

# MIZZOU WEEKLY

University of Missouri-Columbia June 27, 1986



## Budget allocations proposed

### *Proposed fiscal 1987 budget includes increase in funds for salary-and-wage base.*

The University's fiscal 1987 budget being proposed to the Board of Curators is expected to allow at least an average 4 percent salary-and-wage increase on the UMC campus, says Duane Stucky, vice chancellor for Administrative Services. Raises would become effective Sept. 1. In addition, about \$3 million more is anticipated for specific programs in fiscal 1987, which begins July 1, 1986.

UMC's general operating budget is expected to be about \$165 million, which reflects about a 6 percent total budget increase for the campus. The 6 percent figure includes a 2.4 percent increase for targeted areas: Food for the 21st Century, molecular biology and the engineering equipment fund. The curators will consider the proposed budget at the July 14-15 meeting in Kansas City.

The state appropriation for Mizzou's general operating budget is expected to be between \$110 million and \$110.5 million. Other components of the \$165 million budget include \$43 million available through tuition and fees, and \$11.5 million available through other sources, including federal appropriations.

The legislature earmarked funds for two of the three UMC programs tagged for eminence in the University's long-range plan. The money will be used primarily for program enhancement and additional faculty. Molecular biology is slated to receive \$1 million, and \$2 million is to go to Food for the 21st Century. These two programs cross the boundaries of the schools and colleges of Agriculture, Home Economics, Veterinary Medicine, Arts and Science, and Medicine. UMC's other eminence program, journalism, also will receive additional funds, as will enhancement areas identified in the long-range plan. The engineering equipment fund is to receive \$686,000.

Some \$100,000 was allotted for the operation of new buildings on campus, including the J. Otto Lottes Health Sciences Library, which opened last fall. The proposed

budget allocation also includes a \$323,000 increase in the Curator's Scholar program, which provides full or partial scholarships to students who rank in the top 3 percent of their Missouri high-school class and score at least in the 90th percentile on an aptitude test.

Other major allocations proposed for the 1986-87 budget include an average 4 percent increase in expense and equipment funds, a 4 percent increase for fuel and utilities and a 4 percent increase for library acquisitions.

Also planned are reallocations and reductions totaling \$1.8 million. Some \$960,000 will be redirected into priority areas, as called for by the long-range plan. Income shortfalls from the federally supported Agricultural Experiment Station and the Cooperative Extension programs account for most of the remaining reductions.

The budget allocation also reflects \$500,000 in increased income from recovery of indirect costs associated with research activities. Indirect costs are the overhead costs associated with administering a grant. At UMC, a portion of that money is turned back to the grant-winning program as an incentive to increase research efforts.

## DeFleur opens door to faculty

### *Incoming Provost Lois DeFleur aims for 'good, happy, productive faculty and students.'*

Lois DeFleur says she does not see herself as an ivory-tower administrator. And last week, the provost-elect made the first step toward establishing an open-door policy with UMC faculty members.

DeFleur took time off from her job at Washington State University to come to Columbia and meet with Faculty Council at a special session June 18.

Twenty of the 30 council members attended the meeting, at which DeFleur emphasized her top priority: "getting to know the faculty."

"I intend to listen to the faculty and be open and be accessible as far as that is possible."

Currently the dean of humanities and social sciences at Washington State's College of Sciences and Arts, DeFleur was selected from a field of 70 applicants to replace former Provost Ron Bunn who left the post in January to return to teaching and to attend law school. She will start her new job July 21.

A sociology professor for 18 years before becoming a dean, DeFleur described herself as a faculty-type administrator. "I want to



Lois DeFleur, left, and Chancellor Barbara Uehling met with Faculty Council June 18. DeFleur will begin her job as UMC provost July 21.

establish a sense of trust, a sense of community and a sense of shared purpose between the faculty and the provost's office," DeFleur says. She emphasized the need to eliminate adverse relationships between faculty and administration. "This 'we-they' thing—I hope we can just quit talking about that.... Let's have open disagreements common to higher education. There's never enough (money) to go

around, but priorities have to be established."

DeFleur says she will work hard to provide strong leadership and to help the faculty achieve its goals. "A university is the faculty and the students—administrators are simply the facilitators," she says. "If you don't have good, happy, productive faculty and students, you don't have a university."

## Brewer/Rothwell plans developing

On June 16 and 17 architects met with faculty, staff and students to discuss alternative approaches to the renovation and expansion of Brewer Fieldhouse and Rothwell Gymnasium.

At the meeting—called a "charrette"—participants attempted to come up with the best feasible design that would incorporate a number of major improvements to the Brewer/Rothwell facility.

These changes include adding six Universal basketball/volleyball courts; six racquetball courts, two of which would be marked for squash; a weight training area of approximately 5,000 square feet; a multi-use exercise/aerobics room of 5,000 square feet; two saunas; one elevator for wheelchair access to all parts of the facility; an elevated track; and new storage areas and security stations.

About 15 people attended the charrette. Discussions were led by representatives from the architecture firms of Gastinger Rees Walker from Kansas City and Bussard Dikis Associates Limited Architects from Des Moines, Iowa.

On the second day, participants settled on a design that calls for building an addition to the west side of Brewer. The addition would house three racquetball courts and six basketball/volleyball courts, with a one-sixth-mile track located above the courts.

The addition would eliminate the parking lot on the west side of Brewer as well as six lower-level tennis courts and one upper-level court on the south side of the building.

The renovation of Brewer would include adding three new racquetball courts to the east side of the existing courts, which in turn would increase the floor space for weight training and exercise areas above the courts. A new storage area would be built in the northeast corner of the building underneath the existing balcony.

Please turn to Page 8.



### CASH IN ON SURPLUS ITEMS

Excess items can mean extra cash for University departments. Just check with Materials Management. Departments receive 80 percent of the proceeds when their good, usable surplus equipment is sold through Materials Management. To submit items, send Form 27 to Materials Management, 102M General Services Building. Materials Management will pick up the property and deliver it to the Rock Quarry Warehouse. University departments may buy surplus property with IDO's at the warehouse from 8 a.m. to 5 p.m. daily. Items not sold to departments are sold at public auctions. With questions, call 882-3201, extension 33.

### ASBESTOS PROJECT STRESSES SAFETY

Asbestos is being removed from some campus buildings. These projects are being conducted in stages so that entire buildings are not involved at any one time. After removing asbestos from an area, workers respray the ceiling with new asbestos-free plaster. Since the new plaster poses no health threat, doors and windows may be open during this phase. Environmental Health and Safety reminds faculty and staff that asbestos is not being removed when doors and windows are open. Any failure of safety measures would result in immediate shutdown of the project. With questions, call Environmental Health and Safety at 882-7018.

### GRANT SUPPORTS DIABETES STUDY

The Cosmopolitan International Diabetes Center will receive nearly \$4 million over a seven-year period for its research in the Diabetes Control and Complications Trial. The international study is sponsored by the National Institute of Diabetes and Digestive and Kidney Diseases, a component of the National Institutes of Health. The Cosmopolitan center is one of 26 diabetes centers in the United States and Canada participating in the study, which compares the effectiveness of different treatment methods in preventing or delaying serious complications. Volunteers with insulin-dependent diabetes are needed for the seven-

year study. Participants should be between the ages of 13 and 39 and must have had insulin-dependent diabetes for at least one year but not more than 15 years. They must not have severe complications of diabetes and should not take any more than two insulin injections a day nor use an insulin pump. Interested volunteers should call 882-2635.

## Construction funds sought

*Curators prepare request for state capital improvement funds for fiscal 1988.*

Five new construction and major renovation projects on the Columbia campus are included in the University's request for state capital improvement funds for fiscal 1988. The money would fund improvements during the budget year beginning July 1, 1987. At its June 12-13 meeting in Portageville, Mo., the Board of Curators decided to seek \$140.6 million in state funds for improve-

ments on all four campuses, with \$50.8 million slated for maintenance and repair. The request includes \$48.2 million for new construction and renovation. The balance of funds sought would pay for equipment replacement, life safety projects, handicapped accessibility and animal-welfare projects. The request may be altered depending on gubernatorial action regarding the fiscal 1987 capital budget.

Funding requests for new construction and major renovation at UMC include:

- \$16.35 million for 89,500 square feet of engineering lab and classroom facilities adjacent to the existing engineering complex.
- \$120,000 for planning the second phase of Ellis Library expansion.
- \$210,000 to plan a new veterinary medicine building and update existing facilities.
- \$250,000 to plan an agricultural research lab to enhance resources for Food for the 21st Century and molecular biology, programs tagged for eminence in the University's long-range plan.

The University also is seeking \$250,000 as part of its plan to boost its research reactor located on the UMC campus from 10 megawatts to 27 megawatts. The money would fund the design of a 33,000-square-

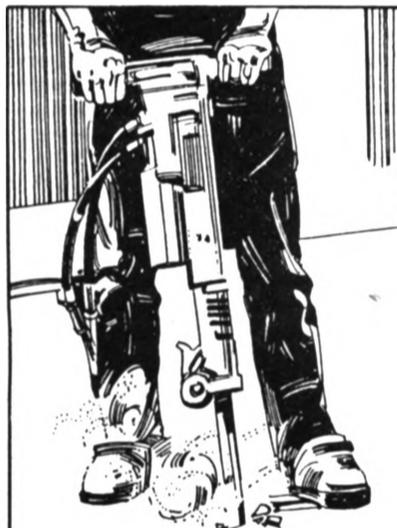
foot addition to the reactor, which at 10 megawatts is the most powerful university research reactor in the country.

The capital improvements request will be sent to the Coordinating Board for Higher Education, the governor's office and the General Assembly.

Regarding other budget matters, the board discussed an estimated UM general operating budget for fiscal 1987, which begins this July 1. The board will consider adoption of the budget at its July 14-15 meeting in Kansas City, when final figures will be available from the governor's office.

In other business, the curators approved:

- A \$403,176 contract with Knipp Construction Co. of Columbia for renovation of Townsend Hall's third floor.
- A \$504,000 contract with Digital Equipment Corp. of St. Louis for a computer system for UMC's Design Productivity Center.
- A \$203,825 contract with Young Sales Corp. of St. Louis for reroofing Rothwell Gym, Brady Commons and Cramer and Stafford halls.
- A \$771,700 contract with B.D. Simon Construction Co. of Columbia for Boiler No. 11 foundations and structures for power plant expansion at UMC.



Any person who currently has a payroll deduction for parking and who **does not** have a current permit should contact our office so that the necessary adjustment can be made.

Resurfacing is scheduled for WG-11 to begin shortly and AV-2 for July 2 and 3. Jesse Hall Visitor Lot will be temporarily closed for construction in the near future. During that time please direct visitors to the Hitt Street Lot or call our office for special arrangements.

### Look what's new at General Stores.



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**Q. Does the city or the University have any plans to improve water runoff problems and inadequate storm sewers on Hospital Drive? When it rains more than a shower, the water runs at least 10 inches deep, making it impossible to cross from HSC4 parking lot to the hospital.**

**A.** "The University is aware of this problem and is developing plans to correct the storm water drainage in the area between Monk Drive and Porter Street," says Phil Shocklee, assistant director/communications for Campus Facilities. New curbs, walks and other landscaping improvements also are planned. "The project is quite expensive and therefore it will be several years before all plans are completed."

**Q. If current faculty/staff IDs card are supposed to be valid through July 31, I'd like to know why the University Bookstore will not allow me to cash a check with my old ID?**

**A.** Faculty and staff may use their old cards for check cashing and all other purposes through the end of July, says Charles Hunter, manager of employment services for Personnel Services. Because this is a transitional period, there has been some confusion about the old ID cards, Hunter says. Individuals experiencing problems related to the use of IDs should contact Hunter at 882-7976 or Gary Zwonitzer at 882-7629.

Send your questions about campus matters to Mizzou Weekly, 1100 University Place. You must include your name and phone number so we can reach you, if necessary.

## Dockweiler named director of accountancy

The new director of the School of Accountancy is Raymond Dockweiler, associate professor of accountancy.

An expert in auditing and governmental accounting, Dockweiler was assistant director of the school from 1975-79. He has been with Mizzou since 1968.

Dockweiler replaces Rick Elam, who was named dean of business studies at Rutgers University's Camden, N.J., campus.



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## HUMMINGBIRDS SWEET ON SUGAR

For a good look at hummingbirds, try putting a bright-red feeder filled with sugar water in the yard.

Plain sugar and water will do if the birds have access to nectar and insects to balance their diet, says DeeCee Freiling, UMC wildlife specialist.

When trying to attract birds to the feeder, mix one part sugar to four parts water. Then switch to a one-to-five solution. And don't try to dupe the birds with artificial sweetener.

"They want and need all the energy sugar gives them," Freiling says. If humans had a metabolic rate as high as hummingbirds, they would need 155,000 calories a day!



## PRESERVING TRADITIONAL ARTS

Do you know of a native American shawl dancer, a carnival pitchman or a retired river boat captain who can spin a fabulous yarn? The Missouri Cultural Heritage Center is seeking traditional performers such as these as part of its Missouri Performing Traditions program.

The program is an expansion of Missouri Musical Traditions; the name change reflects the program's new direction.

The program will involve field research to locate and document the state's traditional performers in rural, urban and ethnic communities.

For more information, call 882-6296.

## 'SUPER BACTERIA' AID CROP GROWTH

Tiny "super bacteria" hold the key to breakthroughs in crop and food production, says a UMC scientist. These bacteria are needed for the nitrogen-fixation process in which soybeans and other legumes take nitrogen from the air and convert it into protein for the plant.

"We've identified one of the bacterial genes that triggers the nitrogen-fixation process," says Steve Pueppke, professor and chair of plant pathology.

"This finding gives us a genetic handle on the important nitrogen-fixation process. And once we understand the process, we can improve it," he says.

According to Pueppke, it's easier

and quicker to improve plant growth and quality by improving the nitrogen-fixing bacteria.

"That's because it takes 90 days to grow a generation of beans and only two to seven hours to grow a generation of bacteria."

The study is part of the Food for the 21st Century project. The project's aim is to conduct basic research to give this planet the food production it needs for the population of the next century.

# Employees offered variety of benefits

The University's employee benefits package is a four-campus, \$50 million undertaking. It provides coverage for 15,000 active and retired employees.

One of the most surprising aspects of the package is that many employees are simply not aware of what is available and how they can take advantage of benefits at a reasonable cost, says Mary Ann Tipton, manager of UM Employee Benefits.

Summarized below are the seven basic benefit programs that provide medical, life and other insurance for employees.

- The life insurance program is the most popular with University employees. Nearly 95 percent of active UM employees participate in one of three options.

Plan A is paid for entirely by the University and provides up to an amount equal to the employee's annual salary rounded to the next highest \$1,000. The cost for Plan B and Plan C coverage is shared by the employee and the University. Plan B provides two times the employee's annual salary and Plan C provides coverage equaling three times the employee's annual salary.

- The medical benefits program also is popular with University employees, with approximately 85 percent of employees participating. With deductible limits of \$100 or \$500, the plan provides comprehensive coverage for employees and their families.

The University contributes approximately two-thirds of the total cost of the medical benefits program for its employees. The remainder of the cost is funded through payroll deductions from employees.

- The long-term disability program provides participating employees with salary continuation when a disability lasts longer than five months. If an employee is disabled before reaching age 62, benefits can

continue as long as the employee remains disabled or reaches age 65.

"This is the benefit program with the lowest enrollment in the UM system," says Tipton. "Slightly more than 50 percent of our employees participate."

The University contributes 25 percent of the long-term disability program's cost, and participating employees make up the rest. The program provides up to two-thirds of the enrolled employee's salary as benefits, with a maximum annual benefit of \$36,000.

- Only about 53 percent of UM employees participate in the accidental death and dismemberment plan, a group insurance plan offering financial protection in the event of accidental death or the loss in an accident of hands, arms, feet, legs or eyesight.

"The low enrollment in this program may be due to the fact the employee pays the entire cost of this coverage," Tipton says. "But the maximum premium for the employee, spouse and children is only \$9 per month and provides up to \$150,000 in principal coverage."

- The University pays the entire cost of the retirement disability and death benefits plan through the maintenance of a trust fund. The plan's features include basic retirement benefits at age 65, benefits for early retirement from age 55 through 64, disability retirement benefits and benefits for widows, widowers and dependent children after the death of an employee with at least five years of service.

- Slightly more than 75 percent of UM employees are enrolled in the dental benefits program that became effective in January 1982. The University contributes approximately half the total cost of the coverage.

- Under the tax-deferred annuity program, employees can exclude a limited portion of their salary from their taxable income. The receipt and taxation of that money is deferred until a later date. The program was established by the Internal Revenue Service as a method to encourage employees to save for retirement. Employees can choose from a wide array of commercial annuity companies and mutual funds in which to invest the money to provide retirement income.

In addition to the seven programs listed above, the University has various other benefits that take the form of salary contin-

uance when an employee is absent from the job.

These include sick leave; personal days; vacation; jury duty; time off for voting; official University holidays; absence due to death in the family; military benefits; training and development programs; and the educational assistance program.

All University benefits are open to employees regardless of their position or title. The only provision is that the eligible employee be scheduled to work at least 30 hours each week and have an appointment of at least six months.

New employees at UMC are invited to attend benefit orientation programs for a more comprehensive review of the University's benefits. Experienced employees also are welcome.

The programs are held at 9 a.m. on the first and third Wednesdays of each month in the Training and Development Room in the Heinkel Building.

"We can't make choices for employees," Tipton says, "but we can answer questions and help employees consider options that will provide them and their families with the most desirable benefit package available, which is also appropriate for their particular situation."

## Members join Staff Council

At the June 12 Staff Council meeting, Chair Jo Pflieger announced the resignations of two council members.

Alice Prince, licensed practical nurse, has resigned due to a prolonged illness. Martha Magill, senior academic adviser, has resigned because she is leaving the University.

Pending approvals, Prince, a representative from the technical-paraprofessional category, will be replaced with Carol Romano, library assistant I in the Health Sciences Library, and Magill, a representative from the administrative-professional category, will be replaced by George Hough, ticket manager for Intercollegiate Athletics. Romano and Hough were runners-up for those two categories in last fall's Staff Council elections.

Council members decided the group will meet only once a month—on the second Thursday—in July and August. Toni Gordon, assistant manager of Sameday Surgery, called for a renewed commitment from council members to meet in committee and to address the concerns of staff.



## Need Multiple Copies at Night or on Weekends?

Grants, manuscripts and proposals are not always written between 9 and 5. If you are working on projects in the evening or on weekends and "quick copy" is closed come to

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# MIZZOU PEOPLE

**JOHN C. REID**, professor of higher and adult education and foundations, co-wrote a paper on hemodynamics of patients following open-heart surgery, published in *American Surgeon*.

**ROBIN REMINGTON**, professor of political science, wrote "Eastern Europe and the Warsaw Pact" for the United States Information Agency Wireless File, which was dispatched to 204 USIA posts in 124 countries. She presented a paper, "Problems of Political Cohesion of the Warsaw Pact," at the International Conference on the Warsaw Pact and the Question of Cohesion, held at Carleton University. At the Western Slavic Association meeting in Portland, Ore., Remington gave "Romania: Boundary Disintegration Between East and West."

**BARBARA REYS**, assistant professor of

curriculum and instruction, and higher and adult education and foundations, and **ROBERT REYS**, professor of curriculum and instruction, co-wrote a chapter, "Teaching Computational Estimation: Concepts and Strategies," in the 1986 National Council of Teachers of Mathematics Yearbook, *Estimation and Mental Computation*. Barbara Reys served on the editorial committee for the yearbook. Robert Reys also wrote a chapter, "Evaluating Computational Estimation," in the yearbook.

They published "One Point of View: Mental Computation and Computational

Estimation—Their Time Has Come" in *Arithmetic Teacher*.

**VERNA A. RHODES**, assistant professor of nursing, received a \$1,000 award in April from the Alpha Iota Chapter of Sigma Theta Tau to continue oncology research. The award was made possible by the philanthropy of Margaret Allen of Sikeston, Mo.

Rhodes and **PHYLLIS WATSON**, assistant professor of nursing, published "Association of Chemotherapy Related Nausea and Vomiting with Pretreatment and Post-treatment Anxiety" in *Oncology Nursing*



Fitness expert Kenneth H. Cooper advocates regular exercise.

## Striking a healthy balance

Exercise is an essential part of a total wellness program, says Kenneth H. Cooper.

The physician who runs 15 miles each week and has written five fitness-related books spoke at UMC May 19. His dynamic talk, packed with articulate and enlightening information, was part of the first Aerobics and Total Wellness program, sponsored by the School of Health Related Professions.

"The physiological and psychological benefits of exercise are impressive," Cooper says. "Can you afford not to?" Cooper's wellness approach includes proper ex-

ercise, appropriate diet and emotional balance. He is credited with getting more people to exercise than any other person. Also, his research of coronary heart disease and the risk factors that lead to heart disease are recognized worldwide.

Today more people exercise than ever before. In 1968, only 24 percent of the adult population exercised regularly, but by 1984, an all-time high of 59 percent of Americans was exercising regularly.

Cardiovascular fitness is an important part of good health, Cooper says, ranking cross-country skiing as the No. 1 activity, followed by swimming, running or jogging,

cycling and walking.

Cooper stresses safe, effective exercise consisting of appropriate warm-up, the aerobic activity and a cool-down period. "I recommend moderation and balance," he says. "Extremes are difficult to continue."

"The aerobic dancer who works out beyond four hours a week or the runner who runs more than 15 miles each week are doing it for more than cardiovascular fitness."

In the last 15 years, the concept of physical fitness has changed radically. Today 200 hospitals cater to wellness by providing medical examinations, stress testing, and dietary and exercise recommendations. In 1970, Cooper founded the first preventive medicine clinic. The Aerobics Center of Dallas has treated 52,000 patients from around the world.

As more people exercise regularly, smoke fewer cigarettes, make efforts to control high blood pressure and watch their diets, life expectancies increase. For a person born in 1985, the average life span is 75 years, whereas for a person born in 1960, the average is 69 years.

Today's fitness awareness pays off, Cooper says, citing that in 1984-85 the smallest increase in health care costs occurred since the 1960s. In 1983, health care costs were \$350 million, and by the year 2000, costs are expected to be \$1.9 trillion.

The single best thing people can do to improve their health is to stop smoking, Cooper says. This is a switch from the late 1960s when he wrote "Aerobics." Then he told people that if they exercised regularly, there was no need to adhere to a proper diet or to stop smoking.

Diet affects one's health. "Most people eat 50 percent of their daily calories at the evening meal," Cooper says. "This causes peak metabolism to occur during sleep. The body stores fat, and excess weight results." He recommends consuming 75 percent of daily calories before 1 p.m. for effective weight loss.

Cooper, who was Jim Fixx's physician, says the famous runner's death July 20, 1984, created a runners' scare. Fixx, who wrote "The Complete Book of Running," died from heart disease, not jogging, says Cooper. His death prompted Cooper to write "Running Without Fear" in 1985 to clarify myths on the vulnerability of exercise.

Cooper's approach to good health is realized in the life longevity statistics. "It's what we're doing for ourselves," he says. "We don't have to die as young as we do."

## FOR THE RECORD

**PRESCRIPTION CLAIMS:** All prescription receipts submitted as claims under the University's medical benefits plan must include the name of the drug and the prescription number in order for an employee to be reimbursed for these expenses. After July 1, Provident Life and Accident Insurance Co. will return incomplete prescription claims to employees for resubmission.

**SUMMER HOURS:** The computing site in 209 and 210 Brady Commons will be open from 8 a.m. to 9 p.m. weekdays and from 9 a.m. to 2 p.m. Saturdays through Aug. 1. The site will be closed during intersession.

**CLARIFICATION:** The June 13 Mizzou Weekly stated that faculty and staff should avoid using Avis Rent A Car System due to a change in liability insurance requirements. However, the new requirement may not apply in all cases. Therefore, faculty and staff may rent from Avis unless they are required to list Avis as an additional insured under the University's self-insured auto/general liability program.

**DAY-CARE:** A staff member's daughter-in-law who is a certified teacher is offering day-care in her home for ages 3 and up. Lunch, learning activities, reasonable rates, close to campus. Call 443-3637 anytime.

## Brooks named Post-Dispatch professor

Brian Brooks, BJ '67, MA '69, managing editor of the Columbia Missourian, will continue as the St. Louis Post-Dispatch Distinguished Professor of Journalism for the 1986-87 school year. He has held the position since the chair was established in 1983.

The distinguished professor chair is made possible through a \$20,000 annual gift to the school to supplement Brooks' salary.

"We are very appreciative and proud of the support, and commitment the Post-Dispatch has given the school over the years," says Dean James D. Atwater.

Brooks, an associate professor, joined the faculty in 1974. He is the co-author of two books about reporting and editing.

# Minority students introduced to campus

Minority students will be encouraged to pursue professional degrees through three programs on the Mizzou campus.

This summer, 10 mid-Missouri high-school juniors are taking part in an eight-week research program at the School of Medicine. Participants are working in cardiology, anatomy, physiology, microbiology and other areas. In addition, students work individually with faculty and attend seminars. The program, in its third year, is funded by a grant from the National Institutes of Health.

"Throughout the country, and Missouri is no exception, the percentage of minorities in medicine is less than it should be,"

says Edith Mitchell, assistant professor of medicine. The proportion of minorities in Missouri exceeds 11 percent, but only 2.7 percent of the state's licensed physicians are black or native American. "This program provides the impetus to encourage students to pursue careers in those fields."

In another effort to recruit minority medical students, the University and Lincoln University have established a cooperative premedical sciences program.

Five students from UMC and five from Lincoln will begin an eight-week enrichment program next June at the School of Medicine. Sessions will include an orientation to Medical School facilities and a two-

day study skills workshop. The balance of the program will prepare students for graduate and professional school admission tests.

"The major goal of this program is the identification and recruitment of minority college students from Missouri who demonstrate an interest in a premedical science program at UMC and Lincoln University," UM President C. Peter Magrath told the Board of Curators June 12.

At the Law School this summer, 37 minority and disadvantaged students from seven states are participating in a six-week intensive study. The students are part of the southern region's Council on Legal Educa-

tion Opportunity program, which the Law School has sponsored for the past five years. This is UMC's first time to be host of the event.

"The presence of the program is a demonstration of the Law School's ongoing commitment to minority recruitment and retention, plus a demonstration of our belief in affirmative action," says Professor Robert Bailey.

Participants have completed their undergraduate education but ordinarily would not have had the opportunity to attend law school. The program is funded by CLEO, the Law School, other regional institutions and UMC's Office of Equal Opportunity.

Forum.

**DWIGHT RIEMAN**, associate professor emeritus of social work, wrote "Notable Solutions to Problems in Mental Health Services Delivery," a monograph published by the National Institute of Mental Health.

**NAOMI RITTER**, associate professor of Germanic and Slavic languages, received a \$5,000 Weldon Spring Humanities Seminar Fellowship for 1986. The award will fund research for her book, "Purely Visual Spectacles."

**JOHN R. ROBERTS**, professor of English, was chair and organizer of a special session on Richard Crashaw at the Central Renaissance Conference held at the University of Kansas in April. He was elected the executive secretary of the conference.

**BOB ROBINSON**, assistant professor of religious studies, presented a paper on "Levels of Naturalization in Obadiah" at the Society of Biblical Literature annual meeting in Anaheim, Calif. He received a Research Council Leave Fellowship for study at Yale during fall 1986 and a National Endowment for the Humanities Summer Stipend for summer 1986.

**MARVIN ROGERS**, associate professor of political science, served on a panel, Problems of Development in Southeast Asia, at the Midwest Political Science Association Conference in Chicago in April.

He published "Political Involvement and Political Stability in Rural Malaysia" in *The Journal of Commonwealth and Comparative Politics* and "Changing Patterns of Political Involvement Among Malay Village Women" in *Asian Survey*.

Rogers was chair of a panel at the Southwestern Political Science Association meeting in San Antonio, Texas, on the rise and fall of military regimes in the third world. Also at the meeting, he presented a paper, "Political Culture and Stability in Indonesia: A Study in Civil-Military Relations."

The teaching of **HARVEY ROSENFELD**, lecturer in religious studies, inspired one of his students to write a winning essay in the Student Foundation Chancellor's Writing Award contest. Cathy Bailey received \$500 for her essay on how Rosenfeld's teaching has positively influenced her educational development.

**SHEROD SANTOS**, assistant professor of English, gave poetry readings at the University of Southern California and at Valparaiso University in Indiana in March. His article, "Notes Toward a Defense of Contemporary," appeared in *The New England Review*. His poem, "Homage to the Impressionist Painters," was published in *The New Yorker*.

**DANIEL SCROGGINS**, associate professor of Romance languages, is coordinator of a grant from the Julius J. Oppenheimer Endowment for Liberal Education, with which newscasts and other programs in French and Spanish are recorded for classroom use. The computer-assisted instructional materials he wrote for the text "Que tal?" have been used in the department since fall 1985.

**ELMER O. SCHLEMPER**, professor, and **SCOTT SEARLES**, professor emeritus of chemistry, co-wrote "Allene Synthesis by Organo-Metallic Reactions" with three others for *Israel Journal of Chemistry*.

**JIM SHANER**, information specialist in the Agricultural Editor's Office, took the photographs for a special report on "The MOFARMS Story," which won a superior award from the Agricultural Communicators in Education.

**DAVID SKITEK**, associate professor of electrical and computer engineering, attended the Institute of Electrical and Electronics Engineers region five conference in Lafayette, La., in April.

**CHARLES SLIVINSKY**, professor of electrical and computer engineering, was appointed area activities newsletter editor for the Institute of Electrical and Electronics Engineers Computer Society for 1986. He is editor of *IIIE Potentials*, the institute's quarterly magazine for students.

**PAULA SOMMERS**, associate professor of Romance languages, presented "The Sinful Soul in Les Prisons: A Revisionist Reading" at the Medieval and Renaissance Conference in Sarasota, Fla., in March. She read "Infernal and Celestial Circles in

Les Prisons" at the Northeast Modern Language Association meeting in New Brunswick, N.J., in March.

Sommers published "Le Miroir de l'ame pecheresse Revisited: Ordered Reflections in a Biblical Mirror" in *Modern Language Studies*, "Marguerite's Persona in La Navire: False Vision and Perverted Petrarchism" in *Cincinnati Romance Review* and "The Miroir de l'ame pecheresse: A Feminist Reading of Scripture" in *Tulsa Studies in Women's Literature*.

**CAREY SOUTHALL**, professor of curriculum and instruction, presented a paper on "Project Excel—A Fifth Year Program of Induction into Teaching" at the 18th meeting of the Association of Teacher Educators in Atlanta. He also presented the paper at the American Association of Colleges for Teacher Education in Chicago.

**W.A. STAPP**, visiting assistant professor of Romance languages, read a paper on "El lirismo y el disparate: aliados en la comedia renacentista" at the Golden Age Drama Symposium in El Paso, Texas, in March.

**RODNEY STRAW**, resident in veterinary medicine and surgery, presented "A Study of the Use of a Vascular Skeletal Muscle Graft for Canine Esophageal Reconstruction" to the American College of Veterinary Surgeons meeting in Orlando, Fla., in February.

**ARVARH E. STRICKLAND**, professor of history, was elected to a two-year term as one of seven councilors of Phi Alpha Theta International Honor Society in History.

**ROBERT STROM**, associate professor of economics, was selected after a nationwide search by the National Awards Jury of the Freedom Foundation at Valley Forge to receive a George Washington Honor Medal in the category of Economic Extension. He is president of the Missouri Council on Economic Education.

**RITA TADYCH**, instructor in nursing, published "Nursing in Multiperson Units: The Family" in *The Science and Art of Self-Care* (1985).

**MICHAEL TEMPESTA**, assistant professor of chemistry, and **GEORGE E. ROTTINGHAUS**, assistant professor of veterinary biomedical sciences, were co-presenters of "Novel Trichothecenes from *Fusarium sporotrichioides*" at the 191st national American Chemical Society meeting in New York. Tempesta co-wrote "New Flavanones and Isoflavanones from the Cameroonian Medicinal Plants of *Erythrina*."

**ALLEN THIER**, professor of Romance languages, published a book, "Raymond Queneau."

**JAN THORNTON**, executive staff assistant I in the College of Education, won the "Best of Show" award in the Staff Recognition Week photo contest.

**DAVID E. TROUTNER**, professor of chemistry, received a \$10,000 grant from Dow/MRAA for a continuation of his study, "Development of Sm-153 Phosphonate Complexes as Therapeutic Agents for Bone Cancer."

Troutner and **E.O. SCHLEMPER**, professor of chemistry, received a three-year grant of \$390,376 from the Department of Energy for a study of "Bifunctional Chelates of Rh-105 and Au-199 as Potential Adiotherapeutic Agents." They also are among co-authors of "Synthesis, Characterization and X-ray Structural Determinations of Technetium(V)-Oxo-Tetradentate Amine Oxime Complexes," published in *Inorganic Chemistry*.

**BARBARA S. UEHLING**, chancellor, was elected a member of the board of the Council on Postsecondary Accreditation. She will serve a three-year term as at-large chief executive and academic officer.

**MICHAEL UGARTE**, assistant professor of Romance languages, published "Max Aub's Labyrinth of Exile" in *Hispania*, and "Luis Cernuda's Poetics of Exile" in *Modern Language Notes*. He presented "Narratives of Displacement" and "Cernuda's Poetics of Exile" at the Modern Language Association meeting.

**LESLIE UHAZY**, assistant professor of biological sciences, was awarded a one-year, \$20,000 grant from the National Oceanic and Atmospheric Administration for research on "Parasites of Anadromous Alosids as Biological Tags."

**CATHY UNTERREINER**, director of independent living skills/training instructor, received the outstanding therapeutic recreator award during the 1986 Missouri Parks and Recreation Conference. The award recognizes her contributions as president of the Missouri Therapeutic Recreation Society.

**JUDITH D. VISMARA**, education and events coordinator at the Powell Horticultural and Natural Resources Center near Lone Jack, Mo., was selected to participate in a two-week residency at the Smithsonian Institution in Washington. She will explore ideas for teaching older adults in a public horticulture setting.

**JIM WALLACE**, associate professor of Romance languages, wrote an invited article, "La Vie anterieure: Dumas, Delacroix and the Hashish Interpretation," in a festschrift, *Du Romantisme au surnaturalisme*.

**PAUL WALLACE**, professor of politi-

cal science, wrote "South Asia: Domestic Tensions and Regional Pressures," accepted for publication in the Occasional Paper series of the Woodrow Wilson International Center in Washington. His article, "The Sikhs As A 'Minority' in a Sikh Majority State," was published in *Asian Survey*.

**FRED WAPPEL**, head trainer in Intercollegiate Athletics, was inducted into the National Athletic Trainers Association Hall of Fame in ceremonies in Las Vegas, Nev., in June.

**RICHARD WATSON**, professor of political science, will publish "Origin and Early Development of the President's Veto Power" in a special issue of the *Presidential Studies Quarterly* devoted to the bicentennial of the American presidency.

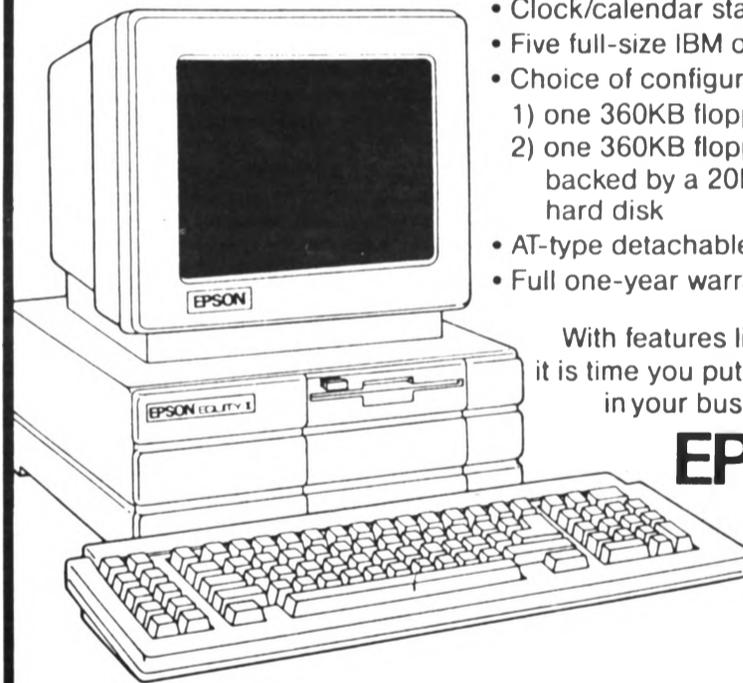
Watson was one of seven featured speakers at a national symposium on Judicial Selection and Tenure, held in San Antonio, Texas.

Please turn to Page 6.

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Continued from Page 5.

**A. DAVID WEAVER**, professor of veterinary medicine and surgery, presented "Problems of Bovine Abdominal Surgery" to the Missouri Veterinary Medical Association meeting in Osage Beach.

**SAUL AND GLADYS WEINBERG** were presented the Gold Medal for Distinguished Archaeological Achievement by the Archaeological Institute of America. They also were awarded the 1986 Percia Schimmel Prize for outstanding accomplishment in the archaeology of Israel and the lands of the Bible and for achievement in related fields. Saul Weinberg is director emeritus of the Museum of Art and Archaeology, where Gladys Weinberg is a research fellow.

**JAMES M.A. WEISS**, professor and chair of psychiatry, was appointed liaison officer to the Royal College of Psychiatrists of Great Britain by the corresponding professional and honorary society in the United States, the American College of Psychiatrists. He is responsible for coordinating joint scientific meetings and advising on collaborative research projects and academic interchange.

Weiss served as co-chair and gave the opening address at the Asian/American Conference on Psychiatric Disorders in March in New Delhi, India. He led a plenary session and presented a paper on "Psychopathy in India and America."

**JAMES E. WESTBROOK**, professor of law, published "The Use of the Nondelegation Doctrine in Public Sector Labor Law: Lessons From Cases That Have Perpetuated an Anachronism" in St. Louis University Law Journal. He spoke on "Court Review of Labor Arbitration Awards" at a program sponsored by region 12 of the National Academy of Arbitrators. At the annual meeting of the Central States Law School Association, he discussed "Alternative Dispute Resolution in the Law School Curriculum." Westbrook participated in a panel discussion on "Hiring and Firing" at a conference in Kansas City sponsored by the UMKC School of Law.

**CYNTHIA WHEELER**, assistant professor of veterinary medicine and surgery, presented "Multiple Ocular Anomalies Associated with Dysgenesis of the Embryonic Fissure in the American Eskimo Dog" and "Colomboma and Choroidal Hypoplasia in a Quarter Horse" to the Midwest Ophthalmologists' meeting in Madison, Wis., in January.

**VIRGINIA WHEELER**, professor of

educational and counseling psychology, presented "Helping the Abused Child" at the Missouri Association of Elementary School Principals spring conference.

**WILLIAM WHETSTONE**, assistant professor of nursing, published "Social Dramatics: Social Skills Development for the Chronically Mentally Ill" in the Journal of Advanced Nursing (1986).

**VERN G. WILLIAMSEN**, professor of Romance languages, published a paper, "A Commentary on the Virtues of 'Polymetry' and the Editing of the Multi-Strophic Texts of the Spanish Comedia" in Editing the Comedia. His "Bibliography of Publications on the Comedia 1984-1985" appeared in Bulletin of the Comediantes, 1986. He was elected secretary of the Association for Classic Hispanic Theater and was program chair for the Golden Age Drama Symposium in El Paso, Texas, in March.

**CARL WILLIS**, professor of educational and counseling psychology, was elected president of the Missouri Psychological Association.

**TUCK C. WONG**, associate professor of chemistry, co-wrote "Indirect Measurement of Homonuclear J Couplings between Selected Pairs of Protons," published in Journal of Magnetic Resonance; "Study of 13C-19F and 1H-19F Couplings in Some Fluorinated Aromatic Compounds Using Two-Dimensional 13C-1H Chemical Shift Correlation Spectroscopy with Proton Hononuclear Decoupling" in Magnetic Resonance in Chemistry; and "Phase Structure and Orientation Order of Water in the Lyotropic Mesophase of the Hexacyclotriethylammonium Bromide-Water-Pentanol System by Deuterium and Oxygen-17 Nuclear Magnetic Resonance" in Langmuir. Wong and Professor **EDWIN M. KAISER** are among co-authors of "Nucleophilic Addition vs. Metalation of 4- and 2-Methylpyridine Studied by Multinuclear Magnetic Resonance Spectroscopy" in Journal of Chemical Society Perkin Transactions II.

**W. RAYMOND WOOD**, professor of anthropology, is editor-elect for American Antiquity, the journal of the Society for American Archaeology. Wood's term will run through 1990.

**SHARON WOOD-TURLEY**, information specialist in the Agricultural Editor's Office, received the excellent award in graphic design for a publication on "Raising Catfish in Floating Cages" from Agricultural Communicators in Education.

**DEAN L. YARWOOD**, professor of political science, co-wrote an essay, "Con-

sumer Protection in Public Sector Marketing: A Neglected Area of Consumerism," which is included in "The Future of Consumerism." Yarwood served on a panel on information policy at a conference of the American Society for Public Administration in Anaheim, Calif., in April. At the conference, he was a member of the publication committee and vice chair of the section on public administration education.

**BIROL YESHILADA**, assistant professor of political science, delivered a paper on "Agricultural Development in LDCs: Domestic Constraints and International Dependency" to the panel on agricultural development and food production, of which he was chair, at the Midwest Political Science Association Conference in Chicago in April.

He presented a paper on "Recent Developments in the Turkish Economy: A Case of Deepening Dependency" at a conference convened by Turkish scientists in Great Barrington, Mass., in April. He also helped plan the publication of a new interdisciplinary journal, the Journal of Contemporary Studies on Turkey.

**GILBERT YOUMANS**, associate professor of English, presented a paper, "Reconsidering Chaucer's Prosody," at the Chicago meeting of the Modern Language Association. He published an article, "Any More on Anymore?: Evidence from a Missouri Dialect Survey" in American Speech.

**BEN YOUNG**, mechanical trades specialist/pipefitter in Campus Facilities, attended an ATC energy management seminar in Kansas City in March, participating in a pneumatic temperature control training class.

**BONNIE ZELENAK**, director of the Learning Center, and **IRV COCKRIEL**, associate professor of higher and adult education and foundations, published an article, "Who Benefits from No-Need Scholarships?" in the Journal of Student Financial Aid.

**RUSSELL ZGUTA**, professor of history, has been named a 1986-87 American Council on Education fellow. He will work with Chancellor Barbara S. Uehling and interim Provost Gerald Brouder at UMC and with chief academic officers at the University of Wisconsin-Madison and the University of Pennsylvania.

Send information about significant faculty and staff accomplishments to People, Mizzou Weekly, 1100 University Place. Include your telephone number so we can reach you, if necessary.



**DENNIS GORDON**, associate professor of food science and nutrition, was quoted in the July 23, 1985, issue of Family Circle. He said that eating meat in combination with other iron-rich foods allows the small intestine to absorb iron more efficiently.

**BRUCE HARRY**, assistant professor of psychiatry, was quoted in the Houston Chronicle, the Kansas City Star and several other newspapers in articles about how murderers' stress disorder can be mistaken for criminal insanity.

**WILLIAM HEFFERNAN**, associate professor of rural sociology, and **HAROLD BREIMYER**, professor emeritus of agricultural economics, were quoted in the Feb. 18 issue of Newsweek in a story about farm debt. As financial pressures increase, Heffernan said, so do cases of family abuse and alcohol abuse. Breimyer said that farmers' problems are genuine.

**JOHN HOLIK**, professor of rural sociology, was quoted in newspaper articles and interviewed on radio and television about crime in rural areas. Media featuring Holik included the Atlanta Constitution, the New Orleans Times-Picayune, MissouriNet, KMBZ radio in Kansas City, KFRU radio, and Channels 8, 13 and 17 in Columbia and Jefferson City.

**KARLA HUGHES AND KENNETH PRUSA**, assistant professors of human nutrition, foods and food systems management, were quoted in Family Circle, USA Today, Science News, Health and eight television reports on how broiling hamburger lowers cholesterol content.

**ALBERT JERGENS**, resident veterinarian, was quoted in the May 12 issue of Family Weekly. He recommended a nutritious diet for parakeets.

**JAVAD KASHANI**, professor of psychiatry, was quoted in USA Today and eight other publications on depression among preschoolers. He said its incidence is rare and is usually attributable to physical or emotional abuse from adults.

**GEORGE KENNEDY**, associate dean of journalism, was quoted in the July 1985 issue of Savvy magazine. He said that a PhD would be helpful in obtaining a college teaching job, but may not be necessary. Professional experience often counts just as much as a degree would, he said.

**PAULINE LANDHUIS**, assistant professor, and **MARY ANN KLIE**, instructor in human nutrition, foods and food systems management, were quoted in articles about how college students can avoid gaining weight while still eating well at college cafeterias. The articles appeared in the Chicago Sun-Times and Business Week magazine.

**BONNARD MOSELEY**, associate professor of veterinary pathology, was quoted in more than 20 newspapers nationally in articles regarding the ability to predict changes in the weather from behavioral patterns in animals. The Chicago Tribune, the Miami Herald and the Philadelphia Inquirer each quoted Moseley.

**KARL NOLPH**, professor of medicine, was mentioned in the April 14 issue of U.S. News and World Report in an article about where to find expert treatment for serious diseases. Nolph was recognized for his expertise in portable dialysis.

**ROBIN REMINGTON**, professor of political science, was quoted in the March 4 issue of The Kansas City Star. She discussed her impressions of Accuracy in Academia, a nationwide conservative group that monitors student complaints about liberal professors.

**GLENN WEAVER**, associate professor of recreation and park administration, discussed how Missouri communities can attract travelers' dollars to their areas in articles that appeared in more than 20 Missouri newspapers.

# FORUM

## Heed lessons from Chernobyl

By David Leuthold

Americans are advised not to visit Kiev at this time because of concern about radioactivity from the Chernobyl nuclear power plant explosion. My wife and I visited Kiev, however, three days after the explosion. Unfortunately, our visit was not part of a scientific expedition to gather data about the explosion, but rather a regularly scheduled package tour of four Russian cities.

The Russians did not tell us about the explosion until we had been in Kiev for an entire day. Nor did they tell Kiev residents of the danger from the radioactivity. Kiev residents appeared normal, preparing for the May Day parade and enjoying the warm sunshine of spring. We were angry that we weren't told earlier, and we thought it criminal that the parents of Kiev were not told immediately how to protect themselves and their children against some of the radioactive fallout.



David Leuthold

Why didn't they tell us and the rest of the world? Five theories have some support.

The first theory is that they did not tell because they are Russians. Even before the Communist takeover, the Russian government was thought to be secretive and disrespectful of human rights. This theory has been cited especially by editors who see Chernobyl as an indication of the folly of agreeing to any treaty that requires candor or self-policing on the part of the Russians.

The second theory is that possible military activity at Chernobyl required that the authorities avoid leaking military secrets. Nuclear power plants in Russia produce, as a byproduct, plutonium that can be used for nuclear weapons, so that Russian nuclear power plants could also serve a military purpose.

The third theory is that officials behaved as bureaucrats regularly do—being deliberate rather than rash, following the rules closely, and avoiding blame for mistakes. The Soviet Union is a bureaucratic state in most of its activities, so that the slow reaction to this crisis is not more surprising than the slow Moscow reaction to the downing of Korean Flight 007.

The fourth theory is that the Soviet authorities are proponents of nuclear power. Around the world, proponents have been challenged by public fears of radioactivity,

forcing them to become defensive, to insist again and again that nuclear power is safe, and to downplay possible problems.

The fifth theory is that Soviet leaders wanted to avoid a panic, which might have cost more lives than the radioactive contamination. The exaggerations in the Western media suggested the types of things that might be reported and perceived if more complete information had been provided in Russia. In fact, the potential for panic in Kiev was indicated 10 days after the explosion when television broadcasts designed to reassure citizens made them anxious. Immediately, 4,000 people jammed the train station, trying to send their children out of town. The reaction was so strong that authorities ended the school term early and offered to send 250,000 Kiev children to summer camps elsewhere.

The first and second theories apply to the Soviet Union and not to the United States, but the third, fourth and fifth theories might govern actions of United States leaders if we had a similarly severe nuclear plant accident. (The United States has more nuclear reactors than any other country in the world so we are more likely to have unforeseen accidents than most countries.)

This experience has suggested to me that, as teachers, we need to educate present and future leaders to react well in such a crisis. Similarly we need to educate citizens enough so that we reduce the likelihood of panic, thus allowing more options for the authorities.

About the author: Leuthold is a professor of political science.

# JOBS

For more information on the following teaching and research positions, contact the appropriate individual listed below. All positions are contingent upon funding and enrollment.

- Anatomy:** Assistant professor, deadline Aug. 1. Contact W.K. Paull, 882-2288.
- Agronomy:** Instructor, deadline July 1. Contact Robert McGraw, 882-2801.
- Anesthesiology:** Instructor, assistant, associate or full professor, deadline Aug. 1. Contact G.W.N. Eggers, 882-2568.
- Animal science:** Assistant or associate professor (fermentation biologist), deadline Aug. 31. Contact John Paterson, 882-4363.
- Animal science:** Assistant or associate professor (reproductive biology), deadline Oct. 1. Contact R. Michael Roberts, 882-7957.
- Animal science:** Chair and appropriate academic rank, deadline Aug. 15. Contact John Massey, 882-7250.
- Biochemistry:** Professor and chair, deadline Sept. 15. Contact Warren Zahler, 882-8795.
- Biological sciences and medicine:** Postdoctoral research fellow. Contact Paul Agris, 882-6426.
- Biological sciences:** Postdoctoral research fellow, available April 1987. Contact Paul Agris, 882-6426.
- Economics:** Director of Missouri Council on Economic Education and assistant or associate professor. Contact Ronald Ratti, 882-4574.
- Family and community medicine:** Research analyst, deadline July 3. Contact James Campbell, 882-6758.
- Food science and nutrition:** Instructor, deadline July 1. Contact William Stringer, 882-4112.
- 4-H and youth:** Instructor and state 4-H specialist, deadline July 18. Contact Dean Fitzgerald, 882-4721.
- Health related professions/communicative disorders:** Assistant or associate professor, deadline July 15. Contact James Amerman, 882-3873.
- Home economics extension:** Associate dean, deadline Aug. 1. Contact Martha Jo Martin, 882-6616.
- KBIA:** General manager, deadline July 1. Contact Roger Gafke, 882-7703.
- Law Enforcement Training Institute:** Director, deadline July 15. Contact Kenneth Dean, 882-6488.
- Law Enforcement Training Institute:** Instructor, deadline July 15. Contact Kenneth Dean, 882-6488.
- Libraries:** Librarian I and social science librarian, deadline Aug. 1. Contact Pat Burbridge, 882-4701.
- Medicine/immunology/rheumatology:** Postdoctoral research fellow, deadline July 15. Contact Helen Mullen, 882-7150.
- Microbiology:** Instructor, assistant, associate or full professor, deadline July 15. Two openings. Contact Richard Finkelstein, 882-4117.
- News-editorial:** Assistant professor in photojournalism, deadline July 10. Contact Bill Kuykendall, 882-4821.
- News-editorial:** Clinical instructor, deadline July 15. Three openings. Contact Brian Brooks, 882-7884.
- Political science:** Assistant or associate professor, deadline Oct. 1. Contact David Leuthold, 882-6510.
- Psychiatry-Missouri Institute of Psychiatry:** Postdoctoral fellow, deadline June 27. Position located in St. Louis. Contact Paul R. Binner (314) 644-8808.
- Public administration:** Assistant professor, available fall 1987. Contact Edward T. Jennings, 882-3304.
- Recreation and park administration:** Assistant professor, deadline July 15. Contact Glenn Weaver, 882-3085.
- Social work:** Assistant or associate professor, deadline March 15, 1987. Contact Roland Meinert, 882-6206.
- Sociology:** Assistant or associate professor, deadline Oct. 1. Contact James McCartney, 882-8331.
- State Historical Society of Missouri:** Manuscript specialist, deadline Aug. 1. Contact Nancy Lankford, 882-6028.
- Surgery:** Assistant professor in plastic surgery, deadline Aug. 1. Contact Charles Puckett, 882-2275.
- Veterinary biomedical sciences:** Assistant or associate professor, deadline Sept. 1. Contact H. Richard Adams, 882-7011.
- Veterinary medicine and surgery:** Resident veterinarian, deadline July 15. Contact James E. Creed, 882-4648.
- Veterinary medicine and surgery:** Assistant, associate or full professor, deadline July 15

or until filled. Contact Jim Lattimer, 882-7679.

The following staff openings were approved and posted June 23 and may be filled at any time after meeting the required posting period. Anyone with CMS computer access may view campus and UM vacancies by logging on to CMS and typing help jobs. If your computer terminal is not linked to the campus disk, type link UMCCMS 191 192 RR, enter, access 192 D, enter, help jobs. Or, over the phone, recorded listings of new campus and UM job openings are available 24 hours a day. For professional vacancies call 882-2345; for secretarial/clerical positions call 882-2041; and for technical/service/maintenance openings call 882-2916. For more information or to apply for a job, contact Personnel Services, Heinkel Building, 201 S. Seventh St., west entrance, at 882-7976. Salary codes follow some listings in parentheses.

**PROFESSIONAL**  
Administrative associate I, School of Law.  
Design engineer (power plant engineer), Campus Facilities.  
Director, development fund, Office of Development.  
Director, Hearn Building, Hearn Building, deadline June 30.  
Manager, donor/prospect relations, Office of Development.  
Safety representative, Environmental Health and Safety.  
Senior academic adviser, Arts and Science Dean's Office.

Specification writer (M-61), Campus Facilities. Superintendent, Agriculture, one-year position, located in Spickard, Mo., deadline June 30.  
Superintendent, power plant, Campus Facilities.  
**RESEARCH/SERVICE**  
Radiologic technologist (M-60), Student Health.  
Research electronic technician (M-63), Research Reactor-UM.  
Research specialist, Child Health, Environmental Trace Substance Research Center-UM (2), Human Nutrition, Microbiology.  
Senior research/laboratory technician (M-59), Agronomy (one position 100 percent FTE, one 75 percent FTE), Microbiology, Veterinary Biomedical Science.  
**SECRETARIAL**  
Administrative assistant (M-59), Development, Medicine/Cardiology.  
Chief accounting clerk (M-57), Biochemistry.  
Radio dispatcher (M-56), University Police, rotating shifts.  
Secretary (M-55), Agriculture-South Farms, Agronomy-South Farms, Animal Science (one position 75 percent FTE, one position is a one-year appointment), Biological Sciences (75 percent FTE), Civil Engineering, Dairy Science, Development (Agriculture), Educational Administration, FM Station, Home Economics, Multipurpose Arthritis Center, Psychology, Student Development.  
Senior accounting clerk (M-55), Printing and Records Management Services-UM.

Senior receptionist (M-55), Veterinary Medicine and Surgery.  
Senior secretary (M-57), Continuing Medical Education, Environmental Health, Radiation Therapy, UED-Law Enforcement Training.  
**CLERICAL**  
Clerk typist (M-51), Student Recruitment/Admissions/Records.  
Clerk typist II (M-53), Student Development (80 percent FTE), Student Recruitment/Admissions/Records.  
Data entry operator I (M-53), Alumni/Development Records.  
Data entry operator II (M-55), Learning Center (75 percent FTE, hours 8 a.m.-3 p.m., starts August 1986, permanent August-May).  
Library assistant II (M-59), Math Science Library.  
Library clerk II (M-53), Engineering Library.  
Library clerk III (M-55), Health Science Library.  
Senior clerk typist (M-54), Mathematics, Romance Languages.  
**COMPUTER/TECHNICAL**  
Computer programmer/analyst I, Campus Computing; Vice Chancellor for Student, Personnel and Auxiliary Services.  
Computer programmer/analyst II, Student Recruitment.  
Reactor operator (M-62), Research Reactor-UM (shifts).  
Scientific programmer/analyst I, Animal Science Research Center (position begins July 1986).

## "How SameDay Surgery helped me see the light."



I've never been sick a day in my life and never set foot in a hospital, so I was pretty upset when I found out I needed eye surgery. My doctor said removing cataracts is routine, which made me feel better. But I wasn't crazy about spending two or three days recuperating in a hospital. He said I wouldn't have to.

He told me about the SameDay Surgery Center at University of Missouri-Columbia Hospital and Clinics. In that morning, out that afternoon—



and home for recuperation. That sounded pretty good.

He said they do hundreds of operations that way: biopsies, hernias, varicose veins. He also told me about the state-of-the-art technology, including high-powered microscopes for microscopic surgery and TV monitoring where

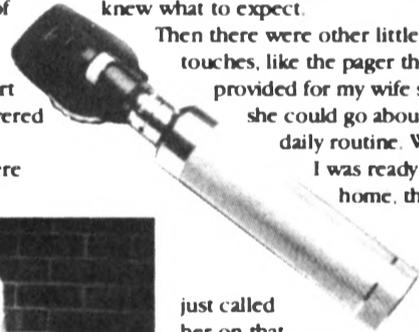


the doctor uses a special scope during knee surgery.

I already knew The Staff for Life were some of the best-trained in the business, always keeping up with the latest techniques, so I knew they could take good care of me. What made it for me though, was how much those people cared about me.

They took me on a tour ahead of time and answered all my questions, so I knew what to expect.

Then there were other little touches, like the pager they provided for my wife so she could go about her daily routine. When I was ready to go home, they



just called her on that pager and she picked me up—right at the door where I was waiting with the nurse. They called me the next day to see how I was doing. I couldn't have been treated better. They were the nicest bunch of folks you'd ever want to have work on you.

If I were you, I'd sure ask your doctor about SameDay Surgery if you're ever faced with minor surgery.



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# CALENDAR

The July 11 Mizzou Weekly will include announcements of events July 11 through July 27. Send information to Jim Kelty, Mizzou Weekly, 1100 University Place, by noon July 3.

## Highlights

**MSA SUMMER CONCERT:** The Columbia Civic Band with Alexander Pickard, conductor, will present "Circus Night" at 7 p.m. July 1 on Francis Quadrangle.  
**LUNCHTIME GETAWAY:** Laurel Wilson, instructor in clothing and textiles, will present an illustrated talk, "Historic Costume: A Reflection of the Times," from 12:15-1 p.m. July 9 in 106 Pickard Hall.  
**MISSOURI SYMPHONY SOCIETY:** The MOSSPAC Chamber Orchestra with Hugo Vianello, conductor, and Claudio Jaffe, cellist, will perform at 8:15 p.m. July 10 in the Fine Arts Recital Hall.

## 27 Friday

**PSYCHIATRY SEMINAR:** "Neurological Side Effects Associated with Antipsychotic Drug Treatment" will be presented from 1-3 p.m. at the St. Louis State Hospital Complex, Kohler Bldg. Aud., 5400 Arsenal St. Event is sponsored by the Missouri Institute of Psychiatry.  
**MSA FILM:** "Bugs Bunny Movie" will be shown at dusk at University Terrace.

## 28 Saturday

**FRUITS AND VEGGIES:** A fruit and vegetable field day for home gardeners and commercial fruit and vegetable producers will be held from 9 a.m.-3 p.m. at the Horticulture Research Station near New Franklin, Mo. Call 882-7511.  
**WOMEN'S CENTER:** Financial planning workshop, featuring consultant Mary Boyd, will be held from 9 a.m.-noon in 1 Gentry Hall.  
**MISSOURI SYMPHONY SOCIETY:** The MOSSPAC Chamber Orchestra with Hugo Vianello, conductor, and Judy Chen, pianist, and the Columbia Choral Ensemble with David Taylor, conductor, will perform at 8:15 p.m. in Jesse Aud. Cost: \$7.  
**MSA FILM:** "Bugs Bunny Movie" will be shown at dusk at University Village.

## 29 Sunday

**SUMMER MUSIC:** The Missouri Honors Choir with Duncan Couch, conductor, and Hugh Sanders, guest conductor, will perform at 3 p.m. in the Fine Arts Recital Hall.  
**MSA FILM:** "Five Easy Pieces" will be shown at 8 p.m. in Ellis Aud.

## 30 Monday

**INTRAMURALS:** 3-on-3 basketball leagues begin today in Rothwell Gym. Check for times in 106 Rothwell Gym.  
**WOMEN'S CENTER:** "Communes: A Way of Life" will be the topic of Carolyn Brittel, a four-year resident of The Farm, at noon in 1 Gentry Hall.

## 1 Tuesday

**WOMEN'S CENTER:** "Don't Fall Off the Rice Paddy: The Side Effects of Walking in the Himalayas" will be the topic of traveler Julie Youmans at noon in 1 Gentry Hall.  
**CPPC:** "Your Resume: Write It Right" will be presented by the Career Planning and Placement Center from 3:45-5 p.m. in 220 Noyes Bldg. Call 882-6818.  
**MSA SUMMER CONCERT:** See Highlights.

## 2 Wednesday

**LUNCHTIME GETAWAY:** A 40-minute film,

"Meaning in Modern Art," will begin at 12:15 p.m. in 106 Pickard Hall.  
**MSA FILM:** "The Way We Were" will be shown at 8 p.m. in Ellis Aud.

## 3 Thursday

**MISSOURI SYMPHONY SOCIETY:** The MOSSPAC Chamber Orchestra with Hugo Vianello, conductor, will perform at 8:15 p.m. in the Fine Arts Recital Hall. Cost: \$7.

## 4 Friday

**CENTURY FARM PROGRAM:** Today is the deadline to apply for the Missouri Century Farm program, which recognizes owners who have farmland that has been in their families for 100 years or more. Call Dick Lee at 882-2480.  
**SUMMER MUSIC:** The Columbia Civic Band with Alexander Pickard, conductor, will perform at 8 p.m. on Faurot Field.  
**MISSOURI SYMPHONY SOCIETY:** The MOSSPAC Chamber Orchestra with Hugo Vianello, conductor, will perform at 8:15 p.m. in the Fine Arts Recital Hall. Cost: \$7.  
**UMC SUMMER REPERTORY THEATER:** "Chicago" will be presented at 8:15 p.m. in Rhynsburger Theater. Cost: \$5 faculty/staff; \$3 UMC summer students; \$4 non-UMC students; \$6 general admission; \$4.50 senior citizens; \$4 children.

## 5 Saturday

**UMC SUMMER REPERTORY THEATER:** "Chicago" will be presented at 8:15 p.m. in Rhynsburger Theater. Cost: \$5 faculty/staff; \$3 UMC summer students; \$4 non-UMC students; \$6 general admission; \$4.50 senior citizens; \$4 children.

## 6 Sunday

**MSA FILM:** "Dirty Harry" will be shown at 8 p.m. in Ellis Aud.

## 7 Monday

**COLLEGE OF EDUCATION:** "The Science Inservice Institute for K-3 Teachers of Mid-Missouri" will be held today through Aug. 1 on campus. Call 882-7457 or 882-6572.  
**WOMEN'S CENTER:** "Breastfeeding" will be the topic of Trish Vandiver, graduate student in psychology, at noon in 1 Gentry Hall.

## 8 Tuesday

**JOURNALISM:** "High School Minority Broadcasting and Urban Journalism Workshops" will be held through July 18 in Gannett and Neff halls.  
**MISSOURI EXTENSION HOMEMAKERS ASSOCIATION CONVENTION:** Event will be held through July 10 at the Ramada Inn, 1100 Vandiver Drive.  
**WOMEN'S CENTER WORKSHOP:** "Imagery for Personal Development," featuring counseling psychologists Carolyn Ball and Mary Jo Day, will be held from 7-10 p.m. in 1 Gentry Hall.  
**MSA SUMMER CONCERT:** The Columbia Civic Band with Alexander Pickard, conductor, will present "Talent Night" at 7 p.m. on Francis Quadrangle.  
**UMC SUMMER REPERTORY THEATER:** "Fifth of July" will be presented at 8:15 p.m. in Rhynsburger Theater. Cost: \$4 faculty/staff; \$2.50 UMC summer students; \$3 non-UMC students; \$5 general admission; \$3.50 senior citizens; \$3 children.

## 9 Wednesday

**INTRAMURALS:** Fun run registration deadline is today. Call 882-2066 or stop by 106 Rothwell Gym. Run will be held July 13.  
**WOMEN'S CENTER:** "Taking Our Bodies Back" will be the topic of Diana Wright, postdoctoral fellow in child health and medicine, at noon in 1 Gentry Hall.  
**LUNCHTIME GETAWAY:** See Highlights.  
**PSYCHIATRY COLLOQUIUM:** Psychiatrist Robert Sadoff will speak on "Forensic Psychiatry" at 1 p.m. in the Truman Veterans Hospital Aud.  
**CPPC:** "Your Job Interviews: Are You Ready?" will be presented by the Career Planning and Placement Center from 3:45-5 p.m. in 220 Noyes Bldg. Call 882-6818.  
**MSA FILM:** "Arthur" will be shown at 8 p.m. in Ellis Aud.  
**UMC SUMMER REPERTORY THEATER:** "Fifth of July" will be presented at 8:15 p.m. in Rhynsburger Theater. Cost: \$4 faculty/staff; \$2.50 UMC summer students; \$3 non-UMC students; \$5 general admission; \$3.50 senior citizens; \$3 children.

## 10 Thursday

**SCHOOL OF NURSING:** Continuing education breakfast seminar on "Accomplishing Change via Research" will be held from 7:30-9:30 a.m. at the Hilton Inn, 2200 I-70 Drive S.W. Cost: \$8. Call 882-6403, extension 216.  
**WOMEN'S CENTER:** Maureen Brown, nursing instructor, will present "Menopause" at noon in 1 Gentry Hall.  
**MISSOURI SYMPHONY SOCIETY:** See Highlights.  
**UMC SUMMER REPERTORY THEATER:** "Chicago" will be presented at 8:15 p.m. in Rhynsburger Theater. Cost: \$5 faculty/staff; \$3 UMC summer students; \$4 non-UMC students; \$6 general admission; \$4.50 senior citizens; \$4 children.

## 11 Friday

**MSA FILM:** "Time Bandits" will be shown at dusk at University Terrace.  
**UMC SUMMER REPERTORY THEATER:** "Twelfth Night" will be presented at 8:15 p.m. in Rhynsburger Theater. Cost: \$4 faculty/staff; \$2.50 UMC summer students; \$3 non-UMC students; \$5 general admission; \$3.50 senior citizens; \$3 children.

## 12 Saturday

**UMC SUMMER REPERTORY THEATER:** "Twelfth Night" will be presented at 8:15 p.m. in Rhynsburger Theater. Cost: \$4 faculty/staff; \$2.50 UMC summer students; \$3 non-UMC students; \$5 general admission; \$3.50 senior citizens; \$3 children.  
**MSA FILM:** "Time Bandits" will be shown at dusk at University Village.

## 13 Sunday

**INTRAMURALS:** A fun run will be held at 7 p.m. at Hinkson Fields on South Providence Road. Call 882-2066.  
**MSA FILM:** "Caddyshack" will be shown at 8 p.m. in Ellis Aud.

## Exhibits

**JESSE HALL DISPLAY CASES:** "The Honors College and the Conley House" will be on display through June.  
**STATE HISTORICAL SOCIETY:** "Carl R. Gentry Watercolors and Oils" and "Sartain Steel Engraving Plate and Print of George Caleb Bingham's 'Martial Law'" will be on display in the north-south corridor through July. Hours are 8 a.m.-4:30 p.m. weekdays.  
**FINE ARTS GALLERY:** "Quilt Display" will be on display July 8 through July 11. Hours are 9 a.m.-noon and 1-3 p.m. weekdays.  
**FINE ARTS GALLERY:** "Michael Clyde Ruble: MFA Thesis Exhibition" will be held July 13 through July 25. Hours are 9 a.m.-noon and 1-3 p.m. weekdays. Opening reception will be from 2-4 p.m. July 13.  
**JESSE HALL DISPLAY CASES:** The July exhibit will contain documents, art and memorabilia related to the old Jesse Hall Auditorium.

## Brewer/Rothwell

Continued from Page 1.

Saunas will be added to the locker rooms, which would be equipped with better ventilation, lighting and design.

"The renovation/expansion project will be possible if funds are raised through an increase in student activity fees," says Candy Whittet, assistant director of student development-recreation/intramurals. "Others users—such as faculty, staff and alumni—would be expected to pay a fee."

The architects will return to campus Sept. 3 and 4 to present the final drawings of the project. Faculty, staff and students are encouraged to attend.

"I'm excited about the design," Whittet says. "It satisfies all the goals we originally set for ourselves."

Students, faculty and staff met at a charrette in May to discuss ways to improve the Brewer/Rothwell facility and determine what changes were needed.

Ideas were gathered when various UMC students, faculty and staff made a spring tour of university facilities at Kansas State, Kansas, Iowa, St. Louis, Washington, Southern Illinois-Edwardsville and Southern Illinois-Carbondale. Each of those schools has built new facilities or has renovated existing facilities within the past 10 years.

## Board approves research funds

Funds from the Missouri Research Assistance Act were awarded to eight UMC researchers at the June 13 Board of Curators meeting in Portageville, Mo. In all, \$624,130 in state funds was approved for 21 research projects on the four campuses.

The act is designed to stimulate the state's economic growth, create jobs and attract private investment. Under the legislation, the state provides funding for up to one-third of a research project's costs, and two-thirds or more is supplied by non-state and non-federal sources.

Since the board approved the first awards in 1983, more than 100 UMC research projects have shared nearly \$8 million provided under terms of the act.

Mizzou projects approved for state funding, the amount of state funds for each project and the researchers are:

### Agriculture

- "Cograzing of Cattle and Sheep to Increase the Profitability of Livestock Production Systems in Missouri and the Ozarks" and "New Tools for Improving Marketability of Cattle," \$8,666 and \$14,300, respectively, Duane H. Keisler, assistant professor of animal sciences.
- "Dietary Nutrient Levels and Incidence of Fatty Liver Hemorrhagic Syndrome," \$7,000, J.E. Savage, professor of animal sciences.
- "Whither the Endophyte in Tall Fescue?" \$28,834, D.A. Slepser, professor of agronomy.
- "The Energy Value of Corn Gluten Feed as an Alternative Supplement for Forage-Based Diets Fed to Steers," \$5,000, John A. Paterson, assistant professor of animal sciences.

- "Phytoattractants Responsible for Black Cutworm Infestation of Seedling Corn: Isolation and Structure Elucidation," \$21,000, Klaus O. Gerhardt, senior research chemist in experiment station chemical labs.

### Natural Resource Management

- "A Device to Mitigate the Impending Peak Power Crisis," \$22,494, Jay F. Kunze, professor of nuclear engineering.
- "Environmental Dosimetry: The Detection and Identification of Carcinogen-DNA Adducts in Environmentally Exposed Fishes," \$59,000, Charles W. Gehrke, professor of biochemistry.

### Applied Projects

- "Development and Operation of an Agricultural Product Market Evaluation Unit," \$30,000, Gary T. Devino, professor of agricultural economics.

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