the

(Continued on Page 2)

Campus Columns Sent to Retirees

A link with their old jobs and friends on the job is being provided for retired University personnel. Campus Columns is now being sent to all retired academic, administrative and staff persons who were either

(Continued on Page 2)
CONCERTS, PLAYS
June 17: Prof. James W. Davis and the Cloud Specials to feature the “New Thing” in soul spirituals. The group originated folk-calypso spiritual music. 8 p.m., Peace Park. In case of rain, Brady Commons.

STUDENT ACTIVITIES SUMMER FLICKS
(These films are free to University students, faculty and staff and are shown at 7 p.m. in Jesse Auditorium, except for + films shown outside after dark at University Terrace and University Village.)

June 14: “Something for Everyone” starring Michael York and Angela Lansbury: A story of two families, of a decaying aristocratic family, and changes in their lives forever. Compared to his family, the Macbeths were just plain folks and the Borgia family was a nice Italian family. 

Jesse 7:25: “Magician” starring Max von Sydow and Ingrid Thulin. In this thinking man’s horror film, directed by Ingmar Bergman, a wandering magician with his bag of tricks turns himself into a savior, then to a con-man, and finally to an artist extra-ordinary.

VA Grand Opening Scheduled for June 16
(Continued from Page 1)

government is incapable of using tax funds efficiently.”

The VA hospital currently has 110 beds available for patient use; 80 more will become available in July, mounting to a peak capacity of 460 beds over the next two years. In a panacea of VA reality, which has been able to fill most of its available beds already, and has a daily census of over 90 patients, it seems impossible that the timetable for more beds to be moved ahead.

Kurzerjek points out that there are about 120,000 veterans living in the area served by the new VA hospital. He also notes that while nearly half of all patient applications received have been from World War II veterans, peak demand from this group is not expected to occur until the early 1980’s when they reach more advanced age. About 25 percent of patient applications to date have been received from Viet Nam veterans.

The VA hospitals give first priority to veterans with service-connected injuries and second priority to veterans honorably discharged who wish treatment for a non-service-connected medical problem.

The VA hospital here will eventually have over 1,000 employees; this summer the first group is expected to number 400. Annual budget for the hospital will be 11 to 12 million dollars, adding significantly to the local economy.

“Columbia is fortunate to have a young, highly educated labor force. This is partly due to the presence of the University which has trained many of them or drawn them to the area. We’ve been able to hire a particularly promising number of these individuals. And having worked in several VA hospitals, I can say that Columbia’s facilities and potential are the best in the entire VA hospital system. There are always problems and rough spots, but smoothed out,” he continues, “when two organizations such as ours and the University Medical Center — federal and state institutions, respectively — work into affiliated status. But I have been very pleased to see how readily people from both groups recognize the advantages of working together.”

“The outlook,” he concludes, “is very promising both for the VA hospital and the University.”

Bonds Available
Now, Says Payroll
(Continued from Page 1)
those paid bi-weekly. In any event, the purchase date appearing on bonds is the most significant date of the deduction, and interest accrues from that date.

Cook said those taking part in the plan receive the bonds from his office about a week after the deduction is made.

Bonds Available
Now, Says Payroll
(Continued from Page 1)

may be bought in various denominations and used at any time. Waco Savings and Loan Association, Waco Savings Bank, and Waco National Bank all offer these bonds.

Recipe
Of
The
Month

A spicily hot casserole that’s loaded with flavor is offered by Katie Kane, graphics artist in the Office of Public Information. While it can be eaten right away, I find it tastes even better as left-overs or served after being prepared a day in advance. That’s probably true of most spicy dishes.

Katie says she served a tossed salad with the casserole to complete the meal.

Sausage and String Bean Casserole
1 pound of sausage
1 cup whole green beans
1 cup sliced almonds
1 cup cream of mushroom soup
1/2 handful uncooked rice

Fry sausage till done but not brown or crisp; pour off grease. Add all ingredients and cook slowly 45 minutes. Put in casserole to cool. Reheat before serving to bring out full spicy flavor. Serves five.

LETTERS

Mildred R. Hunter, supervisor for the Fiscal Business Office, retires June 12 after nearly 24 years service. She began as file clerk Oct. 11, 1946, and was promoted to junior clerk in the Business Office, July 1, 1947. She worked in the Cashier’s Office July 1, 1951, and cashier, July 1, 1960. She became senior cashier July 1, 1963, and supervisor of records July 1, 1966.

Ira Nichols, painter III for Housing, will retire Aug. 19. He started work for the University 1943-44, and completes nearly 23 years’ service.

Paul L. Jones, foreman for horticulture, will retire Aug. 26. He started work Feb. 1, 1961, and completes nearly 21 years’ service.

Esther Griffin, personal assistant for President’s House, May 6, 1960, and completes nearly 17 years’ service.

Retirements

Eugene Lee Mitchell, food service worker for Housing, will retire May 31. He had started working here Sept. 15, 1958, and completes nearly 14 years for the University.

William M. Dares, admitting interviewer for the Medical Center, retired April 29, 1962, and completes nearly 28 years’ service.

Ruth Tremaine, food service worker for Housing, will retire May 31, after 13 years with the University. She had started work here Sept. 9, 1960.

Letha H. Mepham, food service worker for Housing, also retired, after 18 years, and completed five years with the University.

Dora Hufstader, food service worker for Housing, retired Feb. 28. She had started work here Jan. 18, 1962, and completed more than 10 years service.

Ella D. Leonard, nursing assistant for the Medical Center, retired April 21. She had started work for the University Feb. 6, 1962, and completed 10 years service.

Margaret Gum, maid for Housing, retired Sept. 26, 1971, and had completed more than six years with the University.

Fred Griggs, roofer II for the Physical Plant, retired Aug. 31, 1970, and completed 5 years with the University, having started Sept. 1, 1965.

Please Clip and Save

MEMORIAL UNION AND BRADY COMMONS
SUMMER SCHEDULE, JUNE 11-AUG. 4

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memorial Union Hours</td>
<td>Mon.-Fri.</td>
<td>7 a.m.-11 p.m.</td>
</tr>
<tr>
<td></td>
<td>Sat.</td>
<td>7:30 a.m.-9 p.m.</td>
</tr>
<tr>
<td></td>
<td>Sun.</td>
<td>10 a.m.-9 p.m.</td>
</tr>
<tr>
<td>Bengal Lair</td>
<td>Mon.-Fri.</td>
<td>7 a.m.-4:30 p.m.</td>
</tr>
<tr>
<td></td>
<td>Service</td>
<td>4:30-9 p.m.</td>
</tr>
<tr>
<td></td>
<td>No service Sat. or Sun.</td>
<td></td>
</tr>
<tr>
<td>Catereteria</td>
<td>Coffee Break</td>
<td>8 a.m.-3 p.m.</td>
</tr>
<tr>
<td></td>
<td>Lunch</td>
<td>11 a.m.-12 p.m.</td>
</tr>
<tr>
<td></td>
<td>Dinner</td>
<td>5 p.m.-6:30 p.m.</td>
</tr>
<tr>
<td></td>
<td>No service Sat. or Sun.</td>
<td></td>
</tr>
<tr>
<td>Hawthorn Room</td>
<td>Mon.-Fri.</td>
<td>8 a.m.-3 p.m.</td>
</tr>
<tr>
<td></td>
<td>Lunch</td>
<td>11:30 a.m.-1:30 p.m.</td>
</tr>
<tr>
<td></td>
<td>Dinner</td>
<td>5:30-7:30 p.m.</td>
</tr>
<tr>
<td></td>
<td>No service Sat. or Sun.</td>
<td></td>
</tr>
</tbody>
</table>

MEMORIAL UNION AND BRADY COMMONS
SUMMER SCHEDULE, JUNE 11-AUG. 4

MEMORIAL UNION AND BRADY COMMONS
SUMMER SCHEDULE, JUNE 11-AUG. 4

Brady Commons Hours

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mon.-Fri.</td>
<td>7 a.m.-11 p.m.</td>
</tr>
<tr>
<td></td>
<td>Sat.</td>
<td>7 a.m.-11 p.m.</td>
</tr>
<tr>
<td></td>
<td>Sun.</td>
<td>9 a.m.-11 p.m.</td>
</tr>
<tr>
<td>Snack Bar</td>
<td></td>
<td>Snack Bar: Same hours as for building, but service stopped 15 minutes before closing time.</td>
</tr>
<tr>
<td>Games Area</td>
<td></td>
<td>Games Area: Same hours as for building, except on Sun. when facility will open at 2 p.m.</td>
</tr>
<tr>
<td>Bookstore</td>
<td></td>
<td>Bookstore: 8 a.m.-4 p.m.</td>
</tr>
<tr>
<td>Closed</td>
<td></td>
<td>Closed June 28-30 for inventory</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Memorial Union and Brady Commons will close at 5 p.m. July 3 for the Independence Day holiday, and reopen on regular schedule July 5.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Job in the Spotlight:

Carpenter Doubles As Clockmaker

Memorial Union tower clock (above) and bell room (below l&r). After 17 years of sporadic operation by electric power, bells and clock coordinated on Feb. 29, "a day to remember," says Hinkson. "Of course, God made the first clock . . . and it's still the best one going."

The classification "carpenter" doesn't limit Willis Hinkson's talents to woodworking. Quite the contrary. Hinkson, who has worked for the University since 1964, is a jack of many trades.

Hinkson began his work for the University doing repair on campus buildings. In addition to fitting doors and putting in shelves, he replaced many old, unique windows which are irreplaceable by order.

"That kind of work really springs my imagination," Hinkson says in his quiet but enthusiastic voice. "It's harder than just putting in a modern type of window, but it's worth it to keep the buildings in their tradition."

Hinkson's love of tradition finds an outlet in his personal life too. Expanding on a childhood interest in clocks, Hinkson has developed an outstanding talent for clock-making and fixing. He keeps a pendulum swinging in the tool room of the carpentry shop at the General Services Building, where he now works. "Clocks really fascinate me," he explains.

To his credit is a clock which he totally made by hand, using cedar wood casing and run by weights.

"Many people call themselves clockmakers without ever having made a clock," Hinkson explains. "But I wanted to be the real thing, so I made one."

Hinkson has carried his talent one step further. "I found out they were taking bids to rework the tower clock at the Memorial Union. I just couldn't pass up the chance to work on one, so I offered to fix it. I figured I might never get the chance again." In six days, Hinkson had the clock working independently, after 17 years of sporadic operation by electrical power. Parts that he could not make in the tool room were ordered from Kansas City. The first day of coordinated operation by the clock and bells in the tower was Feb. 29, "a day to remember," Hinkson smiles.

The tower clock has become almost a friend to him. Hinkson has accumulated a vast knowledge of the history of the clock, as well as the history of clocks in general. His love is reflected in the care and patient work he puts in on every part.

Hinkson refuses all the credit. "Of course, God made the first clock, and it's by far the best," he says. "It took a lot of help from everybody to get this one going."

Hinkson's diligence at his hobby has resulted in an accurate timepiece for the entire University campus to enjoy. He's a handy man to have around.
Job Interviewer Recalls 17 Years

ESTHER GRIFFIN

What do you do when you retire? For Mrs. Esther Griffin, retiring from the Campus Personnel Office after 17 years with the University, the answer is simple. "I'm going to learn to be a housewife," she laughs, "although it will probably take me three weeks a month to settle down. It's impossible to shut out 17 years of my life, of course. I'll have to adjust to not sitting behind a desk."

Across the other side of Mrs. Griffin's desk have sat hundreds of applicants for secretarial and clerical positions at the Columbia campus. She has been in charge of all hiring for these jobs, with the exception of Medical Center employment.

"I've worked my way up from the bottom—literally," she says. "When I first began working for the University, my office was in the basement of Johnson Hall. I was in charge of staffing the cafeterias and dorms then. Things have changed a great deal; there were only six permanent dorms, four temporary dorms and four cafeterias back in 1955. Everything has grown so much.

Mrs. Griffin has had the opportunity to see not only the University grow, but Columbia with it. Columbia has been her home base since 1931. Her father was a professor of rural sociology here at that time.

"We used to play hopscotch in the unfinished half of Manfmond Hall before it was completed," she recalls. She also has memories of the present Personnel Office at 309 Hitt St.

"This building used to be an old church, which accounts for the stained-glass windows still here. I've been to weddings in the same area where my office is now."

As the University has grown, more students have meant more people and more problems, Mrs. Griffin feels. "But the University has grown with soundness in most cases. I think the administration has tried to broaden and develop the educational system with the utmost doing a good job of it. I don't expect it to blow away," she adds.

Mrs. Griffin has had a unique view of the job market over her years with the University, too. "Right now, the problem is that people are not moving; instead, they are hanging on to the jobs they have. This seems to be part of the total economic picture in the country, although we have more jobs right now than qualified applicants. This is due to the summer exodus of graduate students' wives, which we know and expect, since much of Columbia's population is transient. After all, education is our business here, and we must keep that going first."

For some of the years she did not spend in Columbia, Mrs. Griffin served with the American Red Cross Foreign Service in Australia from 1942-44. "I'd like to travel back to the places I've been and see them again in peacetime. Although my husband and I don't have any immediate travel plans, we do hope to visit some of our favorite places someday."

Mrs. Griffin has no worries about leaving her job. "I know my successors will have a good staff to work with. The organization here is very sound. Of course, sometimes this is a 'year-round' job like everything else, but things always have a way of working out."

"It's very rewarding to find yourself a small part of a success story like the University. I'm proud of my years here."

Director of Housing Harold Condron presented service awards May 17 to a group of employees in honor of their years of continuous service to the University. They are, from left: Sarah Smith, maid, 10 years; Lillian Hurstman, maid, 20 years; Ethel Bentley, lead maid, 10 years; Alfred Bentley, janitor, 20 years; Fannie Broadus, lead maid, 10 years, and Geraldine Nonnally, lead maid, 10 years.

Service Awards

(Continued from Page 1)

"For example," Poore says, "the Medical Center has traditionally held an annual dinner at which the services of its support staff were recognized. This year the Medical Center will be able to incorporate the awarding of the emblem into this event."

"We encourage each department to add the Service Awards to already existing traditions or to develop suitable ceremonies according to the wishes of departmental employees."
Two hundred sixteen University employees recently participated in seven-day-long employment workshops, the University's Equal Employment Opportunity program. The sessions, part of the University's affirmative action policy, aimed to educate University employees on the regulations and to gain active support for nondiscriminatory employment of minority group members and women.

Four of the sessions were held on campus and were attended by 144 UMC employees; the other sessions were University-wide and attended by 73 employees. All sessions involved both academic and nonacademic areas.

The importance of the sessions was underscored in remarks made by President Ratch and Chancellor C. Video tape, and by Chancellor Herbert W. Schooling who was present to welcome employees to the UMC sessions.

President Ratchford noted that the University had voluntarily developed an affirmative action program on its own. The University has long admitted racial minorities as students, he said, and is now acquiring a mix of races in employment.

"The University must be the conscience of minorities," said Ratchford. "Equal employment practices internally will show the way." He called on every employee to do his or her part to make the stated goals a reality as soon as possible.

Chancellor Schooling echoed Ratchford's call for a moral commitment to EEO principles: "It's something we should be concerned about whether or not the government has said anything about it."

Dr. Schooling observed that success had been achieved and that it had resulted in academic hiring of minorities because of the relatively scarce availability of qualified personnel.

Noting that government regulations require careful documentation of minority hiring efforts and responsible handling of such matters, he expressed his dedication to the spirit behind the regulations.

Among the names of a seven-person advisory committee on EEO for administrative service and support staff, Laurenz P. Harkness, campus personnel officer, outlined some of the areas the committee would deal with. In addition to Harkness, committee members include Richard Pipes, computer shift supervisor for the Medical Center; Jack Creacy, personnel manager for the Medical Center; Barbara Horrell, secretary for the department of pathology; Barbara McDougal, chief in the Fiscal Business Office; and James Beckett, assistant to the Superintendent of the Physical Plant.

The campus personnel officer is keeping records on how many minority group members are employed and in what capacity, and how women are employed in supervisory positions. The EEO committee for service and support staff will look into the areas of promotions, job specifications, employment tests and training opportunities relevant to employment of minority group members and women.

Harkness also discussed the extensive federal regulations governing EEO hiring procedures. Some of these include registering all openings with the state employment service, recording all efforts made to fill vacancies with minority group workers and developing reasonable timetables and goals to be represented in job categories, and women in supervisory roles.

Harkness emphasized his office's positive commitment to realistic goals which would bring significant changes in equal employment at UMC.

Edmund Ford, associate dean of faculties, outlined the areas of EEO compliance concerning employment. A faculty council on EEO is being formed and is working on hiring policies, he said. This academic council, Ford said, will analyze the hiring practices of each department and establish goals and timetables, which will be non-ministerial service and support staff, will be submitted to federal EEO representatives.

Asking that his university cast off shyness and participate in a frank discussion, speaker Sam Watson, in the first of two sessions with participants, outlined some of the minority employee's cultural background about which co-workers should have knowledge. Watson is president of Ebony Employment, a University-wide employment agency in Kansas City.

He discussed myths of racial inferiority and the pitfalls of racial and ethnic stereotyping as well as aspects of the quality of life in black communities. Noting that when America entered the Great Depression, jobs were created in order to have the most immediate effect of improvement, Watson asserted that "jobs are still the answer for economically depressed blacks."

In his second session before the group, Watson discussed working with the minority worker. "Support blacks when they get into a job position," he said. "Supervisors and co-workers often fail to be human and it's the little things that can make a difference in anyone's feeling of success. Let black workers get to know you. Take a sincere personal interest in them and their families. You would want to do with anyone you work with."

"Women and EEO" was Margo Patterson's topic. She is program coordinator of continuing education for women; Mrs. Patterson substituted for JoAnn Applegate, UMKC's assistant dean of continuing education.

Covering government regulations pertaining to the employment of women, Mrs. Patterson noted that government contractors may not use sex as a basis in employment on the basis of sex.

A booklet covering these regulations was distributed to participants. Can jobs be legally restricted to members of one sex? Yes, says the booklet, but only for reasons of authenticity in the case of actors, actresses and models; because of community standards of morality or propriety as in the case of rest room attendants, for example; or for jobs in the entertainment industry where sex appeal is an essential qualification.

What about the state protective laws prohibiting women from lifting more than 30 pounds? These, too, have been struck down, the booklet notes. Each woman has, as an individual, the right to decide for herself whether to take on a strenuous, dangerous or unglamorous job.

"As with minority racial groups, a number of myths and stereotypes about women persist," Mrs. Patterson observed. "All women are asking is that their talents be fully utilized. They want to be considered equally well by men for training, educational and salary opportunities."

University Sessions Promote EEO

Safety News and Views

July Fireworks Season Sparks Caution Note

The display of sight and sound known as fireworks has held an attraction for people ever since the invention of black powder. In its many guises, it has become the traditional suit of victory and peace celebrations.

Today, in their various forms and supporthing to the degree of danger — fireworks are restricted, banned and regulated into a confusing mess.

Each year it is estimated that more than 5,000 people are injured — some fatally — by fireworks. While federal law forbids the interstate transportation of hazardous (Class B) fireworks, people have managed to get around the law and sell fireworks in a black market consisting of selling fireworks. Others go to some place or state where fireworks can be bought legally. Even youngsters get into the act by buying from mail-order chemicals and fireworks formulas. Then they make their own.

The most common (Class C) fireworks are not included in federal regulations. However, in one study of injury-producing fireworks incidents, 42 per cent of the injuries were caused by Class C fireworks. The worst offenders in this were the Class C firecracker and the seemingly innocent sparkler.

Although most people consider the sparkler harmless, this device has caused severe burns, blindness, clothing fires and sometimes death. The sulfur-coated wire of a sparkler can reach temperatures ranging up to 2,000 degrees Fahrenheit. Even the afterglow can cause injuries to curious children as well as adults.

When celebrating the 4th of July this year, remember that fireworks are not toys. In their earliest form fireworks were weapons of war and their basic nature hasn't changed. Act accordingly, and your holiday celebration will be a safer one.
**Calendar of Events**

**CONCERTS, PLAYS**

July 14: Bastille Day Concert, featuring Judith Johnson with the Blue Grass Association, 8 p.m., Stankowski Field. In case of rain, Brady Commons.

**UMC SUMMER REPERTORY THEATRE**

(Call University Theatre, 882-3901, for play schedule and ticket reservations.)

Season runs from July 6 to Aug. 2.

Full repertoire includes: "The Taming of the Shrew," "A Streetcar Named Desire" and "Stop the World—I Want to Get Off!"

Ticket Prices are $2 for SHREW and STREETCAR, $3.50 for WORLD. Season tickets are $6 for all plays.

Performance Time is 8 p.m. in the University Theatre located at University Ave. and Hitt St.

**COLUMBIA COLLEGE DINNER THEATRE**

(Call Columbia College, 449-6551, for play schedule and ticket reservations by 4 p.m. of the night desired to attend.)

Season runs from June 27 to July 18.

Full repertoire includes: "I Do, I Do" (Swedish Meatballs), "Luv" (Chicken Cacciatorie), "Celebration" (Roast Round of Beef), and "The Drunkard" (Rocky Game Hunt).

Dinner is at 7 p.m.; play begins at 8:15 p.m.

Single tickets are $4.50 for dinner and play; season tickets for all four dinner theatre performances are $18.

**ARROW ROCK LYECEUM THEATRE**

— Arrow Rock, Mo.

(Call The Pen Point, 917 E. Bidgy, 449-4660, local box office for the Lyceum Theatre, for play schedule and ticket reservations.)

Season runs from June 28 to Aug. 1.


Single tickets: adults, $2.75; Sat. night, $3.25; children under 12, $1.25.

Theatre parties: to all matinees, Wed., Thurs., nights: 20 or more tickets, $2 each. Reservations required.

Matinees: Wed., Sat., and Sun.: 2 p.m.

Evening performances: 8:15 p.m.

Advance tickets (before July 2): 5 for $10. May be used for 5 performances or all used at one performance.

**ENTOMOLOGIST Has Advice on Tick, Chigger Remedies**

There are ways to prevent ticks and chiggers from marring the pleasures of being outdoors during the warm months. For tick control against chiggers, or to avoid ticks can be obtained by using mosquito repellent applied to socks, shorts, and shirt sleeves. It’s wise to “take nothing with you” by avoiding certain areas and noticing your skin carefully. Use insecticides that are effective against these pests. For tick control in lawns and recreation areas, use any of the insecticides suggested for chiggers. In addition, for tick control, six hours of 60 percent or more of 40 percent carbaryl wettable powder in 15 to 20 gallons of water per 1,000 square feet.

Apply spray to grass and brushy vegetation to a height of two feet. When large areas are involved, treat only along the paths rather than the entire area.

Use extreme caution when applying these insecticides around crops, grazing areas, or fish bearing waters, Peters warns.

July 18: "Civilization" Film Series: Part X, The Smile of Reason, to be shown, 7 and 8 p.m., 210 GCB.

July 19: Student Activities Free Flicks: "Petulia," starring George C. Scott and Julie Christie, an electrifying two people grasping for love, not being able to give or receive, it, 7 p.m., Jesse Auditorium.

July 20: "Civilization" Film Series: Part XI, The Worship of Nature, to be shown, 7 and 8 p.m., 210 GCB.

July 21: Student Activities Free Flicks: "There’s a Girl in My Soup," starring Peter Sellers and Golde Hawn, 7 p.m., Jesse Auditorium.

July 25: Student Activities Free Flicks: "Lost Horizon," starring Ronald Coleman, Jane Wyatt, Edward Everett Horton and Sam Jaffe. Won 3 academy awards in 1937, 7 p.m., Jesse Auditorium.

July 27: "Civilization" Film Series: Part XII, The Fallacies of Hope, to be shown, 7 and 8 p.m., 210 GCB.

July 29: Student Activity Free Flick: "Daddy’s Gone a-Huntin’" (Not for children), 7 p.m., Jesse Auditorium.

**DEADLINES, OTHER EVENTS**

July 4: Independence Day Recess for academic and non-academic staff.

July 14, 21, 28: Physics Observatory open to the public if clear weather, 9 p.m., Call Physics dept. for more information.

July 10, 14, Aug. 14, 28: New Employee Orientation for non-academic service and support staff. All employees should attend at least one session. 3:30 p.m., Personnel Conference Room, 309 Hitt St.

Aug. 4: Summer Commencement Evening.

Policy and Procedure

All full time permanent employees are included under the University Retirement, Disability and Death Benefit Plan. The University finances the entire cost of this plan. All benefits are granted only after five years of creditable service. After 10 years of service, employees 35 years old receive veterans’ retirement plan. Normal retirement age is 65; compulsory retirement age is 70.

Death benefits may be granted for total and permanent disability, after five years’ service, regardless of age. In the event of the death of an employee with five or more years of creditable service, benefits are granted to an eligible widow and/or minor children. Consult the Personnel Office for specific information.

In the event of the death of an employee after five years of creditable service, who is not survived by an eligible widow or dependent children, the lump sum death benefit is payable to an eligible designated beneficiary.

**Get Season Sports Tickets**

Employees are reminded that football tickets may be obtained any time of year at the ticket office in Rothwell Gym. Phone 882-4291.

A faculty-staff rate is available for a season ticket to all six home football games. It is the same as the student rate — $16.50.

There are three classes of season basketball tickets for the twelve home basketball games. The $14 class is for theatre-type seats in choice locations; a $30 class is for theatre-type seats in the corner of the Multipurpose Building; while a $16 class is for a bleacher seat near the top of the Multipurpose.

**Entomologist Has Advice on Tick, Chigger Remedies**

For tick control in lawns and recreation areas, use any of the insecticides suggested for chiggers. In addition, for tick control, six hours of 60 percent or more of 40 percent carbaryl wettable powder in 15 to 20 gallons of water per 1,000 square feet.

Apply spray to grass and brushy vegetation to a height of two feet. When large areas are involved, treat only along the paths rather than the entire area.

Use extreme caution when applying these insecticides around crops, grazing areas, or fish bearing waters, Peters warns.

**CAMPUS COLUMNS**

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

Office: 882-6211

Editor: Margaret Bell Kroschel

The University of Missouri
An Equal Opportunity Institution
Heat Stroke: Protect Pets This Summer

Each year heat stroke causes losses among farm animals and pets, according to Bonnard Moseley, UMC Extension veterinarian. Sudden temperature rises or moving animals to a hot climate frequently present these conditions. They have not had a chance to get used to the warmer temperature.

Some animals with circulatory or respiratory disorders due to heat or lung damage are more susceptible to heat stroke.

Excessive anxiety may bring on heat stroke in nervous animals penned or caged in small spaces. A water intake may be a contributing factor.

Saddle horses ridden for long distances on hot days may show signs of heat stroke, especially if they are not in good condition.

The UMC veterinarian says early signs of heat stroke are rapid breathing weakness, lack of coordination, and depression. Body temperature is usually 104 to 106 degrees F. or higher. The heart beat is greatly increased in rate and force.

The most practical treatment is to plunge the animal in cold water and allow it to cool off slowly. This is more effective than spraying the animal with cold water and placing him in front of a large electric fan. Ice packs applied to the horse's neck and chest, and cold enamis have some value.

Practitioners say animals must not be given additional fluids until the owner has been consulted. Additives to the diet should be prepared to provide additional fluids until the horse has regained its ability to digest the feed. This is a dangerous and uncomfortable experience. The horse should be returned gradually to exercise or work.

The practice of clipping long-haired dogs in summertime is likely to comfort the owner more than the dog, Moseley says. Clipping a horse in the summer will keep him somewhat cooler and much easier to keep clean and makes him look cooler.

Horse owners should keep their animals cool, and maintain water in a cool place. Horses need water to cool off after running or working.

Precautions during shipment include washing, or soaking, trucks and traveling during evening or nighttime hours. Maintaining animals in good health is also insurance against the effects of heat, Moseley concludes.

Campus Columns wishes to greet those who are new to the University. We hope you will be happy in your new jobs and we look forward to getting to know you!

Peggy E. Funk, stenographer for the Department of Philosophy, Church, clerk-typist II for the Department of Mathematics; Mary B. Seewoester, clerk-typist II for the Department of Biology; William L. Weiler, Jr., janitor for the Physical Plant; Eugene Thomas, janitor for the Physical Plant; Larry George Winter, maintenance man for the Physical Plant; Barbara Jean Gilmire, record clerk for the Administration; John S. MacKnight, agricultural maintenance worker I for the Agriculture Dean's Office;

Robert G. Doxon, equipment operator III for the Physical Plant; Deborah L. Reed, clerk-typist for Purchasing; Bonnie H. Wood, clerk-typist for Extension; James S. Beger, animal technician for the Space Sciences Research Center; John Lindell Martin, janitor for the Physical Plant; Charles R. Miller, food service worker II for Intercollegiate Athletics;

Sandra A. Lamski, stenographer for the department of rural sociology; William Junior Wade, janitor for the Physical Plant; Geraldine B. Killeen, clerk-typist II for Student Financial Aids; Thomas Lee Lattys, janitor for the Physical Plant; Melvin DeHart, janitor for the Physical Plant; Hetty Ann Coleman, food service worker III for Intercollegiate Athletics;

Sharon L. Sommers, secretary-stenographer for the division of biological sciences; Roberta Kline, secretary for the department of sociology.

Stiff Increase: Traffic Fines Go Up This Fall

An across-the-board fine increase for parking and traffic violations has been applied to student and staff parking. Students will become effective with Fall Semester, 1972. The increase was announced by Emmett A. Anker, UMC business officer. A fine schedule in the fine increase is recommended by the student-faculty Traffic and Parking Committee a year ago but was suspended after the August wage-price freeze. Left intact, however, was elimination of a student car registration fee of $3.75 for the school year. Faculty and staff are entitled to pay $2.50 monthly for parking permits.

First violations for illegal parking, improper driving and failure to remove registration certificate or parking permits from a motor vehicle when required now will cost transgressors $5—an increase of $4. This fine also will apply to subsequent violations. However, students obtaining additional citations will be reported to the traffic safety committee to the committee on student conduct for additional disciplinary action.

Other changes include: a fee of $25 (first violation) for the failure to display registration certificate or parking permit as required. In case of a second violation, the certificate of registration or parking permit must be cancelled and a new permit will be reported to the committee on student conduct for additional disciplinary action.

News in Sound Has New Centrex Number

The News in Sound, a recorded message carrying daily news about UMC, is now available at a new Centrex number. Dial News in Sound at 862-7869.
School... It's Everywhere!

"Schools?! Ugh! It's everywhere!!" That might be the initial reaction of the average ten or twelve year old impatient when he receives an invitation to attend the Medical Center's Hospital School.

"But actually, children attending a school within a hospital setting have fewer morale problems than if there were no school for them," says Karen Aslin, director of the hospital school.

"A hospital is frightening to children because everyone seems to be approaching them with a needle or bad-tasting medicine. The school tries to provide them with normal learning activities and emotional support."

"We don't wear white. And children know nothing painful is going to happen to them in the classroom. They are used to school at home and having that familiar aspect here can be very reassuring in a strange environment," says Mrs. Aslin.

Less than 200 hospitals in the United States have kindergarten through twelfth grade school programs — but UMC has provided this service for the young patients of its hospital since 1923 when it was started in the pediatrics ward of old Noyes Hospital.

Staffed by three degreed teachers trained in special education and accredited by the state, the school holds both regular and summer sessions. Mrs. Lolita McColley teaches grades one through three; Mrs. Aslin is instructor for the intermediates, grades four through six; and Mrs. Ann Riley has the junior and senior high school levels.

The school has an average of 15 young patients in attendance each day. One youngster attended the school for 318 non-consecutive days. The child, like many others, was an out-state resident who came in to the Medical Center for periodic treatment.

What kinds of physical problems do the school's students have? "Many have physical handicaps; some 12 per cent of the students over a year's time are diabetics because so much diabetes..."
Research and treatment goes on at the Medical Center, Mrs. Aulin states.

A typical day's activities include academics in the morning and art and music in the afternoons. A playground outside also gets frequent use from children whose medical problems do not affect their ability to walk and play actively.

Young patients are invited to join the school when they are no longer bedfast. "But," says Mrs. Aulin, "when children are in protective isolation, intensive care or confined to their beds, volunteers - students in special education - come over to give them private instruction. Our school provides many opportunities for training of special education students and undergraduate education majors.

"Our program here," Mrs. Aulin notes, "quickly teaches a teacher to be flexible. She never knows until the morning of each day who's coming down to school from the pediatric wards. She can't make very firm plans."

A new addition to the school this year is a nursery school program supervised by Mrs. Brenda Rose, a specialist in early childhood education.

Mrs. Aulin admits to some mixed feelings about students' progress. "Many of these children are from out-state Missouri where school facilities are not the greatest. We often wonder, after the attention they get in our school, what's going to happen to their progress when they go back to their home school."

Yet, Mrs. Aulin notes, "The children and the teaching staff like the school."

And when all progress must be measured against the limitations of pain, illness, injury, and handicaps, that statement means a lot.
Staffing Emergency Service
A ‘First’ for Girl Interns

Animals require emergency medical care the same as humans. Injured in fights, hit by cars, poisoned, or having difficulty giving birth, animals often need medical attention after regular veterinary clinic and hospital hours. The Hospital-Clinic at UMC’s School of Veterinary Medicine staffs resident interns and veterinarians who rotate on emergency duty to treat injured animals during emergency hours — 3 p.m. to 8 a.m. on weekdays and from noon Saturday until 8 a.m. Monday.

Resident interns answer telephone calls, assist clinicians on duty with emergency cases and check building security and patients in the wards during emergency hours at the Hospital-Clinic. Last week, Brenda Moore and two women veterinary students to be appointed resident interns, found that living in the clinic and performing these duties was not too large a job for a woman to handle.

During the spring semester, the two seniors, who graduated in May, lived in quarters on the second floor of the Hospital-Clinic and shared tasks as roommates and interns. Their average daily schedule was to lock the doors at 5 p.m., assist the veterinarians and students who are on duty until 8 p.m. if there was a shortage of help, answer phone calls, and make late-hour rounds to check locked doors and the comfort of the patients.

Most emergency calls come during the early evening, usually between 6 and 7 p.m., so the two women ate a late supper. Living quarters are equipped with a refrigerator, an electric skillet and a small, portable electric oven for cooking meals. “We usually ate frozen dinners,” Miss Moore said.

When a call was received, the girls determined whether the case was an actual emergency and then contacted the clinician on duty if the animal was to be brought in for treatment. If the phone call did not describe a serious condition, advice was given over the phone for the animal’s care, and an appointment was scheduled with a veterinarian for the following day. Many calls were for general information on the care of animals or for an appointment to the Hospital-Clinic.

Calls have been recorded and reviewed in a daily log about dogs who ate cosmetics, sleeping tablets and swallowed bones. One was about a cat who couldn’t meow, while another had swallowed a needle. Once a pet lizard wasn’t moving, and the owner brought it to the clinic to find out whether it was dead or alive. Miss Votaw said that in one case, a male caller said that while his wife was making bread, their dog ate the entire bowl of dough. The couple was concerned because as the yeast rose, the dog’s stomach was expanding.

Emergency callers sometimes miskook the female voices on the other end of the line as secretaries and ask to speak to the intern on duty. Once the girls identified themselves, they had no problem with people hesitating to speak to a woman intern.

Other than on weekends, the students were rarely alone in the building since a cleaning crew is always there at night and a watchman makes regular rounds. The only time one girl was ever really alone was on the weekend when the other left Columbia on her day off.

Living in the Hospital-Clinic didn’t bother the girls. Both said they grew accustomed to the activity and noise in the building during the day. The lack of privacy didn’t seem to be a problem either. “The other students got used to seeing us occasionally walk down the hall in hair curlers,” Miss Votaw said.

Both interns had had difficulty explaining where they lived to friends outside the Veterinary School. “They thought they’d reached the wrong phone number when they called and the voice at the other end of the line said, ‘veterinary emergency service,’” Miss Moore said.

Know Your University

The site of many a festive student wedding and a place of quiet contemplation for members of the University community, the A. P. Green Chapel has been in use since its dedication in October of 1959. It is nondenominational and open for use by anyone affiliated with the University. The beautiful little chapel was made possible by a gift of $85,000 from the Allen P. and Josephine B. Green Foundation of Mexico, Mo. From the Memorial Union’s operational surplus was added $30,000 for additional construction and furnishing costs.

Mr. Green was a graduate of UMR with a degree in civil engineering. He built a small fire brick plant in Mexico into a multi-million dollar industry before his death in 1956. Mr. and Mrs. Green were generous in their support of education, particularly in endowing scholarships, fellowships and research projects.

LeDuc’s Work Brings AAUW Nomination

“Do you think it’s going to rain?” is more than a conversational question with Dr. Sharon LeDuc. She works with weather probabilities, and that work has brought her a recent nomination for the recognition award for young scholars, a new award of the American Assn. of University Women (AAUW).

A research specialist in the UMC department of atmospheric science, she is concerned with such problems as weather influences in construction of roads and buildings, in crop growth and in influenza epidemics and on electric power loads.

She analyzes and defines the weather effects in their problems in mathematical terms. One form of definition is the "probability model," giving predictions using actual or simulated weather conditions on the computer.

Dr. LeDuc is one of several young women studying at UMC— all under 35—considered by a campus committee for the AAUW nomination. Committee chairman was Mersea Williams, associate professor of education and UMC corporate liaison representative to the AAUW.

Nominations for the award were made across the country by educational institutions which are corporate members of AAUW. Nominees were required to demonstrate great potential of achievement in a field related to one of four current study and action topics of AAUW. Dr. LeDuc's work was in the category of "the Beleaguered Earth," a topic concerned with environment. Winner of the $1,000 award will be announced in the summer issue of the AAUW Journal.

Referring to her research, Dr. LeDuc says, "What we would like to do is develop prediction ‘probability models’ so simple that a construction foreman could figure out each morning from available information—right at his desk calculator—what the day’s weather could be and how large a crew to call out.” She has been working on the project since 1971 with Dr. James McQuigg, professor of atmospheric science.

Dr. LeDuc is a native of Hattiesburg, Miss. Her father now lives in Paris, Ill. She received her bachelor of science in education in mathematics from Eastern Illinois University, Charleston, her master’s and doctoral degrees in statistics from UMC.

"I wanted to be a teacher and mathematics was my best subject. After I decided to go to graduate school, I became interested in statistics."

"Dr. McQuigg and I met at choir practice at the United Methodist Church. He suggested that I might like to apply statistics to some practical field in meteorology, and that’s how it began." said Dr. LeDuc. "I did my doctoral dissertation on cloud seeding experiments, using 13 years of weather records from Illinois. Artificially increasing rainfall in the records showed that a large part of the time, records would not show the increase because of the wide variation from year to year. Our recommendation was for more controls and knowledge going into the design of cloud seeding."

Dr. McQuigg, who recommended Dr. LeDuc for the nomination for the AAUW recognition award, says, "She has a very practical approach to things. She is competent in computer usage and unusually good at applying her research to practical problems." He adds that she is an excellent example of a woman combining home, family and career.

Both Sharon and her husband, Richard, can take their work home with them. A native of Tower Hill, Ill., he is manager of computer programming at the Cancer Research Center. The LeDucs have their own portable terminal. Much like a typewriter, it links to a computer through a regular telephone, and uses regular television set for a visual image of problems.

The LeDuc children, Brian, 4, and Philip, 2, were both born during internships between Dr. Sharon’s college classes, causing some comments among her colleagues about her skill in prediction.

Surrounded by charts, computer "printouts" and programs of her research in weather prediction is Dr. Sharon LeDuc, left, recently nominated from UMC for the "Young Scholar Award" of the American Assn. of University Women. She works with Dr. James McQuigg, right, professor of atmospheric science, on how weather predictions may be used in building and road construction, influenza epidemics and corn production.
Ridgeway IGE: Getting It Together

An entirely reorganized world of education will greet the young students of Ridgeway Elementary School when the doors of that school open for the fall term.

Ridgeway's teachers, administrator and parents have chosen to adopt the system of Individually Guided Education (IGE) for their school. Their choice is the first such school to do so in Missouri.

What's behind the fancy phrase, individually guided education? In simple terms, the child and his learning differences become the basis for instructing him, so that individualized instruction can be carried out for all Ridgeway children on a day-by-day basis, a systematic framework aimed to include the efforts of all teachers and administrators in the school.

A complete education program which provides for children's individual differences has much to recommend it. Children can proceed at their own pace, using learning approaches most suited to them. School hours need not be filled with frustration for either student or teacher, since the latter need not hold up reader students while working with others who need extra instructional help.

The IGE system is one of the programs developed by I-3-E-A of the Charles F. Kettering Foundation. This philanthropic group mainly concerned with quickening the pace of constructive educational change in America, UMC through the College of Education's Center for Educational Improvement (CEI) under the leadership of B. Charles Leonard, has entered into a contract with the Kettering Foundation to train public school personnel. Eventually UMC will work state-wide with elementary schools who are ready, willing and able to adopt IGE.

No radical, new or untried educational philosophy, IGE is already being used in more than 600 U. S. elementary schools serving several hundred thousand youngsters. A counterpart program is also being developed for use in secondary schools in the nation.

Dr. Frederick John Gies, assistant professor of education and associate CEI director, says that there were two forces at work in Columbia which made it the logical place to initiate IGE in Missouri. Aside from UMC's availability to introduce pilot educational programs into Columbia public schools, Gies notes the strong local interest in alternatives to traditional educational systems. He also cites the existence of the Columbia elementary curriculum council, a group of elementary and secondary school professionals who set down a system of beliefs and goals for which they felt the city elementary schools should strive. They then tried to create a workable existing program to fit the written philosophy.

The curriculum council under the leadership of Hank Steere, assistant superintendent for instruction, contacted CEI and learned of the Individually Guided Education program. "After extensive investigation and study," says the Columbia Board of Education, "we decided to get IGE going in one city school."

How does IGE work? Instead of traditional grouping of pupils by grade levels, youngsters are grouped on a multi-age basis. Groups vary in size, but not in number of teacher, but in number of teacher, but in number of

At the heart of the age-grouped, team-taught unit are the diversified teaching methods this organizational structure permits. The teaching team cooperates in providing each student with the type of instruction from which he learns best.

Generally, this means instructing pupils in large groups or small groups; one teacher working with a single student; one pupil tutoring another; or the student working independently with teacher help available, should it be required. These various instructional methods can occur at the same time because of the higher number of instructional personnel— including teachers and instructional and clerical aides—present to assist teachers and to relieve them of non-teaching duties.

Careful record-keeping is required with IGE, as teachers meet regularly and note the methods that work best with their students. Teachers regularly evaluate to see where pupils are, what the next goals might or should be, and then, whether students have arrived at those goals. Teaching methods and procedures are limited only by the creativity and imagination of the teachers involved.

Built into IGE is close cooperation between teachers and administrators. Leaders of units, with the school principal as chairman, meet regularly to discuss and resolve problems facing units—all part of the total school effort to make IGE work for the students' benefit.

IGE students perform as well or better than students taught within more traditional systems, according to national elementary test norms. But Gies, along with the developers of IGE, cautions that the program is not meant to solve all learning problems. Advocates believe it may forestall the early sense of frustration and eventual apathy many students feel at spending many non-productive and unrewarding years in the public school system.

Because the IGE system is a total school-wide effort, it requires the active cooperation of everyone involved in it. In fact, that's part of the story of how Ridgeway was chosen to be the pilot school for IGE in Columbia.

"Elementary principals were informed about IGE and polled for the strength of their schools' interest in being first as experimenter for IGE," says Gies. Dr. O. V. Wheeler, Ridgeway's principal, has been totally interested and committed from the first. He believed that Ridgeway's faculty would be eager to adopt the new system.

Ridgeway also has a more traditional style building which is undergoing some structural modification—making some rooms suitable for large group instruction, special areas for individual study, and so forth—in order to suit IGE instructional methods," Gies notes. "We felt that if IGE could be shown to be effective in the more traditionally styled school facilities, it could work even more readily in newer, contemporary structures."

But the most decisive factor was the depth of commitment among the faculty and administration of Ridgeway. The faculty was carefully briefed on IGE including the training, on-going training for teachers which is an important aspect of IGE. Participation in IGE must be enthusiastic, says Gies, if it is to succeed. For this reason, all Ridgeway teachers were given the option of transferring to one of the other elementary schools in town. Significantly, all chose to stay and are now deep in training and preparation for the opening of school.

The next step was eliciting the interest and cooperation of Ridgeway's parents, says Gies. After a briefing on IGE by Wheeler and the faculty, parents had the opportunity to ask questions about the program. They, too, were given the option of transferring their children to other city schools if they felt they preferred the more traditional educational system. Only three or four students transferred out while some 75 others opted in from other city schools to bring Ridgeway to full IGE operating capacity.

Things are "go" for Ridgeway students for the fall semester. During the spring semester a series of six workshops were held for Ridgeway teachers. An intensive two-week training program is planned for teachers before school starts. Parents will continue to be kept informed on the progress of IGE and their children.

Gies emphasizes that it will take a full three years to implement IGE in Ridgeway. "Teachers will focus on reading and math at the onset. As teachers and students begin to feel comfortable with IGE and are ready, outreach to other subjects will take place gradually. You can't make changes faster than the people involved are ready to make them," he cautions. "And the teachers are the key to change. That's the reason for the wealth of materials to train the teachers all along the line."

Over the next year, questionnaire-monitoring of students and teachers will take place at regular intervals to gauge the progress of IGE at Ridgeway. Thus, problems may be quickly remedied.

Communications for Ridgeway IGE teachers include a monthly newsletter, "The IGE News," a quarterly "The IGE Journal," and a quarterly "The IGE Roundup." The first one is due in September, the second in December, and the third in March. Sales of books and materials are made possible through the "IGE Book Fund Sales". The "IGE Book Fund Sales" is a voluntary activity which is the brainchild of the Ridgeway IGE teachers. They want Ridgeway parents to have the opportunity to purchase books and materials from their teachers and to have a chance to support the IGE system which is so exciting.

Educators who have worked together in implementing IGE in Ridgeway School, from left, are: Donn Gresso, research associate, CEI; Dr. Frederick John Gies, associate director, CEI; Hank Steere, assistant superintendent for instruction; Dr. John O. Wheeler, superintendent; Dr. Robert Show, superintendent of Columbia Public Schools; and Dr. O. V. Wheeler, principal of Ridgeway School.

ORGANIZATION OF THE RIDGNEY IGE-MULTIUNIT SCHOOL WITH 300 PUPILS

Columbia School District
RIDGEWAY EDUCATIONAL CENTER SCHOOL STAFF
Dr. Robert C. Shaw, Supt.

Intermediate Agency
CENTER FOR EDUCATIONAL IMPROVEMENT
UMC College of Education
Dr. Frederick John Gies
Dr. B. Charles Leonard
Facilitators

Edwards

UNIT A
1 Unit Leader
4 Teachers
Instructional Aides from UMC—and/or Clerical Aides
125 Pupils Ages
5, 6, 7

UNIT B
1 Unit Leader
2 Teachers
Instructional Aides from UMC—and/or Clerical Aides
75 Pupils Ages
5, 6, 7

UNIT C
1 Unit Leader
3 Teachers
Instructional Aides from UMC—and/or Clerical Aides
100 Pupils Ages
5, 6, 7, 8

=Instructional Improvement Committee
Solid Line Indicates Authority
Broken Line Indicates Advisory
Economic Education Center Teaches Teachers

Marketplace, U.S.A., is a medium size, urban, manufacturing community somewhere in America. Marketplace is an integral part of the program for UMC’s Center for Economic Education as it works with elementary and secondary school teachers to assist them in providing innovative learning experiences in economics for children in their classrooms.

The Center for Economic Education is under the direction of William C. O’Connor, assistant professor of economics. The purpose of the Center is to provide social studies teachers with a basic background in economic ideas and to be of some assistance in methods of introducing economics concepts into school curricula.

"It is possible to go into any study of social studies without studying economics," O’Connor said. "Economics permeates every facet of history. For example, the 19th century is almost totally monopolized by ideas. If you don’t understand the monetary theories involved, the whole study is not worth a continent." In addition to Marketplace, which is in fact an educational simulation game which provides the teacher and student with symbolized dynamics of the U.S. economic system, the Center shows children the benefits to be gained from specialization of labor through the taking of a gingerbread man. The principle of opportunity cost is developed by making a child realize that any expenditure from his allowance on a given item means he has to forego expenditures on other items he could have purchased.

The Center relies on institutes and seminars to relay these simple but core concepts to the teachers. One such in situ which is sponsored by the National Science Foundation allows teachers to earn six graduate credits by attending sessions of one evening per week for two semesters.

Now it is one thing to realize the importance of economics on a pre-college level. It’s another thing to make elementary and secondary school teachers realize it. O’Connor’s method is a case study in practical economics and superb marketing.

“We bring them in under different guise,” O’Connor said. “We tell them ‘We will pay you travel allowances, pay your fees and tuition and buy your textbooks and material. And, we will give you six hours of graduate credit for the two semesters.’ Since teachers generally are required to gain credits in order to progress within their systems, we can have no trouble filling the institute.”

In other words, the institute’s long run beneficiaries will be Missouri’s children. As O’Connor puts it, “We’re hoping to teach teachers how easy it is to teach core economic concepts in an interesting manner.”

People Who Like People:

Supervisor Regards Staff as ‘One Big Happy Family’

Supervising other employees can mean walking a pretty thin line. Mediating quarrels, obtaining and sustaining supplies and production, meeting deadlines, and handling other responsibilities are all part of the job. Rowena McClanahan, housekeeping supervisor for 10 University dormitories, doesn’t let any of that slow her down.

"Why, all I know is we are one big family," she says with her welcoming smile. "Some of my staff call me Rowena, some call me Mrs. McClanahan. They can call me anything, just so we stay friendly, and things go smoothly. Trying to keep everybody happy is a big part of my job."

If that’s the case, then she’s tops in her field, according to Mrs. J. C. Simmons, assistant director of housing. "It’s hard to describe how much everyone around here likes her and respects her calm, efficient manner." Mrs. Mac is one of the most beautiful people I know," Mrs. Mac has worked for the University since 1946, but she has been associated with the Columbia campus even before that.

"When I was a little girl, my aunt worked in the President’s house (now the Chancellor’s residence). I stayed there with her while I was going to school.

The biggest change I’ve seen in the campus has been its size. Now they’re closing Gentry Hall, and that makes me so sad. But I guess nothing remains the same for long."

Mrs. Mac doesn’t dwell on nostalgia, however. "I don’t have time," she laugh. "It always slows down around here. We’re always busy with something." She’s never too busy to smile, though. Christmas-time always means reminiscences from former employees and students who recall her special joy.

"We always tease her that they’re going to erect another column in her honor when she retires," Mrs. Simmons says. "If anyone are one no will need reminding that Mrs. Mac is "a real gem."

Recipe of The Month

CHOCOLATE FUDGE ICING
2 cups granulated sugar
1/2 cup cocoa
1/2 cup milk
1/2 cup butter
2 tsp. vanilla
1 cup sifted powdered sugar
Melt butter over low heat; add sugar, cocoa and milk. Bring mixture to a boil over medium heat and boil for 1 minute. Cool completely, then stir in vanilla and powdered sugar. This recipe will make enough for 1/4 inch icing on 12x2x2 cake.

Retirement Correction

The May retirement column carried a number of incorrect dates in connection with the retirement announcement of Dr. Dorothy Nighthengale, emeritus professor of chemistry. She will retire Aug. 31 after 49 years service to the University. She became assistant professor of chemistry Sept. 1, 1944, instead of Sept. 1, 1939; associate professor Sept. 1, 1948, instead of Sept. 1, 1947; and full professor Sept. 1, 1958, instead of Sept. 1, 1964. Campus Columns regrets that the information it received was incorrect.

Family Specialist Gives Advice on Snack Time

Most mothers worry about their children’s nutrition. What should one do when snack time rolls around. But, children’s snacks can be nutritious as well as enjoyable. Mac is not a problem.

Mrs. Marilyn Blossom, child and family development specialist, says that most small children are not built for a three-meal-a-day schedule. Their stomachs cannot handle what adults think of as a full balanced meal. So, snack time is an important daily event for them.

Mrs. Blossom, the mother of two, has found snack time can have many hidden benefits. It is usually a less busy time than mealtimes and it gives the child a chance to learn to follow directions and develop muscle control.

Suggestions for snack time are:

- Put snack foods in a way that children can reach them. Simple snacks are the best things to start with when the children prepare them. Spreading peanut butter on a cracker or putting cheese cubes on toothpicks can be difficult if first attempted. These fun-to-fix snacks should not require a lot of adult help.

- If you are interested in obtaining a list of nutritious snacks that children can prepare themselves contact University Extension Publications, B-4 Whittem Hall, 852-6517. Ask for Home Economics Guide No. 674, Some Food for Thought on Snacks. The Guide lists several recipes developed by Mrs. Blossom especially for children.
<table>
<thead>
<tr>
<th>Local identifier</th>
<th>CampusColumns1971-72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format</td>
<td>Newspaper</td>
</tr>
<tr>
<td>Content type</td>
<td>Text with images</td>
</tr>
<tr>
<td>Source ID</td>
<td>C:1/141/27 c-rg1-s46, Series 24</td>
</tr>
<tr>
<td>Notes</td>
<td>source text obscures &quot;L&quot; in St. Louis, unfixable (bottom left side of page above last paragraph. Pg 4 of March 24, 1972)</td>
</tr>
<tr>
<td>Date captured</td>
<td>March 2023</td>
</tr>
<tr>
<td>Scanner manufacturer</td>
<td>Plustek OpticBook</td>
</tr>
<tr>
<td>Scanner model</td>
<td>A300 Plus</td>
</tr>
<tr>
<td>Scanning system software</td>
<td>Book Pavilion</td>
</tr>
<tr>
<td>Optical resolution</td>
<td>600 dpi</td>
</tr>
<tr>
<td>Color settings</td>
<td>24 bit color</td>
</tr>
<tr>
<td>File types</td>
<td>tiff</td>
</tr>
<tr>
<td>Notes</td>
<td>Images cropped, straightened, brightened</td>
</tr>
</tbody>
</table>

**Digitization Information Page**

**Local identifier**

**Source information**

**Format**

**Content type**

**Source ID**

**Notes**

**Capture information**

**Date captured**

**Scanner manufacturer**

**Scanner model**

**Scanning system software**

**Optical resolution**

**Color settings**

**File types**

**Notes**

**Derivatives - Access copy**

**Compression**

**Editing software**

**Resolution**

**Color**

**File types**

**Notes**