

MIZZOU WEEKLY

The University of Missouri - Columbia

Sept. 11, 1981

State considers University budget cut permanent; Chancellor Uehling releases campus impact statement

The impact of UMC's budget reduction of 10 percent of state appropriations continued to make the news last week with two major announcements:

- A State of Missouri Office of Administration announcement last Friday made it clear that the University must consider the 10 percent reduction a permanent one; and
- Chancellor Uehling detailed the effect of the reduction on Columbia campus programs and supported a plan for granting modest mid-year pay increases.

On Sept. 4, the state's Office of Administration released guidelines to all state agencies, including the University of Missouri, for making budget requests for the 1983 fiscal year. Those guidelines noted that agencies should consider 90 percent of

the 1981-82 appropriations figures as their "Core budget"—clarifying the speculation that the state would indeed make the 10 percent reduction a permanent one in the University's state base budget.

Two days earlier, the chancellor outlined the short-term effects of the state reductions on the Columbia campus in a report to President Olson.

"It is important that we point out to the general public," Uehling stated after that report, "that UMC is still in business and serving students well. We obviously have problems—severe cuts have occurred—but we are still doing a good job of what we are doing."

As an immediate result of the state funds reduction in July, at least 47 faculty and 50 support staff positions will remain unfilled this year, according to the report sent to Olson's

office. In addition, 7 positions will remain unfilled at the library, and 50 graduate assistantships will be eliminated.

In non-academic units, some services will be cut, such as mailing pay checks to homes, and when possible, campus users will be asked to pay for campus services.

"The reductions will impinge on nearly every program on the campus," Uehling wrote. "The trauma of necessary adjustments is made more acute by the lack of planning opportunity for reductions and a campus enrollment that may be the largest ever. Campus units are being called on to do more with less."

The chancellor also recommended that mid-year pay increases be granted in order to salvage the morale of UMC's faculty and staff.

"I believe we must implement a mid-year increase," she wrote. "Without it, the progress in recent years in achieving appropriate salary and wage levels will suffer a setback that is too severe. Faculty, and particularly staff morale, will be damaged, and many of our best, and therefore our most mobile, faculty and staff may leave. The damage to program quality may take years to repair."

Without increases this year, faculty salaries will fall to the bottom of the Big Eight Conference Schools, and staff salaries will level off at about 30 percent below market value. UMC was the only school in the Big Eight Conference not to award salary increases this year.

The campus' support staff, particularly, are hard hit. With half of UMC's 5,000 staff making less than \$12,000 per year and one-third earning below \$10,000 per year, administrators say they fear that many staff members could not earn enough money to afford basic necessities.

Funds to implement modest mid-year salary raises are estimated at \$1.4 million this year. Funds for the increase would come from any available one-time funds and by cutting campus budgets an additional 2 percent.

Olson had requested that each chancellor submit campus impact statements to his office by Aug. 31. The president will present the four campuses' impact statements to the Board of Curators at their October meeting, and will also make a recommendation on whether to implement mid-year pay raises to UM faculty and staff at that meeting.

The effect of the \$7.26 million state reduction on UMC's general campus account is being offset by an expected \$4.62 million rise in non-state income, leaving the campus with a net reduction of \$2.64 million, or 2.6 percent of its budget—a reduction of \$2.9 million if increases in state-paid FICA costs are excluded.

(Earlier, *Mizzou Weekly* (July 10) had reported that the campus' net budget reduction amounted to \$3.1 million. That preliminary figure included a provision for mandatory increased costs, such as the increased cost for staff benefits due to a rise in participation and program costs.)

Cooperative Extension Service faces a reduction of \$284,000, but anticipated federal funding will offset that amount for a net reduction of \$183,000, or 3.9 percent.

And the Agricultural Experiment Station will fare somewhat better, according to the report. Although its reduction amounts to \$718,000, and another \$100,000 must be expended specifically for renovation and repair, the station expects an increase in non-state income of \$737,000 leaving a net reduction of \$81,000 or 0.7 percent.

"I continue to assess the impact of

Lowry Mall and dome work nearing completion

As workmen slowly inched bricks eastward last week toward the Memorial Union for the new Lowry Mall, renovation continued up above on the Jesse Hall dome.

Construction of Lowry Mall, a pedestrian link between the Red and White campuses, will be completed in phases as funds become available.

The University has budgeted \$345,000 for the first phase of the project, according to Vice Chancellor for Administrative Services Ria Frijters, with \$200,000 contributed from student capital fee improvement funds, \$75,000 from central administration 1979-80 year-end funds and \$125,000 from Columbia campus 1979-80 year end funds.

Funds from unspent balances at year-end can only be used for one-time expenditures, such as capital improvements. In addition, sometimes UM central administration matches funds for campus projects.

Completion of the first phase of the Lowry Mall project involves widening the sidewalks in front of Ellis Library, the Missouri Book Store and the Fine Arts Building. Eventually, the Mall will link up with Lowry Hall, and the one-block street will be transformed into a terraced, tree-lined plaza.

The design for the project was the end result of two workshops involving about 50 faculty, staff and students, held by architects from Carter Hull Nishita McCulley Associates from San Francisco and Tao Design and Associates, a St. Louis firm.

UMC has also budgeted \$225,313 to remove and replace Jesse Hall dome's ornamental metal work and to install windows and a new slate shingle roof. State capital appropriations for plant preservation provided \$173,825 of that amount, and \$51,488 came from 1979-80 campus year-end funds. The work is the first significant maintenance on the dome since Jesse Hall was built in 1895.

Work on both projects is expected to be completed by late October.



Construction on Lowry Mall, as viewed from Memorial Union.

(Continued on page 7)

Around the campus

FACULTY COUNCIL LAST WEEK EXPRESSED THEIR CONCERN REGARDING THE CAMPUS' BUDGET REDUCTION IMPACT STATEMENT (see page 1), according to David West, Faculty Council chairman.

West said that the council has requested the administration provide council members access to the deans' academic impact assessments prior to the council's meeting with the chancellor and provost Sept. 17.

West said that some members of council were fearful that:

- the chancellor had not fully reflected the degree of suffering many faculty and staff are currently feeling in the campus impact statement sent to President Olson Aug. 31;
- the administration was too willing to sacrifice additional open faculty and staff positions for marginal mid-year salary increases;
- the administration was unaware of the extent to which many faculty oppose further budget cuts to provide mid-year raises; and that
- the decision to provide mid-year raises appeared to be announced without sufficient consultation with the faculty.

Contacted this week, West said that council members felt they would be better able to understand the reports and pose more effective questions to the chancellor if they had sufficient time to study the dean's impact statements prior to the Sept. 17 meeting.

ABOUT 300 FACULTY OF THE COLLEGE OF ARTS AND SCIENCE decided by acclamation last Thursday to study 18 problems at the heart of the issue of whether to split the College of Arts and Science into two colleges.

The faculty gathered in Allen Auditorium last week in response to a petition signed by 10 professors. The petition requested that faculty endorse their opposition to the proposed split.

The idea of splitting the college arose this summer, when the idea was advocated by some science professors seeking better management and more freedom.

GIFT SOLICITATION FORM NOW REQUIRED—University faculty and staff who are seeking private funds for projects must now present a private gift solicitation form first.

Vice Chancellor G.H. Entsminger, who designed the new form, stressed that the purpose of the form is to assist in the total fund raising process, and not act as a detriment to obtaining funds. Entsminger said there was no formal procedure required in the past.

In outlining the advantages of the one-page form, Entsminger said the identification of the fund raising project will now require proper planning. Each proposal must be endorsed by the appropriate officials within each department to insure that the project is within the department's mission.

Entsminger said the forms will also help coordinate the various fund raising efforts throughout the University. If a similar fund request was made recently, a solicitor may be asked to postpone his or her request.

The new forms call for a more "sophisticated presentation," Entsminger said, which gives the request a better chance for ultimate approval.

A limited number of the forms were distributed throughout the University this summer. They can be obtained through the University Development Office.

KBIA PROUDLY ANNOUNCES their Second Annual Jazz in the Gardens Festival, 1 to 5 p.m., Sunday, Sept. 13, in the Shelter Insurance Gardens, 1817 West Broadway.

Plans for the festival include three

local jazz groups. Performing will be "The Jazz Lads," "The Contemporary Blues Band," and Mark Smith with Norman Jolly. Between sets KBIA will offer entertainment and free refreshments. The program will also be broadcast live over KBIA.

The festival was held for the first time in October of last year and drew over 1,000 listeners. The concert will be free and offers a chance for area jazz musicians and jazz lovers to help perpetuate this unique style of music.

LOBECK FIRES DEPARTMENT HEADS—Charles Lobeck, dean of the UMC School of Medicine, fired two department heads last week.

Lobeck asked for the resignation of Charles E. Mengel, chairman of the medicine department for the past 12 years, and David G. Hall, head of the department of obstetrics and gynecology for 19 years.

Lobeck has refused comment on his reasons for the dismissals, saying he did "not wish to discuss the details of these personnel actions."

Resident physicians in the medicine department staged a work slowdown and cancelled a walkout Tuesday to protest Mengel's firing.

Obstetrics and gynecology residents did not participate in the demonstrations at Hall's request.

STAFF COUNCIL REFINED THEIR SUGGESTIONS FOR INCREASED STAFF BENEFITS at the Aug. 27 council meeting. The council recommended:

- A fee waiver of University tuition for employee dependents. After an employee completes five years' service, a percentage of fees would be waived for his or her spouse and unmarried children under 23 years of age. Either a 75 percent unlimited fee reduction, or an incremental reduction, with 25 percent of tuition waived after five years' service, 50 percent of tuition waived after 10 years' service, and 75 percent of tuition waived after 15 years' service was suggested.

- Extend the Educational Assistance Program to include employees working 75 percent time. Currently, only full-time employees can receive fee reductions for classes.

- Increase amount of vacation time by 20 percent across the board.
- Change the spring break holiday to a floating holiday and add an additional floating holiday for employees, with both days taken at the employee's discretion.

- Increase from four to six the days of sick leave allowed for illness in an employee's immediate family.

- Recognize accumulated sick leave as adding the amount of service of an employee's retirement plan.

FALL ENROLLMENT

FIGURES—Opening day enrollment figures reflect an increase of about 500 students over a year ago, according to Registrar Gary Smith. UMC enrolled 24,316 students in the fall of 1980.

TODCOMP HELD ITS GRADUATION EXERCISES FOR THE CLASS OF 1981 Aug. 28, 1981. Exercises were held at the TODCOMP (Training of the Disabled in Computer Programming) site located 8 miles south of the UMC campus. Guest speaker for the ceremony was Jim Simpson, data processing manager for State Farm Insurance Company and chairman of the TODCOMP Business Advisory Committee. Simpson's topic focused on "Challenge the Future."

TODCOMP is a part of the UM Extension Division in cooperation with the department of computer science. Eleven students received Chancellor Certificates in Computer Programming at the fall exercises.

The TODCOMP graduates and their home towns are: Kenneth E.

Borkowski, Manning, Iowa; John J. Cody, Dubuque, Iowa; Paul L. Fisher, Columbia, Mo.; David Hagan, Savannah, Mo.; Charlene B. Harris, Springfield, Mo.; Effie E. Litzler, O'Fallon, Mo.; Robert R. Louderback II, Columbia, Mo.; Teruko Tsutakawa, Columbia, Mo.; Jeffrey R. VanDyke, Columbia, Mo.; James E. Wansing, Meta, Mo.; and Paul A. Wilcoxon, St. Louis, Mo.

RESIDENT PHYSICIANS LAST WEEK took their pay dispute with UMC administrators to Boone County Circuit Court.

The physicians, represented by an unincorporated house staff organization, sought a permanent injunction to force UMC to honor a June contract granting a 13.6 percent pay increase.

This increase was ruled non-binding by University officials after Gov. Bond announced a cut in state appropriations.

Defendants named in the application are Robert Smith, director of UMC's Hospital and Clinics; John Cochran, hospital associate director; UMC Chancellor Barbara Uehling; MU President James Olson; and the MU Board of Curators.

UMC CHORAL UNION invites singers to participate in this semester's events. Rehearsals are every Thursday, 7 p.m., in the Fine Arts Recital Hall. Everyone is welcome, especially tenors and basses.

The Choral Union will give two performances of Handel's "Messiah," and a performance of Christmas Prelude, including "Christmas Cantata," and "Songs of Joy" in December.

UMC CONFIRMS LIBRARY LOAN CONFIDENTIALITY—The library's policy states that circulation records are confidential. The library does not give to anyone the name of the borrower of a particular book, overdue fine information (except to the borrower) nor any information that might be construed as an invasion of privacy of the borrower.

The library routinely informs the campus fiscal office about money owed for overdue books in order to collect fines and the library director may, when circumstances warrant, divulge circulation information to appropriate campus officials.

"This has been our policy for years," said John Gribbin, director of UMC libraries. "This confirms that it is University policy and not just a library rule."

UMC PIGSKIN PRESCHOOL OPENS FOR HOME GAMES—For quality child care during the 1981 UMC home football games, individuals should consider the UMC Pigskin Preschool.

Students and faculty in the child and family development department of the University's College of Home Economics will care for children ages four weeks to eight years.

Programs open at noon on home game Saturdays in Stanley Hall. The school requests health and background information on each child and charges \$8 per session. Fees should be paid one week in advance; parents paying for all seven sessions in advance pay only \$48. Money from the school will be used by the department to sponsor field trips and speakers during the year.

To make reservations persons should contact: Jane Hunter at 882-4035.

OFFICE SKILLS DEVELOPMENT MODULE—"Putting You in the Office," will be held on Tuesdays and Thursdays from Sept. 15 through Oct. 1, 1 to 3 p.m. in the Employee Training and Development Conference Room in the lower level of Lewis/Clark Hall.

This 12-hour module is designed

specifically for entry-level office workers who have had little working experience at the University. Various University business forms, some communication procedures and techniques, including CENTREX, and other topics will be covered.

Other modules in the program to be offered later are: "Spreading the Word: Reprographics and Machine Transcription," 8 hours, "Dealing with the Paper Jungle: Records Management," 10 hours, and "Increasing Your Communicating Skills: Effective Business Communications," 20 hours.

Early enrollment in the program is encouraged since space is limited. To enroll a new office staff member, contact Mary Sheller, Office of Human Resource Development, 809 Lewis Hall, 882-4859.

PROGRAM BRINGS EMPLOYERS, STUDENTS TOGETHER—Local employers can expect more job applicants because a greater number of UMC students are seeking part- and full-time work.

"A lot of employers are telling me if they put one ad in the paper, they get 50 or 60 applications," says John Bazin, coordinator of the UMC Work Experience Program.

Employers can continue to deal with the hoards of job applications, or they can turn to the Work Experience Program, located in the UMC Career Planning and Placement Center, for help.

The program is a free and open labor market aimed at bringing employers and job-seeking students together. The Work Experience Program has posted more than 4,000 jobs for more than 400 local employers in its three and a half years of existence. It has also found part-time student employees for 70 UMC departments.

UMC RECEIVED A \$500 CERTIFICATE OF DEPOSIT from the First Bank of Commerce in Columbia last month. The University will receive annual interest on the certificate over a 25-year maturity period.

Richard M. Rathgeb, president of the bank, presented the gift to Stanley R. McAnally, assistant vice chancellor for development. The unrestricted fund was established to express the bank's support for UMC.

"The 25-year certificate was specially created for the University. It's the first time we've ever made this type of award," said Rathgeb. "We're pleased to have the opportunity to promote the Columbia campus in this way."

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MIZZOU PEOPLE

Metzen: Social Security program needs structural changes

Measures President Reagan has proposed to shore up the financially troubled social security system are partly on target for the long-term, says a University of Missouri-Columbia professor. But, says Ed Metzen, Reagan's proposals are overkill in the short-term and fail to come to grips with some real problems in the social security program.

The President's basic objective—to reduce pressure on the social security system—is on target, but without structural changes in the system, results will be short-term, says Metzen.

To place the social security system on a sound base, Metzen, chairman of the UMC department of family economics, proposes that:

- The age for retirement be advanced, with changes in the retirement age projected years in advance so people can plan accordingly.
- social security be unhooked from the Consumer Price Index (CPI) and indexed to the wage level of workers.
- the government institute a universal social security system and eliminate the possibility that civil service and military retirees could take advantage of the welfare component of both systems by double-dipping as is now possible.
- the welfare element of social security be financed by general revenue funds rather than the payroll tax.

"The social security system," says Metzen, "must come to be seen as an ongoing social contract between the able-bodied working age population and the elderly, disabled and otherwise dependent segments of the population.

"Retired people," Metzen says, "did not supply anywhere near the funds necessary to provide the kind of benefits they are receiving. If they had, the system wouldn't be facing bankruptcy." Current workers are supplying the support for dependents in society, whether they be retirees, dependents of deceased workers or disabled workers.

For this reason, Metzen says, the CPI is badly used. Social security payments, which increase with the CPI, do keep up with inflation, but, "wages of the people who are paying taxes to provide those retirement checks are not keeping up."

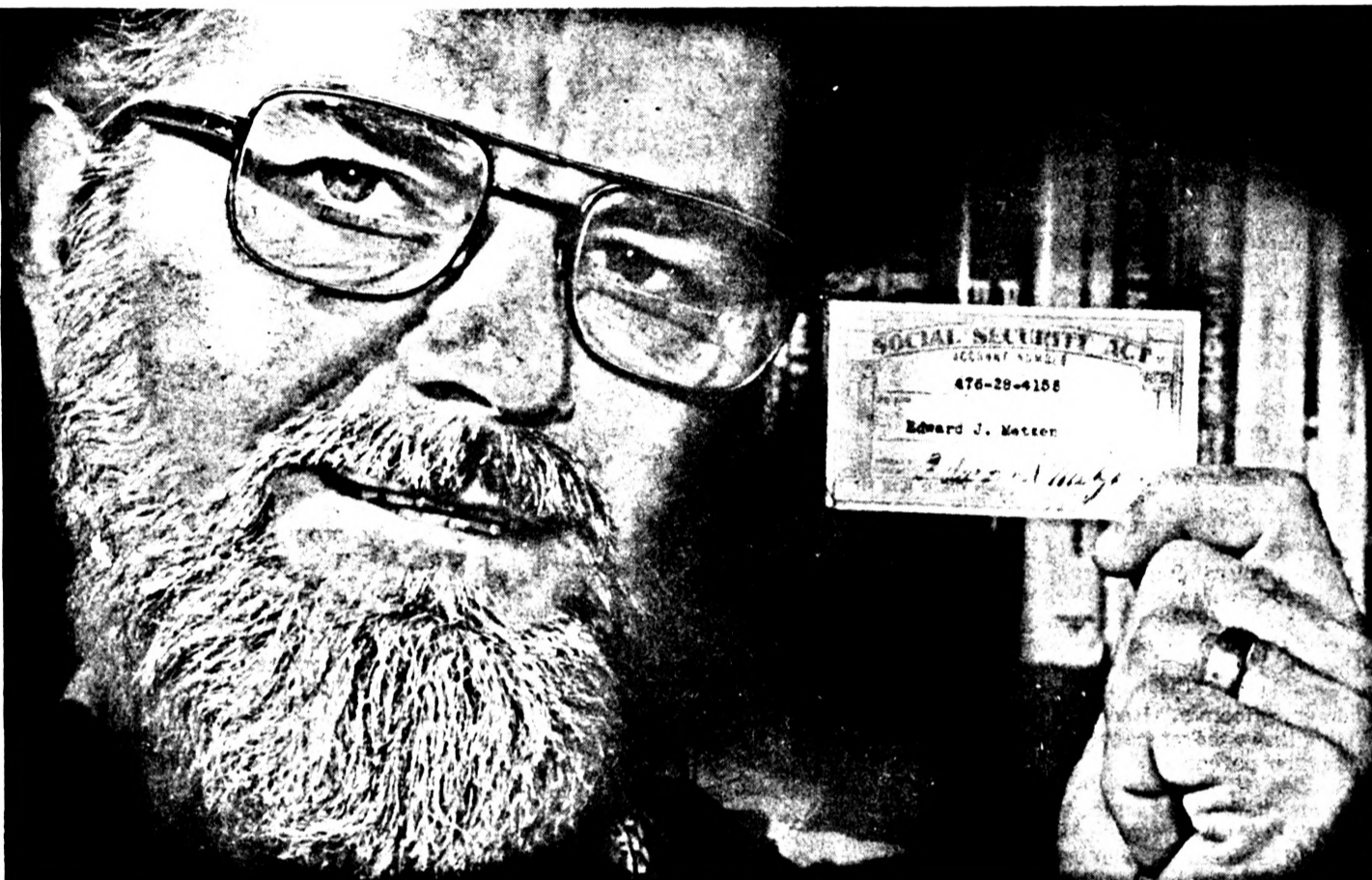
Metzen proposes that payments to retired workers be linked to what is happening to active workers' wage levels, an approach which would parallel an Indian tribe's situation in the early days of this country.

"When hunting and fishing were good and when crops were good, everybody—workers and dependents—ate well," he says. "The real incomes of dependent people went up with the incomes of the workers. During lean years everyone ate poorly. Active workers didn't eat well and dependents didn't eat well."

"We are experiencing lean years," says Metzen. So, he adds, we're going to have to start toning down social security promises because we won't be able to generate enough production to keep expanding benefits.

Change in the population's age mix combines with lower real income to

Larry Boehm



Ed Metzen, chairman of the UMC department of family economics.

compound problems in the system. Today, he says, there are about five working-age people for every person 65 and older. In the late 40s the ratio was nine to one, and in the year 2030 it's projected the figure will be about 3 to 1. It's doubtful, says Metzen, that we can increase output per worker enough to compensate for that change in the population mix.

"We have to realize that what retirees can get in the year 2000 will depend on what society can produce that year," he says.

Now is the time to begin planning for a later retirement age, Metzen believes, to stop using the CPI to adjust benefit levels and to stop double-dipping.

All these steps would reduce stress on the social security system.

For example, the double-dip is costing the system hundreds of millions of dollars a year.

"The worst aspect of double-dipping occurs when retirees qualify for social security at the benefit intended for people who have worked all their lives at low wages."

Under social security, low earners have 53-54 percent of income replaced while high earners have about 30 percent of theirs replaced.

Double-dippers attain a high wage replacement rate, intended as a welfare or income transfer component, by working a minimum number of years at high wages. Metzen would like the welfare element of double-dipping stopped immediately.

It's also essential that we have a universal social security system.

"There should be no substitute for it, and everyone should be covered by it.

Federal workers may have a right to a pension plan separate from social security, but they ought to pay into both all their working years as do private sector employees."

Once there is a universal social security system, public employees would no longer be able to benefit from the welfare element in the system by short-term double-dipping.

Metzen believes retaining the welfare or income transfer component of social security is essential but should be financed from general revenue funds, as all other welfare programs are financed.

If made soon, these changes can

ensure a sound social security system well into the foreseeable future. Metzen says it would be unrealistic to expect the system to perform for decades without some change.

"Whether we're talking about the private or the public sector, all the paper promises for what people are going to get 40 or 50 years in the future are simply the world of finance. It's the real world of economics—goods and services—not just paper promises, which will determine how well both active workers and retirees can live at that time."

- Sharon Curry
News Services

Graduate students receive honors

Twenty-three graduate students were cited for outstanding achievement at a reception hosted by the Graduate Student Association on July 6 in the Memorial Union.

Students were selected by their directors of graduate studies to receive certificates of recognition as outstanding students. Also, two students from each academic sector received up to \$120 for steno services for help in typing their dissertations or theses.

The event was organized by past president Hoyet Hemphill.

The outstanding students are: BARBARA ANN BECKER, Dairy Science; JOE CHESHIRE, Entomology; BARRY T. CHRISTIAN, Educational Psychology; DAVID DYE, Philosophy; CHARLES R. FLESCHNER, Biochemistry;

VARUGHESE GEORGE, Statistics; THOMAS GIBBONS, Educational Administration; TERRY T. HARU, Sociology; STEVEN D. HOUSER, Music Education; ROBERT L. JONES, Veterinary Microbiology; JAMES KING, Political Science; LINDA LAFFERTY, Human Nutrition; TOM LaFONTAINE, Health and Physical Education; RICHARD MUELLER, Animal Science; HUNG HUYTEN, Agronomy; EDGAR PEREIRA, Electrical Engineering; MURILO CESAR O. RAMOS, Journalism; SUTATIP SIRIPAISARNPIPAT, Chemistry; JOHN TAYLOR, Geology; KEVIN TEMEYER, Biological Sciences; GARY TROTT, Physics; ERIC VANCE, Forestry; STEVEN WATTS, History.

Problem children may need early professional help

Supportive "strokes" from parents may do more to improve the grades of an under-motivated youngster than punitive strokes on the backside, according to UMC child clinical psychology experts.

"A child who lacks motivation in school can develop a favorable, productive approach to learning if professional counseling is sought early," says Mark H. Thelen, director of the UMC clinical training program. "But if the condition is allowed to persist, the child may lose confidence, making the problem harder to solve and even 'spilling over' into other areas of life."

Most children, he notes, may go through brief problem periods when, for example, they wet the bed or fear the dark. Only when such conditions persist do they become cause for concern. Other parents, teachers and child-rearing books, plus common sense, can help a parent determine if a psychologist is needed. The longer a child has a problem, be it disobedience, bed-wetting or simply not utilizing his or her full potential, the more difficult it is to correct, says Thelen, who suggests help be sought early.

"By the time we see children in our clinic, their parents have usually 'tried everything,' including spanking. Spanking is an approach that everybody knows, but it usually doesn't help," Thelen says.

In fact, punishment usually has a negative effect, reinforcing the unwanted behavior rather than discouraging it, says Noah Reaven, one of several graduate students participating in a special child psychologist training program here.

"A positive approach, like more time to watch TV or allowance money, can be used to reinforce appropriate behavior. Even something as simple as parental praise is pleasing to children and very effective," Reaven says, adding that children need such support from their parents.

Besides, Thelen says, punishment may also be inappropriate because the "child's problem" often turns out to be a family problem. In such cases psychologists may use family therapy—seeing the patient, his siblings and parents, either individually or as a group.

For example, a child labeled hyperactive by his teachers may simply be reflecting the chaos at home. A psychologist might suggest to parents ways of altering the home



Mark Thelen, director of UMC's clinical training program.

environment, perhaps by establishing rules, clear-cut responsibilities and orderliness.

"We never tell a child it is his or her problem," Reaven points out. "We simply try to get across the parents' or teachers' concern about their behavior. We try to make them understand it is in their own best interest to change. Fortunately, kids are more open to change than are adults, so if they have a problem, the sooner they see us, the easier it is to correct."

Of course, with very young children who cannot recognize or deal with their problems, the family approach is used. But regardless of the child's age, the therapist's goal is to suggest how to go about changing behavior and let the child, his parents and teachers carry the program out.

Besides the involvement of the family, there are other differences between psychotherapy with children and that for adults, Thelen emphasizes, which is one reason the National Institute of Mental Health is funding special training for child psychologists here. In the past not enough attention has been given to providing mental health services for youngsters, NIMH believes.

"While you can get more information needed from adults simply by asking, special techniques, such as play therapy, must be mastered to find out why a child behaves in a certain way," says Thelen. Thanks to the NIMH program, UMC students receive additional classroom and clinical training to prepare them to deal effectively with young patients. This

training is conducted within UMC's larger program for training clinical psychologists.

"One of the most important things child clinical psychologists, and parents, must be aware of is that, unlike adults, there is a developmental process going on in growing children," Thelen says. "You have to be in tune with it, because the process may be smooth or uneven, depending on the individual, so parents should keep their expectations reasonable."

"Parents, especially first-time parents, may expect too much too soon," Reaven says. "It may not be appropriate to expect a child to behave perfectly, or get straight A's, although parents might wish it were so."

- Larry Myers
News Services

People

WILLIAM R. KIMEL, dean of the College of Engineering and professor of nuclear engineering, and **ROBERT L. CARTER**, professor of electrical engineering, have been appointed to serve on the Governor's Low-Level Radioactive Waste Task Force. Members will develop a state policy for disposal of low-level radioactive wastes generated in Missouri.

Kimel, a fellow in the American Nuclear Society and the American Society of Mechanical Engineers, is past president of the American Nuclear Society.

Carter has worked for national and state policies on radioactive waste storage, serving on a national committee at Oak Ridge National Laboratory during the summer, 1980, and serving as chairman of the University's Radiation Safety Committee.

ERNEST ROBERT SEARS, professor emeritus of agronomy, has finished a six-month sabbatical at the Weismann Institute of Science in Rehovot, Israel, where he lectured and continued chromosomal research for the institute's plant genetics department. His work in crossbreeding wheat to

produce disease and drought resistant strains has earned international recognition. In 1976, when Israeli scientists discovered a new wheat species, they named it *Triticum searsii* to honor Sears' contributions.

Sears has served 45 years as a research geneticist for the U.S. Department of Agriculture before his retirement in August 1980.

LLOYD ARTHUR SELBY died Aug. 19 in Columbia after a long bout with cancer. He was 45 years old.

A UMC professor, Selby taught microbiology in the College of Veterinary Medicine and family and community medicine in the School of Medicine. A nationally known epidemiologist, he was considered one of the foremost experts on birth defects of animals and children from environmental factors.

A native of Denver, Colo., Selby came to UMC in 1967 from Tulane University, where he held a National Institutes of Health fellowship.

Selby received numerous honors and awards during his career. This summer, he received an honorary diploma from the American Veterinary Epidemiology Society for his

outstanding contributions to veterinary public health.

A scholarship fund has been established in Selby's name at the college. Checks made out to the University of Missouri and designated for the Lloyd Selby Memorial Scholarship Fund may be sent to Assistant Dean Kenneth Niemeyer at the College of Veterinary Medicine, Columbia, Mo. 65211.

"Finally It's Friday: School and Work in Mid-America, 1921-1933" by **LOREN REID**, professor emeritus of speech and dramatic art, was published in May by the University of Missouri Press. The book is a sequel to Reid's memoir of his early life in the Midwest, "Hurry Home Wednesday."

Reid has written textbooks in public speaking and numerous professional articles. His "Charles James Fox," published by UM press in 1969, won two awards for distinguished research from the Speech Communication Association. "Hurry Home Wednesday" won the annual literary awards of both the Missouri Library Association and the Missouri Writers' Guild.

The University Chapter of Professional Secretaries International was honored at the Missouri Division

meeting held in June in Joplin, Mo.

The chapter received points in the education and certified professional secretary categories. It also received the Chapter of the Year award for the most points scored overall.

Chapter member **KATHY WATKINS** was recognized as one of the secretaries of the year for receiving the chancellor's staff award.

SAUL AND GOLDA LARKS, both retirees from the University, celebrated their 50th wedding anniversary with a dinner and reception at the Bel Air Sands Hotel in Los Angeles this summer.

The couple, both who retired from the veterinary physiology department in 1972, are active on behalf of the elderly. Dr. Larks helped organize and is vice-president of the Congress of California Seniors, a state-wide organization, as well as having held presidential office in the Advisory Council of the County Area Agency on Aging, the AARP, and other organizations of retirees. He is at present a member of the county Committee on Affairs of the Aging by

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People

appointment of the Board of Supervisors and columnist for the Independent-Journal.

Mrs. Larke, founder of the free Senior Health and Peer Counseling Service of Santa Monica, has served as its president as well as president of the AARP and the County Advisory Council of the Area Agency on Aging.

JOSEPH J. MARKS, professor and news director for the College of Agriculture, was presented the Agricultural Communicators in Education Service Award July 13 at the ACE national meeting, Mackinac Island, Mich.

Marks was coordinator and secretary-treasurer for ACE the last three years and is past president of ACE's Award of Excellence in Press, Pioneer Award, and Agricultural Communications Award.

DAVID E. SCOTT, professor of anatomy at the University of Rochester, was named professor and chairman of the department of anatomy Aug. 1.

Scott earned M.S. and Ph.D. degrees in anatomy from the University of Southern California in 1964 and 1967. While at USC he was a U.S. Public Health Fellow in the Department of Anatomy. He joined the University of Rochester faculty in 1967 and in 1971 received a career development award from the National Institutes of Health.

JOHN K. BEEM, professor of mathematics, has been appointed to the Luther Marion Defoe Distinguished Professorship in the Science of Mathematics for a three-year term. Beem's appointment was recommended on the basis of his contributions to University research and teaching advancement.

He recently co-authored a book with colleague **PAUL EHRlich**, associate professor of mathematics, on "Global Lorentzian Geometry," concerning geometry used in general relativity theories.

Beem has served on the UMC faculty for 14 years.

DONALD J. BRENNER, associate director of both the School of Medicine's Information Science Group and the Health Care Technology

Center, has been appointed associate dean for graduate studies and research at the School of Journalism.

Brenner earned his doctoral degree from the School of Journalism in 1965 and was on the school's faculty until 1972, when he became professor of health communications at Texas Tech University's School of Medicine in Lubbock. He was chairman of that department when he returned to UMC in 1977.

He holds a master's degree from Ohio University and a bachelor's degree from Bowling Green State University.

JOHN S. YEAGER has been appointed budget and resources officer in the Provost's Office. Yeager, formerly assistant director of Institutional Research and Planning, will be responsible for directing analyses of budgets and resources for academic programs and support services, including the 17 UMC schools and colleges, the libraries and the extension divisions. He will also advise Provost Ronald Bunn on assigning resources and physical facilities within the academic divisions and will work with deans, directors and staff on budgets and procedures.

Yeager previously served as interim director of Campus Computing Services at UMC and as manager of Program Planning and Analytical Studies. He holds a master's degree in business administration.

CURTIS R. WESTON, professor and coordinator of agricultural education, served as consultant for the Jamaican agricultural mechanics program this summer. The Ministry of Education for Jamaica and U.S. Aid to International Development jointly sponsored the project to develop a vocational agricultural mechanics program for Jamaica's secondary school system.

Weston determined equipment needs and wrote the curriculum for the program. He also developed an entrance exam for the Jamaica School of Agriculture, a post-secondary program.

GORDON K. HOWARD has joined the Recreation and Park Administration Department as

coordinator of grants and contracts. Howard will develop contractual and grant agreements for research, training, consultation and materials development and dissemination within and outside the University.

Previously, Howard supervised grants and contracts for the Recreation and Leisure Studies Division at North Texas State University.

CHRIS J. JOHANNSEN, professor of agronomy, will serve as the 1981-82 president-elect of the Soil Conservation Society of America. He also has been awarded the President's Citation for exceptional service as program chairman, planning the SCSA National Conference on "Remote Sensing of Resource Management" and for his service as editor of the book resulting from the conference.

Johannsen will return to UMC for the Fall Semester after a leave of absence at the University of California-Davis.

JOHN H. DUNN, professor of horticulture, has been elected to a three-year term on the Board of Directors of the American Society of Agronomy. He will be representing the Turfgrass Division of the Crop Science Society of America.

Dunn is a past chairman of the Turfgrass Division and formerly served on the Board of Directors of the Crop Science Society.

MARVIN L. ROGERS, associate professor of political science, has been awarded a Fulbright-Hays Senior Faculty Research Abroad fellowship to spend the 1981-82 academic year studying the role of local organizations in the implementation of Indonesia's rice intensification program.

CHARLES R. LITECKY, associate professor of accountancy, College of Business and Public Administration, was recently honored by the Electronic Data Processing Auditors Foundation.

Litecky was named the outstanding contributor during 1980 to the foundation's journal, *The EDP Auditor*, for his article, "Analysis of Current Data Processing Weaknesses."

Litecky is also editor of *Management Advisory Service Communications*, a journal for consultants. He has written

two books on computer programming and numerous articles in professional journals.

KIM WAGGIE, a postdoctoral student in veterinary pathology and laboratory animal medicine, has received a National Research Service Award from the National Institutes of Health.

The three-year fellowship, worth more than \$15,000 a year, will go toward Waggie's research on a bacterial disease that causes enteritis and hepatitis in several domestic, wildlife and laboratory animal species.

ANDREW LASSER, teaching fellow at the University of Pittsburgh Graduate School of Public Health, joined the UMC faculty this August as assistant professor in the Health Services Management graduate program in the School of Health Related Professions, teaching courses in planning/marketing and multi-institutional systems.

Lasser received a bachelor's degree from San Diego State University in 1972 and a master's degree in public health from the University of Pittsburgh, where he is completing work for a doctorate in public health.

He served as chief executive officer for General Hospital in Eureka, Calif., for four years and is a member of the American College of Hospital Administrators and the American Hospital Association.

ARTHUR ROBINS, professor of psychiatry and chief, Mental Health Service Section, has been awarded a Fulbright grant for teaching and research at SNDT Women's University in Bombay, India.

He will continue a study of family tensions in modern India, which he began in 1979 at the Pata Institute of Social Sciences-Bombay, India. Madhov Gore, an Indian social scientist, will collaborate in the study.

PETER J. MARKIE, assistant professor of philosophy, has received the 1981 Richard M. Griffith Memorial Award of the Southern Society for Philosophy and Psychology.

The award, a citation for general excellence, was bestowed for Markie's paper "Feinberg on Moral Rights,"

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Job listings

Staff openings

The following job openings at the University were approved and posted Tuesday, Sept. 8, and include the department where the vacancy exists.

The openings are listed under the name of the Personnel recruiting staff member handling the positions. For more information or to apply for a job, contact the appropriate recruiter at the Personnel Office, 309 Hitt St., at 882-4221.

Gwen Dixon
Technical/Research
Computer programmer/analyst I, Atmospheric Science; Laboratory assistant, Veterinary Pathology; Laboratory assistant, Veterinary Medicine Diagnostic Lab;
Library assistant I, Ellis Library; Library assistant I, PAVTE; Library clerk II, Law Library; Manager, personnel information systems, Staff Benefits & Personnel Records-UMca;
Reactor operator, Research Reactor-UMca; Sr. computer programmer/analyst, Library Systems; Sr. radiologic technologist, Veterinary Medicine & Surgery; Sr. research engineering technician, Research Reactor-UMca; Sr. research/laboratory technician, Medicine/Infectious Diseases;
Sr. research/laboratory technician, Medicine/Immunology-Rheumatology; Sr. research/laboratory technician, Biochemistry; Sr. research/laboratory technician, Forestry, Fish & Wildlife; Research specialist, ETSRC; Research specialist, Child Health; Sr. research specialist, Atmospheric Science; Staff physician, Student Health.

Fran Warren
Administrative/clerical support
Administrative assistant, Child Health; Clerk typist II, Veterinary Medicine & Surgery; Clerk typist II, Personnel Services/Wage & Salary; Secretary, Biological Science; Secretary, Child Health; Secretary, Community Development-Extension;
Secretary, Extension; Secretary, Engineering (UMKC); Secretary, Engineering Experiment

Station; Secretary, Medicine; Secretary, PAVTE; Secretary, Neurology;

Secretary, Ophthalmology; Secretary, Research Reactor-UMca; Secretary, Surgery; Secretary-stenographer, Physical Medicine & Rehabilitation; Sr. clerk, Student Recruitment/Admissions/Records; Sr. clerk typist, Center for Independent Study;
Sr. clerk typist, Engineering-Dean's Office; Sr. clerk typist, Veterinary Medicine & Surgery; Sr. clerk typist, Cashier's Office; Sr. clerk typist, Personnel Services/Staff Benefits;
Sr. stenographer, Social Work-Extension (Adoption Res. Center); Sr. secretary, dairy science; Sr. secretary, Biological Science; Sr. secretary, Veterinary Microbiology; Secretary, Continuing Medical Education.

Jane Correia
Clerical
Receptionist, Research Reactor-UMca.

Connie Wood
Administrative
*Director, physical plant, V.C. for Administrative Services.

Charles Hunter
Administrative/professional
Admissions advisor, Student Recruitment/Admissions/Records; *Asst. manager, budget (analysis), UMC Budget Services; *Administrative manager, medicine (surgery), Surgery; Assistant director, recreation, Student Development; *Assistant supervisor, custodial, Physical Plant;
Auditorium specialist, Physical Plant; Coordinator, learning lab, Academic Support Center; Drafting technician, Facilities Management; Estimator, Physical Plant; *Fiscal analyst, Investments/Trust-UMca; Food service supervisor I, Residential Life;
Information specialist, Special Education; Information specialist, UED-Off Campus Non-Credit; *Manager, annual giving, Alumni Development; Radio producer/news, Broadcast Media; *Sr. accountant, Accounting Services;

*Supt., Custodial Building Services, Physical Plant.

Carol Waits
Part-time
Clerk typist II (20 hrs. per wk.), UED-Emergency Med. Training; Clerk typist II (30 hrs. per wk.), Academic Support Center; Data entry operator II (30 hrs. per wk.), Printing Serv.-UMca; Farm Worker I (full-time temp.), agric.-Dir. Office; Research/laboratory technician (20 hrs. per wk.), Biol. Science;
Secretary-stenographer (30 hrs. per wk.), UED-Youth & 4-H;
Sr. clerk (30 hrs. per wk.), Staff Benefits-UMca; Sr. research/laboratory technician (20 hrs. per week, temp.), Biological Sciences; Sr. secretary (full-time temp.), CIS-Admin. & User Serv.-UMca;
Sr. stenographer (20 hrs. per wk.), Management; Sr. stenographer (20 hrs. per wk.), Educ. & Counsl. Psychology; Stenographer (20 hrs. per wk.), Student Development.

The following jobs were listed by the Health Sciences Center Personnel Office. For more information, call 882-8186.

Mary Davis
Administrative/professional
Assistant Hospital Plant Engineer—Plant Engineering; Buyer—Materials Management; Manager—Housekeeping; Manager—Medical Records; Manager—Patient Referral Services; Methods & Procedures Analyst—Administrative Services; Safety Coordinator—Support Services; Supervisor—Food Service-Nutrition and Dietetics.

Patty Scott
Clerical
Administrative Secretary—Nursing Administration (Shorthand); Administrative Secretary—Professional Services; Clerk II—Medical Records; Clerk II—Patient Accounts; Clerk Typist—Medical Records; Collections Clerk—Patient Accounts;
Hospital Unit Clerk—Nursing (4); Secretary—Blood Bank; Secretary—Central Service, Temp.; Senior Accounting Clerk—Patient Accounts; Senior Clerk—Nursing Service, Temp.;

Senior Clerk Typist—Materials Management; Senior Clerk Typist—Nursing; Senior Receptionist—Clinic I.

Gina Kincaid/Jo Grove
Nursing
Assistant Director—Nursing; Clinical Specialist—Nursing (3); Head Nurse—Nursing (5); IV Nurse—Pharmacy; Nurse Anesthetist—Anesthesiology (3); Nurse Education Specialist—Nursing; Senior Licensed Practical Nurse—Nursing (17); Staff Nurse—Nursing (22);

Steve Scott
Technical
Certified Respiratory Therapy Technician—Respiratory Therapy; Chief Radiation Therapy Technician—Radiology; Database Administrator—Computer Center; Emergency Paramedic—Emergency Room; Genetics Counselor—Child Health; Pharmacy Technician—Pharmacy (2); Physical Therapist—Rusk (2); Registered Medical Technologist—Microbiology Laboratory; Registered Medical Technologist—Pathology-Blood Bank (3); Registered Medical Technologist—Pathology-I.R. Laboratory; Registered Respiratory Therapist—Respiratory Therapy (3); Research Specialist—Pathology-Histology Laboratory; Senior Programmer Analyst—Computer Center (2); Senior Registered Medical Technologist—Pathology-Transplant Laboratory; Senior Systems Programmer—Computer Center.

Part-time/Temporary
Assistant Director—Nursing (2); Certified Respiratory Therapy Technologist—Respiratory Therapy (3); Chief Clerk—Nursing Service; Clerk—Medical Records (3); Custodian—Housekeeping (2); Food Service Attendant I—Nutrition & Dietetics (2); Health Care Equipment Attendant—Hospital Equipment Pool (2); Hospital Unit Clerk—Nursing (10); Radiologic Technologist—Radiology; Registered Respiratory Therapist—Respiratory Therapy; Senior Licensed Practical Nurse—Nursing (26); Senior Payroll Clerk—Nursing Payroll; Senior Programmer Analyst—Computer Center, Temp.; Staff Nurse—Nursing (27); Student Assistant—Nursing (24).

People

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which he presented to the Society during its 73rd annual meeting in Louisville, Ky.

The University School of Medicine lists several faculty members who have accepted positions on medical journals.

CHARLES MENGEL, chairman of medicine, is the editor of *Journal of Laboratory and Clinical Medicine*, an official publication of the Central Society for Clinical Research. UMC associate editors on the monthly journal are **DANIEL WINSHIP**, associate chairman of medicine; **KARL NOLPH**, director of the nephrology division; and **E. DALE EVERETT**, director of infectious diseases division.

LEE FORKER, professor of medicine and director of the division of gastroenterology and liver diseases, is associate editor of the *American Journal of Physiology*, published monthly by the American Physiological Society.

JOHN YARBRO, professor of hematology and medical oncology, is editor of the national quarterly, *Seminars in Oncology*.

LARRY MILLIKAN, associate

professor of dermatology, is associate editor of the *International Journal of Dermatology*, distributed 10 times yearly by the International Society of Tropical Dermatology.

WILLIAM C. ALLEN, chief of orthopedic surgery, is associate editor of *The American Journal of Sports Medicine*, published bi-monthly by the American Orthopaedic Society for Sports Medicine. Allen is also editor of *The Clinical Orthopedics and Related Research*, published eight times yearly.

CLARK WATTS, chief of neurosurgery, is editor of *Journal of Neurosurgery*, published monthly by the American Association of Neurological Surgeons.

MARY VIRGINIA (GINA) MORGAN, assistant professor in the curriculum and instruction department, has been recognized as Adviser of the Year by the Education Student Council at the College of Education.

Morgan advises students majoring in early childhood and elementary education and teaches courses in early childhood education. She is faculty adviser for the Association of Childhood

Education and a member of Kappa Delta Pi and Pi Lambda Theta, national honoraries in education.

RICHARD B. CAPLE, professor of education and counseling psychologist at the University of Missouri-Columbia, has been named president-elect of the Missouri College Personnel Association (MCPA). Caple is a member of the American Psychological Association, American Association for Higher Education, Kappa Delta Pi and Phi Delta Kappa.

WILLIAM CONNER, a counselor-intern at the UMC Testing and Counseling Service, will serve on the Executive Council of the MCPA as the graduate student representative. Connor is a Ph.D. candidate at UMC.

MEYER REINHOLD, professor emeritus of classical studies, who is currently visiting university professor at Boston University, has authored articles in *The Ancient World*, *Classical Philology*, *Classical Journal*, and *Classical Outlook*, and also has two books in press. *The Jewish Diaspora*

Among Greeks and Romans, and a revised edition of his *Marcus Agrippa, A Biography*. Reinhold is also co-editor of the international project to prepare an historical commentary on the vast Roman history of the Greek historian Cassius Dio.

BARBARA LORENZEN, R.N., was recently elected president-elect of the National Intravenous Therapy Association.

Miss Lorenzen is the assistant director of Pharmacy/I.V. Services at the UMC Hospital and Clinics, where she's helping to organize the I.V. Therapy Department.

Miss Lorenzen worked at the Incarnate Word Hospital as a staff nurse and head nurse of the Medical division 1969-80. Since 1973, she has organized and headed the first full-service I.V. Team in the St. Louis area.

She has served on the faculty for the Operation Outreach Program at St. Louis University and on the faculty of the National Committee on Education of NITA 1979-81.

Footnotes

Department of Art

A photo intaglio print by **Tamar Oestreich**, a graduate art student, was recently purchased by the Cincinnati Bell Art Program for exhibit in the Atrium of the Bell office in Cincinnati.

Two UMC art students and the chairperson of the UMC art department received awards at the Bethel Colony Art Festival, Bethel, Mo.

Brenda Probst, graduate art student, tied for first place and won the \$100 prize with her mixed media painting, "Plant Man." She also received an honorable mention for a pastel drawing.

Robert Friedman, a graduate of the UMC art department, tied for second place and the \$50 prize with UMC art department chairperson **Brooke Cameron** in the printmaking category.

Friedman's lithograph print was titled "Mark Monet." Cameron's print was titled "The Persistent Dream of Quannah Parker."

Career Planning and Placement

John R. Basin, coordinator of the Career Planning and Placement Work Experience Program, and **George Brooks**, director of the Student Financial Aids Office, have had their article, "The Work Experience Program—A Collaborative Effort Between Financial Aids and the Career Planning and Placement Center," published in *The Journal of Student Financial Aid*, May, 1981.

Department of Community Development

Alvin S. Lackey, associate professor and chairman, co-authored with **Mark Peterson** and **Jeff Pine**, "Participatory Evaluation: A Tool for Community Development Practitioners," in *Journal of the Community Development Society*, Vol. 12, No. 1 (1981).

Donald W. Littrell, assistant professor, was one of 14 invited participants to a National Rural Fellows Conference on rural development curriculum June 22-24 in New York City.

College of Education

Irene Fitzgerald, professor emerita, was honored this summer at a reception for her retirement. She joined the College of Education faculty in 1954.

Jo Behymer, associate professor in the department of practical arts and vocational-technical education, was honored for her outstanding support and contributions to the college by Kappa Delta Pi, an honor society in education.

Mary Virginia Morgan, assistant professor in the department of curriculum and instruction, was named Adviser of the Year by the Education Student Council.

Donald Claycomb, assistant professor in the department of practical arts and vocational-technical education, gave three presentations during the Iowa State University Agricultural Education Cooperating Teachers Conference held recently in Ames, Ia.

Richard Linhardt, associate professor in the department of practical arts and vocational-technical education, traveled to Orlando, FL, to attend the national convention of the American Society of Agricultural Engineers. Linhardt presented a paper on "Research Studies of the Effect of Shop Environment on Teaching."

Bob Stewart, professor in the department of practical arts and vocational-technical education, is serving on the Curriculum Advisory Committee for the American Soybean Association.

UMC hosted the National Alpha Tau Alpha Planning Workshop July 1-3. Participants included **Donald Claycomb**, president, and **Bob Stewart**, chapter advisor. Claycomb, assistant professor, and Stewart, professor, are in the department of practical arts and vocational-technical education.

Richard Linhardt and **Michael Dyrenfurth** are completing a *Safety Guide for Vocational Education in Missouri*. This guide will be useful to teachers as they develop safety programs within their school districts.

Louise Eichternacht, coordinator of business education, has been elected Missouri

Representative to the Administrative Board of the North-Central Business Education Association. He was elected for a two-year term and will be chairing the Special Projects Committee.

Eichternacht has previously served as treasurer, president-elect, and president of the Missouri Business Association, an affiliate of the N-CBEA.

Curtis R. Weston, professor and coordinator of agricultural education, is on a two and one-half month leave of absence this summer in Jamaica as a consultant to the agricultural mechanics program. Weston is being sponsored by the American Association of Colleges for Teacher Education.

Richard Robinson, professor in the department of curriculum and instruction, co-authored an article appearing in a recent issue of *Perceptual and Motor Skills*. The article is entitled "Adult Readers' Perceptions of Self in Reading."

Robert Reys, professor, department of curriculum and instruction, is the author of a recent article appearing in the *Christian Science Monitor* entitled "U.S. Schools Trailing the Russians in Math and Science."

Charles D. Schmitz, associate professor, department of counseling and personnel services, is the author of "Why not Undergraduate Programs in Counseling and Personnel Services?" appearing in the June, 1981, issue of *The Counselor Interviewer*.

Carolyn A. Dorsey, coordinator of black studies and associate professor of higher education, has been awarded \$1,400 by the Danforth Foundation. The award is an extension of the Danforth Foundation Associateship and is to be used for two conferences on Multicultural Teacher Education, one during the fall and one during the winter semester.

Dorsey has been a faculty member at UMC for four years and has been active on multicultural teacher education committees in the College of Education and with the Mid-Missouri Associated Colleges and Universities.

Over forty agricultural education graduate students participated in the annual Seminar on Wheels in early June. The group traveled to Iowa and Illinois to visit agricultural education and agribusiness programs. The week-long trip provided new and innovative ideas which may be useful in supporting current programs already in existence in Missouri. **Don Claycomb**, assistant professor in agriculture education, was the faculty sponsor for the trip.

Shirley Baugher, graduate instructor, department of practical arts and vocational-technical education, attended the American Home Economics Association in Atlantic City, New Jersey, June 22-25. She presented a workshop on "Values and Group Relationships." She also served as a Missouri Delegate to the convention.

Charles Koelling, associate dean, College of Education, has been appointed to the Professional Development Committee of Region IV of the National University Continuing Education Association.

Reuben Altman, professor of special education, has been appointed Chairman of the Publications Committee of the Mental Retardation Division of the Council for Exceptional Children. Altman is a past-president of the Division.

Henry Liu, professor of civil engineering, has been selected for *Who's Who in Technology Today*. Liu was chosen for his outstanding technical achievements in hydraulics.

Liu also participated in the fourth U.S. National Conference on Wind Engineering Research and an American Society of Civil Engineers Task Committee meeting held at the conference July 26-28 in Seattle.

John Miles, professor of mechanical engineering, coauthored "Fabrication, Testing, and Modeling Plans for a 125-kW Counter-Rotating-Turbine Wave Energy Converter" presented at the eighth Ocean Energy Conference June 7-11 in Washington, D.C.

Miles coauthored "Ocean Energy-Waves, Current, and Tides" presented at Energy in the Man-Built Environment Urban Planning and Development Division Specialty Conference Aug. 3-5 in Vall, Colo.

George Stickney, associate professor of mechanical engineering, participated in the fourth Wind Engineering Conference July 21-31 at the University of Washington in Seattle.

Stickney is chairing a session at the American Society of Civil Engineers Conference on "Energy in the Man-Built Environment" Aug. 1-10 in Vall, Colo.

Krystian Ledwon, an east European exchange scholar from Poland, will join the agricultural engineering department in September. Sponsored by the International Research and Exchanges Board, Ledwon will work with Neil Meador of the department on solar energy projects.

Walter Meyer, chairman and professor of nuclear engineering, served as a panel participant for an American Nuclear Society press briefing July 21-22 in Chicago.

Lewis N. Walker, professor of nuclear engineering, participated in the Institute of Electronic and Electrical Engineers Summer Power Conference July 29-Aug. 4 in Portland, Ore.

Mriganka M. Ghosh, professor of civil engineering, participated in a program committee meeting of the Water Pollution Control Federation July 22-24 in Cleveland.

Ghosh presided over a session and participated in an executive committee meeting of the Environmental Engineering Division of the American Society of Civil Engineers at their National Conference on Environmental Engineering July 6-10 in Atlanta.

Michael C. Smith, assistant professor of industrial engineering, participated in an Engine Logistics Planning Board meeting at the Air Force Logistics Command Directorate of Logistics Operations and Propulsions July 13-16 at Wright-Patterson Air Force Base in Ohio.

Aaron Krawitz, associate professor of mechanical engineering, was invited to present a paper at the Sagamore Army Materials Research Conference on Residual Stress and Stress Relaxation July 9-22 in Lake Placid.

Krawitz is also on the organizing committee for the International Conference on the Science of Hard Materials to be held in 1982 in Jackson, Wyo. He recently received a \$20,000 grant from the Philip M. McKenna Laboratory for an initial study of cutting tool materials.

Shankha K. Banerji, professor of civil engineering, presided over a session and committee meeting at the American Society of Civil Engineers National Environmental Engineering Conference July 8-10 in Atlanta.

Marlin U. Thomas, professor of industrial engineering, participated in the 47th Military Operations Research Symposium July 6-9 in Washington, D.C.

Jay Goldman, chairman and professor of industrial engineering, participated in the National Institutes of Health Conference on the Health Care Implications of the Hypertension Detection and Follow-up Program July 13-14 in Bethesda.

Department of Geology

John M. Sharp, Jr., Associate Professor and chairman, recently presented a paper, with Cynthia Keefe of Shell Oil Company, New Orleans, entitled "Use of longitudinal conductance in estimating transmissivity of granular aquifers in northern Missouri." The paper was presented at the North Central Section meeting of the Geological Society of America. Sharp, who recently returned from sabbatical leave at the University of Munich, is also convening a Penrose Conference entitled "Hydrodynamics and geochemistry of ore generation in sedimentary environments." Co-convenors are William C. Kelly of University of Michigan and Donald White of the U.S. Geological Survey.

College of Home Economics

Bea Litherland, dean, has been elected to a two-year term on the board of directors of the American Home Economics Association. She will serve as chairperson of the AHEA unit responsible for accrediting college and university programs.

Ed Metzner, professor, was elected to a second term on the American Home Economics Association board of directors.

Anna Cathryn Yost, associate professor, was elected to head the American Home Economics Association's Human Services section.

Bea Litherland, dean, served as a consultant to the home economics program at St. Olaf College in Northfield, Minn.

Four faculty members and one doctoral candidate presented papers and spoke at the American Home Economics Association annual meeting in June. They are: **Sandra Helmick**, associate professor, presented a paper on "Plastic Surgery for the Consumer Price Index;" **Mel Zelenak**, assistant professor, spoke on "Consumer Education: Let's Lead, Follow or Get Out of the Way;" **Anna Cathryn Yost**, associate professor, spoke on "The Production and Marketing of Rehabilitation Home Economists;" and **Ed Metzner**, professor, and doctoral candidate **Jerry Mason** presented a paper on "Influences of Non-Work Domains on Worker Job Satisfaction."

Margaret Flynn, professor, and **Wendy Schiff**, instructor, spoke on cholesterol, diet and heart disease and weight control to the Cattleman and Pork Producers of Dallas County in May.

Linda Lafferty, instructor, spoke on "Controlling Quantity Food Production and Service" during the Dietary Institute for Food Service Supervisors in Columbia.

Marilyn Coleman, associate professor, **Larry Ganong**, assistant professor, School of Nursing, and **Greg Brown**, graduate student, authored "Parent-Child Interaction: A Successful Program Model," in the July/August issue of the *Journal of Extension*.

Coleman, **Ganong** and **Brown** also authored "Effects of Multi-Media Instruction on Mothers' Ability to Teach Cognitive Skills to Preschool Children" in the *Journal of Social Psychology* and "Perceptions and Attitudes of Marriage and Family Life by Adolescents in Intact, Single-Parent and Reconstituted Families," in *Adolescence*.

Damid Imig, associate professor, published "Accumulated Life Stress and Interpersonal Effectiveness in the Family," in the July issue of *Family Relations Journal*.

Ed Metzner, professor of family economics and management, recently published an article on "The Impact of Wife's Employment and Earnings on Family Net Worth Accumulation" in the *Journal of Consumer Studies and Home Economics*. Ann Foster of Auburn University, Auburn, Ala; an alumna of the UMC College of Home Economics, collaborated on the article.

Metzner serves on the journal's multi-national overseas advisory board.

School of Medicine

Michael Perry, associate professor of medicine, and **Al Greco**, instructor in medicine, have published "Wilm's Tumor in the Adult" in the May issue of the *Southern Medicine Journal*.

Perry was also named chairman of the Cancer and Leukemia Group B Gastrointestinal Cancer Committee.

Karl Nolph, director of the nephrology division and professor of medicine, has published volume II of his book "Peritoneal Dialysis." He also presented a paper on the National CAPD Registry at the CAPD Consultants meeting at the Travenol Corporate headquarters.

Philip Anderson, director of the dermatology division and professor of medicine, has published "Porphyria Cutanea Tarda in Missouri" in the June issue of *Missouri Medicine*.

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Budget cut

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the reductions at this time," Uehling stated in the report. "The budgets of Extension and the Station will be reviewed over the next few months to be sure that non-state income is used more effectively to ease the impact of state reductions."

The report also listed cutbacks at the University Hospital: to meet a budget reduction of \$1.34 million, renovations will be curtailed, equipment and expense budgets reduced by \$250,000, reductions will be made to marginal programs, and room rates and service charges will be increased by 14 percent.

Certain high priority programs and budgets will be exempted from reductions, the report said, such as library acquisitions, special equipment, some contingency accounts, minor renovations, scholarships and central student employment funds.

Other budgets are being reduced substantially to provide funds for other areas. Due to fuel and utilities savings, that budget can be reduced by \$552,000, the report said. Intercollegiate Athletics is being reduced by \$150,000, and a contingency account in Administrative Services is being reduced by \$525,000.

As a result of those reductions, some areas will actually receive budget increases. Student Services will receive an additional \$110,000, with half that amount targeted for the Office of Student Financial Aids. The Development Fund will receive an increase of \$45,000, plant operations will be increased to support the opening of the UMC-owned Professional Building and the Hinkson Creek Recreation Area, and \$525,000 will be added for the campus renovation budget.

On the Columbia campus, all units reporting to the chancellor have been assigned reductions of 3.5 percent. Those units include the Provost's Office, the Vice Chancellor for Administrative Services, the Vice Chancellor for Student Services, the Vice Chancellor for Alumni and Development, the Director of Institutional Research, the Director of Equal Opportunity and the Director of University Relations.

In the largest of those units—the Provost's Office, where 75 percent of the campus budget is held—academic divisions have been assigned cuts of from 3 to 5 percent. The College of Arts and Science, Graduate School and the libraries received cuts of 3 percent, and University Extension Division, the School of Library and Informational Science, School of Nursing, the Provost's Office and the College of Public and Community Services received cuts of 5 percent. All other units were assigned 3.5 percent reductions.

"In the next two to three months, it will be crucial to continue discussions of the budget by various groups on the campus and for administrators to further assess the availability of one-time funding," Uehling said. "My feeling is that few on the campus realize the seriousness and the extended nature of the state funding situation, and it is too early in the year to accurately assess certain one-time fund sources that may be used this year. If units are required to implement a further 2 percent reduction this year, I believe some layoffs and termination of faculty are likely."

The chancellor also added that to plan for next year and the future, a process will be developed to identify entire programs that may be substantially reduced or eliminated.

"The early planning that we have done indicates a need to reduce our commitments by 10 to 20 percent in the next three years," she wrote. "After years of expansion, a reduction of that magnitude will be very difficult to achieve. But we must do it."

UMC's Freeman wins chess championship



Gary Freeman, UMC administrative associate, studies a postal chess game - he is playing against an opponent in Kansas City.

Judy Stein

"Playing chess is a specific skill you pick up and then develop," says Gary Freeman, UMC department of medicine administrative associate.

Freeman recently won the Category II Missouri State Chess Championship, held on the Columbia College Campus. Freeman received the title after playing five rounds of chess, each of which lasted an average of three hours.

Freeman has played chess since he was 13, but decided three years ago that if he wanted to get good at chess, he would have to work at it. So he works at his game every Monday night at meetings of the University Chess Club, of which he is the president. He also plays chess with a small home computer.

Freeman also improves his skills by participating in postal chess games. Members of the postal club are assigned an opponent, and then take turns communicating their moves through the mail. "It takes a long time to finish these games, since we only make a move a week," says Freeman. The average game is made up of about 40 moves.

And when tired of playing against all these opponents, Freeman turns to his library of chess books. "Most people don't know it, but there is a system of writing down the moves of a chess game," he says. He works through the moves of a single game, learning from some other player's mistakes and brilliant moves. Some of the chess games recorded date back to the 1500s.

Freeman says he likes the mental work involved in the game and finds chess relaxing. "The thing I like most about chess is that it has a sort of mathematical aspect to it."

He also enjoys math in his job, where he's in charge of the accounting system for his department and supervises about ten people. He has a bachelor's degree in political science and expects to complete his master's degree in finance this winter.

- Susan Thornsberry
Health Sciences Relations

Footnotes

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Larry Millikan, associate professor of dermatology, directed a day-long dermatology course for the Louisiana Academy of Family Physicians in New Orleans.

David Klachko, professor of medicine, has been named president-elect of the Missouri Regional Affiliate, American Diabetes Association.

James Maltby, associate professor of radiology, is the co-author of a case report on "Symmetric masses in an 83-year old man" in *Missouri Medicine*. Co-authors are Gary Agia, post-doctoral fellow in medicine, and Daniel Hurst, associate professor of medicine and director of the pulmonary medicine division.

James Esther, post-doctoral fellow in medicine, is the co-author of "Pulmonary hypertension in patients with connective tissue disease and antibody to nuclear ribonucleoprotein" in *Arthritis Rheumatology*. Co-authors are Gordon Sharp, professor of medicine and director of the division of immunology/rheumatology; Gary Agia, post-doctoral fellow, and Daniel Hurst, associate professor of medicine and director of the division of pulmonary medicine.

Karl Nolp, director of the nephrology division and professor of medicine; **Michael Sorkin**, assistant professor of medicine, and **Barbara Prowant**, senior continuous ambulatory peritoneal dialysis nurse, were in Europe in June lecturing in Munich, Berlin, Amsterdam and Zurich. They described the state of the art in CAPD which underwent early evaluation at the University of Missouri, and attended the Second International Symposium on Peritoneal Dialysis in Berlin. Nolp is the executive secretary of the International Peritoneal Dialysis Society. Prowant organized and chaired a meeting of nurses at the Berlin Symposium.

Dennis Wright, associate professor of psychology, and **Vincent St. Omer**, associate professor in veterinary anatomy-physiology, have received a \$127,528 contract from the National Center for Toxicological Research in Arkansas. The team will study the sensitivity of some neurotoxicologic test methods.

Hans Mauksch, professor of family and community medicine, was a response panel member for "Observational Research Methods and the Data Processor." The July 14 panel was a part of the College of Home Economics' Development Seminar Series.

Howard C. Hopps, curators professor in pathology, co-authored an article with **Boyd L. O'Dell**, professor of biochemistry, titled "Introduction and Conclusions," which appeared

in the June 1981 issue of *Federation Proceedings*.

He and **S. Roy Koirtzobann** professor of chemistry, co-authored "Sample Selection, Collection, Preservation and Storage for a Data Bank on Trace Elements in Human Tissue," which appeared in the June 1981 *Federation Proceedings*.

Hopps' article, "What Do We Know and What Should We Know About Concentrations of Trace Elements in Human Tissue," appeared in *Trace Substances in Environmental Health - XIV*. He presented this report at the 14th Annual Conference on Trace Substances in Environmental Health held June 2-5 in Columbia, Mo.

Corinne Farrell, professor of radiology and bio-engineering, was the invited speaker for the 90th Commencement program at her alma mater, Central Washington University in Ellensburg, Wash.

Friedhelm Schroeder, assistant professor of pharmacology, has been awarded membership in the American Society for Biological Chemists.

David Bylund, assistant professor of pharmacology, has been selected to join the editorial board of the *Journal of Pharmacology and Experimental Therapeutics*.

Javad Kashani, assistant professor of psychiatry, has written about childhood depression for "Psychiatry 1982: American Psychiatry Association Annual Review."

Kashani will also discuss childhood depression as a panelist at the APA's annual meeting next May in Toronto, Canada.

Leonard Forte, associate professor and interim chairman of the pharmacology department, and **Mary Thomas**, assistant research professor, recently presented their research findings at the annual meetings of the American Society for Bone and Mineral Metabolism and the Endocrine Society in Cincinnati. Forte co-authored four abstracts and Thomas co-authored three abstracts.

Philip C. Anderson, professor of medicine and director of the dermatology division, and **Stephen D. Behlmer**, former resident in dermatology, had an article entitled "Herpes Simplex Infections Complicating Parturition" in the May issue of the *International Journal of Dermatology*.

Anderson also co-authored an article with **Robert D. Hall**, assistant professor of entomology, "Brown Recluse Spider Bites: Can They Be Prevented?," which appeared in the May issue of *Missouri Medicine*.

William G. Dunagin, assistant professor in dermatology, has been reappointed to the School of Medicine admissions committee.

Larry E. Millikan, associate professor in

dermatology, was co-director of a Continuing Medical Education Clinical Virology Update held May 1-2 in Sun City, Arizona.

He also participated in a Family Medicine conference May 12 at the Health Sciences Center, where he presented "Perils of the Pto - Treatment of Bites and Stings".

Millikan presented "Reactive Arythemas and Exanthema" and "Complement and General Immunology" to the Georgia Society of Dermatologists May 15-17.

E. L. Forker, director of the division of gastrointestinal and liver diseases, and **Bruce A. Luxon**, research lab assistant, had an article entitled "Albumin Helps Mediate Removal of Taurocholate by Rat Liver" in the May issue of the *Journal of Clinical Investigation*.

Luxon also has received a \$1,500 grant from the American Liver Foundation for research on the physiology of the liver.

Mokoto Takano, instructor in the department of medicine, presented a paper titled, "The Purification and Biochemical Characteristics of SM Antigens" at the American Federation for Clinical Research conference in San Francisco on April 27.

Takano was at the Health Sciences Center as a post-doctoral fellow in Rheumatology from 1978 until he returned to Kelo University in Tokyo, Japan in late June.

Jane Berkelhammer, assistant professor of medicine and biological sciences, presented a poster session "The Correlation of In Vitro Lymphocyte Reactivity with In Vivo Swine Melanoma Growth Regression" April 27 at the American Association for Cancer Research in Washington, D.C. She also chaired a session on NK Cells and T-cell Products.

Gordon Brown, professor and director of the Health Services Management graduate program, was on the faculty of the First International Course of Education for Health Services Administration June 15 - July 3 in Lisbon, Portugal. He and 54 health leaders from 28 countries discussed how to assess and improve health services management in their countries. Brown presented sessions on management self-assessment methodologies and curriculum development.

Michael Perry, associate professor of medicine; **Henry Taylor**, associate professor of pathology; and **Ali Khojasteh**, former instructor of medicine, had a case study titled "Chronic Myelocytic Leukemia Developing as a Second Cancer in a Patient with Chronic Lymphocytic Leukemia" appear in the May/June issue of *Cancer*.

This Week



Telescope observing will be open to the public on Friday nights, September 11 through November 20, weather permitting. The Observatory, located on the roof of the Physics Building, will be open between 8 and 10 p.m. An astronomical film will be shown every Friday evening at 7 p.m. Charles Peterson, assistant professor of physics, is shown beside the major telescope at Laws Observatory.

11 Friday

Seminar: "Defective T Lymphocyte Activities in Patients with Multiple Sclerosis," Professor Howard Gebel,

Department of Pathology, Washington University School of Medicine, 1:40 p.m., M640 Medical Sciences Building.

Astronomy Film: "Music of the Spheres" Astronomical history up to the Renaissance. 7 p.m., 114 Physics. Free telescope observing on top of the Physics Building afterward.

MSA Film: "Manhattan," and "Annie Hall," 7 and 9:30 p.m., Jesse Aud. Tickets 75 cents in advance, \$1 at the door.

12 Saturday

MSA Film: "Everything You Wanted To Know About Sex," and "Stardust Memories," 7 and 9:30 p.m., Jesse Aud. Tickets 75 cents in advance, \$1 at the door.

13 Sunday

Museum of Art and Archaeology General Tour: 2 p.m., Pickard Hall.

Argos Film: "The Wizards Apprentice" and "Kid Millions," family program, 3 p.m., 106 Pickard Hall. Tickets \$1.

University Film Series: "The Clowns," 7 and 9 p.m., Ellis Aud.

MSA Free Film: "Bridge Over River Kwai," 8 p.m., Jesse Aud.

14 Monday

Humanities Lecture: "Greek Drama," Hannelore Jarausch, 11:40 a.m., Ellis Aud.

Women's Center: "Drinking Beer, Dating Boys and Losing Weight," Patty Blake, intern UMC Counseling Services, noon, 1 Gentry.

MSA Craft Studio: Slide Shows, "New Stained Glass: Innovative works

by 10 American Artists," and "Wooden Works," exhibition of furniture. 7 to 9 p.m., Craft Studio, 203 Brady Commons.

University Chess Club: Club championship play to begin at weekly meeting. 7 p.m., C215 Brady Commons.

15 Tuesday

University Club Luncheon: Buffet lunch; speaker, Head Coach Warren Powers, "81 Football Team." 11:45 a.m., N214-N215 Memorial Union. Members and guests.

MSA Craft Studio: Slide Show, "Functional Pottery," "Toshiko Takeazu," functional and sculptured works, 1975, and "Women Artists in Clay," 7 to 9 p.m., Craft Studio, 203 Brady Commons.

16 Wednesday

Museum of Art and Archaeology: Mini-tour: "American Landscape Painters of the 19th Century," poetic visions of the Old World by New World artists' 12:25 p.m., Pickard Hall.

MSA Craft Studio: Slide Show, "Wearable Art," 7 to 9 p.m., Craft Studio, 203 Brady Commons.

Women's Center: "How Men View Women." Three men's perspectives. 7 p.m., 1 Gentry.

MSA Free Film: "Fellini's Satyricon," 8 p.m., Jesse Aud.

17 Thursday

Women's Center: "Avoiding Frogs in Your Search for Prince Charming," Colleen Voss, intern UMC Counseling Services, noon, 1 Gentry.

University Film Series: "The

Learning Tree," 8 p.m., Ellis Aud.

18 Friday

Astronomy Film: "The Starry Messenger," Galileo and experimental science, 7 p.m., 114 Physics. Free telescope observing on top of the Physics Building afterward.

University Theatre: "The Rainmaker," 8 p.m., University Theatre. Tickets \$4 by mail or at the theatre box office.

MSA Film: "Ordinary People," 7 and 9:30 p.m., Jesse Aud. Tickets 75 cents in advance, \$1 at the door.

19 Saturday

MSA Film: "The Man with Bogart's Face," 7 and 9:30 p.m., Jesse Aud. Tickets 75 cents in advance, \$1 at the door.

University Theatre: "The Rainmaker," 8 p.m., University Theatre. Tickets \$4 by mail or from theatre box office.

Exhibits

Special Collections, University Library: "Women: Impressions on Paper." An exhibition of finely printed books dedicated to the women involved in their creation. Through Sept. 27, hours are 7:30 a.m. to 11:00 p.m., Monday through Thursday; 7:30 a.m. to 7 p.m. Friday; 8 a.m. to 5 p.m. Saturday and 2 p.m. to 11 p.m. Sunday, Exhibition Corridor, 4 East, Ellis Library.

Fine Arts: "Midwest Series" Wood sculpture by Timothy Curtis, through Sept. 26 at the Fine Arts Gallery.

More groups and classes open to UMC faculty, staff

Adult education

Not all classes have started yet this fall. Adult education courses for full-time University employees won't begin until the week of Sept. 14.

If you'd like to brush up on your shorthand or learn how to operate a word processor, the University will pick up the tab for the class while you buy the books and other required materials.

Registration should be completed by Sept. 14. Applications are available in the Office of Human Resource Development, 809 Lewis Hall. Call 882-4859 for more information.

The following classes, held in Hickman and Douglass schools, are offered this fall, starting the week of Sept. 14:

200 Basic Accounting; 201 Basic Accounting; 202 Traditional Shorthand; 203 Alphabetic Shorthand; 204 Shorthand Review/Dictation; 205 Beginning Typewriting; 206 Beginning Typewriting; 207 Typing Review; 208 Typing Review; 209 Business Letter Typing;

212 Medical Terminology; 213 Being A Ward Clerk; 214 Introduction to ANS Cobol Computer Programming; 215 ANS Cobol - Something More; 216 Intro To Computers and Data Processing; Individualized Office Machines; 217 Intro To Computers and Data Processing; 218 Business Grammar Review; 219 Certified Professional Secretary's Review; 300 Algebra; 304 Improving Understanding of

English Grammar; 306 Beginning Manual English; 307 Improving Your Reading Skills; 502 General Drafting; 1020 Alternating Current/Direct Current Fundamentals; 1025 Practical Electricity and House Wiring; 1030 Basic Refrigeration and Air Conditioning; 1031 Advanced Refrigeration and Air Conditioning; 1040 Small Engine Maintenance and Repair; 1050 Basic Oxy-Acetylene Welding; and Adult Learning Center Programs.

Counseling groups

UMC Counseling Services will be offering faculty, staff, students and retirees a variety of group experiences designed to help individuals learn about themselves and their interactions with others.

The following groups are offered this fall, most beginning mid- to late September. To sign up or for additional information call 882-7078 or stop by 100 Noyes.

• **Interpersonal Growth Group**—designed for people who want to make their relationships more satisfying.

• **Therapy Group**—for people whose daily functioning is limited by personality factors that prevent or threaten to prevent the person from adequately experiencing the self in relation to surroundings. Individual counseling included.

• **Single Parent Group**—focus on the special problems of single

parenting.

• **The Male Experience**—for men of all ages to discuss masculinity, socialization, competition, career decisions, relationships, intimacy, power and self-acceptance.

• **Eating Behavior Group**—for people who believe their eating behaviors are out of control.

• **Learning to Cope With Depression**—emphasis on the relationship between an individual's thoughts and feelings and how to develop strategies to monitor and overcome depression.

• **Assertiveness for Women**—a group experience which will include role play and discussion about incorporating assertiveness into a variety of interpersonal interactions.

• **Dual Career Couples**—designed to explore how our jobs affect our partners and how our partners affect our jobs.

Craft classes

MSA Craft Studio and Darkroom, 203 Brady Commons, is open to students, faculty, staff, retirees and their families. Both facilities are well-equipped and inexpensive, providing tools, workspace, instruction and a friendly atmosphere.

Tickets for all workshops should be purchased in advance at the MSA Ticket Window in the Memorial Union between 8:30 a.m. and 3:30 p.m. daily. Fees are kept as low as possible through the money given each year by

MSA.

Memberships, which allow the use of the craft studio and darkroom, are available for \$9 for students, \$12 for student families and \$15 for faculty, staff, retirees and families.

Workshops and other classes offered this fall include:

• **Ceramics**—Six sessions, beginning Oct. 19, 7 to 9 p.m., \$14.

• **Pot Throwing**—Three private one-hour sessions, beginning anytime throughout the semester, \$12.

• **Qualifying Course** (required to use power tools in wood workshop) - Three one-hour sessions, beginning anytime throughout the semester, \$5.

• **Basic Woodworking**—Six sessions, beginning Oct. 20, \$14.

• **Tapestry Weaving**—Six Sessions, 7 to 9 p.m., beginning Oct. 22, \$14.

• **Four Harness Weaving**—Six sessions, 7 to 9 p.m., beginning Oct. 20, \$18.

• **Stained Glass**—Six sessions, 7 to 9 p.m., beginning Oct. 21, \$14.

• **Black and White Photography I**—Six sessions, 7 to 9 p.m., beginning Oct. 19, 29, 21 and 22, \$14.

• **Color Printing**—One four-hour session, beginning anytime throughout the semester, \$35.

• **Slide shows** to be held throughout the semester from 7 to 9 p.m. at the MSA Craft Studio include:

Ceramics—Nov. 3

Fiber—Sept. 16, Nov. 4

Glass and Wood—Sept. 14, Nov. 1

For further information, call the MSA Craft Studio at 882-2889 or stop by and visit at 203 Brady Commons.

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