

MIZZOU

W E E K L Y

University of Missouri - Columbia / Sept. 11, 1990

ON THE INSIDE:

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Page 3 University Hospital is meeting the challenge created by a significant increase in the number of trauma cases.

Page 7 Can a University employee be guaranteed a parking spot on campus? A Q&A reader wants to know.

Improving teaching

Open forums on evaluation are designed to enhance quality of instruction at MU.

A series of open forums on teaching evaluation, scheduled later this month, will examine several issues. But the meetings ultimately are designed to improve instruction methods at the University, says Eric Fritzell, professor of fisheries and wildlife and chairman of a faculty task force looking into the matter.

"That's the bottom line," Fritzell says. "That's the reason we're here, after all. If we want to improve our teaching, we need to look at what we're doing now."

The forums will be at 12:40 p.m. Sept. 25; 2:40 p.m. Sept.

26; and 11 a.m. Sept. 27, all in Memorial Union Auditorium. Fritzell says the 12-member task force has met about six times in the past four months and has interviewed more than 75 faculty members from a variety of disciplines.

"We've learned several things," he says. "We know, for instance, that surveys of students are the most common forms of teaching evaluation used across campus. While this may have its advantages, it has its disadvantages, too.

"A student who gets a bad grade, for instance, may not be inclined to praise his or her teacher's methods. If a teacher has a number of students who aren't doing so well, there's a chance that his or her evaluations won't look very good. But this may be an excellent teacher. How do we deal with that? Can we have another form of evaluation as well? What would it be?"

The task force is working with the Office of the Provost and the Council of Deans on the matter. Bea Smith, dean of human environmental sciences, is chairwoman of the deans' subcommittee examining the issue. "The development of our teachers and the investment we've put into our classrooms are matters of constant interest to the deans," she says. "I believe the forums, in addition to offering broad-based discussions, will alert us to the research that is being done nationwide on teaching evaluation. Perhaps we'll learn of a better way."

Members of the task force are Allen Bluedorn, associate professor of management; Jean Hamilton, associate profes-

or of textile and apparel management; Rob Logan, associate professor of journalism; Brooke Cameron, associate professor of art; Leslie Lukin, assistant professor of education and counseling psychology; Steve Matthews, resident physician at the School of Medicine; Dudley McCaw, associate professor of veterinary medicine and surgery; Ronald Powell, associate professor of library science; Cliff Tompson, professor of physics; Diane vom Saal, director of the Program for Excellence in Teaching; and Russ Zguta, professor of history.

The discussion comes at a time when MU has put a new emphasis on the improvement of teaching. The University's Office of Faculty Development, directed by Vice Provost KC Morrison, offers teaching workshops, career development workshops and consultations with faculty on teaching styles. Vom Saal's office began publishing a faculty development newsletter last spring. Two noted scholars in the field, Kenneth Boulding and Peter Cohen, were on campus last academic year to discuss teaching improvement with faculty.

Fritzell says his committee's work should fit right in. "We keep hearing that the state and the people of Missouri want us to improve teaching," he says. "Here's a case of the University trying to do that. If it comes time to vote for a tax increase for higher education and someone says, 'Show us what you're doing to improve the situation,' this is one of the things we can show them."

20 to receive awards

MU Alumni Association honors distinguished faculty and alumni.

The MU Alumni Association will present its Distinguished Service Award, Distinguished Faculty Award and 18 Faculty-

Alumni Awards at 7 p.m. Sept. 14 at a banquet at the Ramada Inn, 1100 Vandiver Drive.

The Distinguished Service Award will be given to Eleanor R. Frasier, president of the association from 1987 through 1988. The award, the association's highest honor for an alumnus or alumna, recognizes outstanding service by an individual whose sustained efforts and support have added to the excellence of Mizzou.

Frasier initiated the Faculty Development Incentive Grants that fund research projects at MU and appointed the first members of LINC, the legislative information network committee. She currently is chairwoman of the building committee for the Donald W. Reynolds Alumni Center. Frasier, a professor emeritus at St. Louis Community College, received a Faculty-Alumni Award in 1976.

Receiving the Distinguished Faculty Award is Karl D. Nolph, the Loren E. Broadus and Curators Distinguished Professor of Medicine and MU's director of nephrology. The award recognizes a faculty member whose sustained efforts in teaching, research and service have added to the excellence of Mizzou. The award also places special emphasis on the faculty member's relationship with students.

Listed in *Town and Country* magazine as one of the country's top physicians in his specialty, Nolph helped pioneer a technique called continuous ambulatory peritoneal dialysis that cleanses the blood of patients with advanced kidney failure, allowing them to lead more normal lives. He received a Faculty-Alumni Award in 1983.

Faculty-Alumni Awards honor faculty for their work as teachers, researchers and administrators. Alumni are recognized for their potential and actual professional accomplishments and service to their alma mater. Recipients are pictured at left.



Eleanor R. Frasier
Distinguished Service



Karl D. Nolph
Distinguished Faculty



Robert E. Bartman
Alumnus



William H. Bates
Alumnus



Carolyn A. Dorsey
Faculty



Gary A. Dyer
Alumnus



Jeanne V. Epple
Alumna



M. Stanley Ginn
Alumnus



Sam F. Hamra Jr.
Alumnus



Winifred B. Horner
Alumna



Robert Larry Jinks
Alumnus



Raymond C. Lewis
Alumnus



Peter J. Markie
Faculty



Lowell Mohler
Alumnus



Robin A. Remington
Faculty



Charles R. Stribling III
Alumnus



Charles E. Timberlake
Faculty



Barbara P. Wallach
Faculty



C. Wallace Walter
Alumnus



Henry W. White
Faculty

LET'S HEAR IT FOR THE OAK!

The oak has been selected as the national tree of the United States by the National Tree Committee.

"Missourians would probably go along with that choice," says Jack Slusher, MU extension forester. "Oak trees are the predominant species on three-fourths of the commercial forest land in the state."

In Missouri, "we have seven white oak species and 12 red oak species," Slusher says.

Oaks are the most important and most widespread hardwood trees in the north temperate zone, with about 300 species found there. "And if you count the hybrids, it's more like 500," he adds.



MALE NURSING ENROLLMENT UP

More men are enrolled in MU's School of Nursing this fall than ever before in the school's 70-year history.

The 14 males represent a 42 percent increase over last year. Four years ago, six men were enrolled in the school. There also are 30 more male freshmen and sophomore pre-nursing students this year.

"The perception that nursing is exclusively a female-only profession is changing," says Rose Porter, associate dean for students and director of the school's undergraduate program.

The enrollment increase is good news for Missouri because more than

80 percent of the school's graduates take jobs in the state. A recent study indicates there are only nine nurses available for every 10 registered nursing positions budgeted in Missouri.



CAREER PLANNING HELP AVAILABLE

MU's Career Planning and Placement Center, 100 Noyes Building, offers free career planning services to all employees.

Services include exploring career options, developing job search strategies and offering help with resumes. Counseling appointments and an extensive resource library also are available.

Hours are 8 a.m. to 5 p.m. Monday through Friday, and until 9 p.m. on Tuesdays. With questions, call 882-6803.

ALZHEIMER'S DISEASE

The University of Missouri-Columbia Department of Neurology is conducting studies for patients with this condition. If you are interested, please call Connie K. Kelley, R.N., nurse clinician, at (314) 882-8040 or (314) 882-4141, beeper 0728.

The University Club wants you

Group composed of faculty, staff and retirees beginning year with renewed purpose.

The University Club is beginning the academic year with a new slate of officers, a schedule of luncheon meetings and a renewed sense of purpose.

Says Chris Koukola, assistant vice chancellor of University Relations and club president: "Our goals for the year are to increase membership across campus; to bring together those who wish to learn about important issues facing the University and opportunities for celebration of its mission; and to focus on a renewed sense of community for all those who care about the future of MU."

The club provides an opportunity for faculty, staff and retirees to meet for social

and educational activities. Other officers are Valerie Goodin, assistant director of Alumni Relations, vice president; Shirley Delbert, coordinator of Visitor Relations, secretary; Larry Wilson, landscape architect in Campus Facilities, treasurer; John Bauman, professor of chemistry, faculty liaison to the Donald W. Reynolds Alumni Center management committee; and Joe Saupe, director of research and development in the College of Education, and Harvey Gosser, professor of veterinary pathology, directors.

The University Club is planning three meetings this semester. "Celebrating 100 Years of MU Football" will be at 11:40 a.m. Sept. 20 at the MU Alumni Center. Don Faurot, former player, coach and athletic director, and current Coach Bob Stull will speak. "Issues in Higher Education" will be at 12:40 p.m. Oct. 22 at the Alumni Center. Charles J. McClain, Missouri commissioner of higher education and an MU alumnus, will speak. The club also will meet at 1 p.m. Dec. 2, preceding Mizzou's annual holiday concert, at a location to be announced later.

Koukola says she joined the University Club when she came to MU four years ago. "I couldn't have picked a better club to join," she says. "I immediately got to know faculty and staff from across campus who shared interests similar to mine. It has been extremely beneficial."

Bauman, who has been at MU 29 years, joined the club in 1961. "I would particularly encourage new faculty and staff to join," he says. "It gives you the chance to meet University people from a variety of disciplines who you wouldn't normally meet during the course of the day."

There's another benefit for this year's members, Bauman says. The club will have a voice in determining the policies of the new Donald W. Reynolds Alumni Center, currently under construction south of Jesse Hall. "We'll have a chance to get in on the ground floor," he says.

Membership is \$10 a year. Checks may be sent to Larry Wilson in the Campus Facilities General Services Building, Annex A. With questions, call Shirley Delbert at 882-6333.

CLASSIFIEDS

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IBM-PC Model 166 with 20Mb hard drive, 384K AST card, enhanced color monitor and enhanced graphics adaptor; DOS 3.2 and Fixed Disk Organizer. \$750. Call 445-2000 after 5:30 p.m.

1984 CHEVY VAN, deluxe "Carriage" conversion with leather interior, great condition, new tires, etc. Diesel engine, 20 mpg. Best offer. Call 442-6649 evenings.

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WANTED

FEMALE ROOMATE, non-smoker, no pets, to share house with two-car garage in very quiet subdivision. Available end of September. 446-0498 after 5 p.m.

SINGLE WOMAN professor and immaculate cat need tiny furnished house Jan. 1 to May 15 (negotiable). (812) 334-2390 after 5 p.m.

MISCELLANEOUS

SWAP MEET: Sunday, Sept. 16, by Old Wheels Car Club. Located at Head Auto Auction, Interstate 70 at Route Z exit. Gates open 6 a.m. \$10 vendor space, \$1 admission. Call 445-4963.

The Classified Advertising Section is open only to faculty and staff members. A home phone number is required in all classified ads.

Ads must be typed.

Rates: 30-word maximum \$3.

Publication deadlines:

Sept. 14 for Sept. 25 issue

Sept. 21 for Oct. 2 issue

Mizzou Weekly Classifieds: Make your check payable to University of Missouri and send to: Mizzou Weekly, 1100 University Place, Attention: Michelle Burke.

Now there's a style for Fax numbers

No, that's not a typo in your Fax number on University business cards or stationery. MU has adopted style guidelines for Fax numbers on printed materials.

Rick Wise, manager of customer services at Printing Services, uses this as an example: Fax [717] 234=6413. He notes that the area-code brackets are angular, not curved, and that an equal sign replaces the dash between the first three and the last four digits.

"We've received some inquiries about

this," he says. "People in the industry believe that a distinction needs to be made between the Fax number and the regular telephone number in printed materials."

The Board Report, a national publication for graphic artists, agrees. The newsletter surveyed its subscribers after receiving complaints from the business community when the same style was used for both numbers. "When business people glanced at the printed material to find the phone number, they couldn't quickly distinguish between the two numbers," the April 1990 issue notes. "So they would often call the Fax number, thinking it was the regular number."

The Board Report says its survey showed that angular brackets and equal signs are preferred for Fax numbers. "If we all adopt this format, people soon will be quick to distinguish between the two numbers."

MIZZOU WEEKLY

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No. 3

A publication of the University of Missouri-Columbia faculty and staff, published every Tuesday during the academic year and twice a month during the summer by Publications and Alumni Communication, a department of Development, University and Alumni Relations Division, 1100 University Place, 882-7357. News deadline is noon Tuesday the week before publication. Annual subscriptions are available for \$10.

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Special of the Week:

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LIBRARY ANNEX and TATE HALL LIBRARY

The Library Annex has been moved and is closed to the public except by appointment. Materials will be brought back to campus each day. You may request materials or an appointment at the Ellis Circulation Desk or by calling 882-3362.

Tate Hall Library hours are Mondays 1-5, Thursdays 1-5, and Saturdays 10-2 during the fall semester. For materials needed at other times, please call 882-3362 or come to the Ellis Circulation Desk.

THIS BENEFIT WILL TAKE TIME

A new law requiring insurance companies to include the cost of a mammogram test for breast cancer in their coverage took effect Aug. 28. But it may take up to a year for some women to cash in on this benefit.

"Insurance companies don't have to change their policies until their contracts with the state come up for renewal," says Pat Lieurance, MU extension family economics and management specialist. "This may take six months to a year. Of course, some insurance companies already include this cost."

Self-insured employers, such as the state and the University of Missouri System, are exempt. "The

University System already covers mammograms," Lieurance says. "But the state does not."

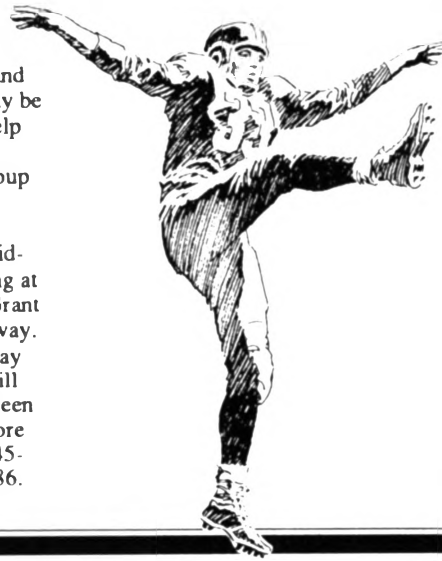
Women should check with their individual insurance companies concerning the law's effect on their policies, Lieurance advises.



GROUP ADDRESSES CHILD DISORDER

Some kids just can't sit still, and for some of them the problem may be Attention-Deficit Disorder. To help parents, families and teachers of these children, a local support group is being formed.

CHAAD (Children with Attention-Deficit Disorder) of Mid-Missouri will hold its first meeting at 7 p.m. Sept. 11 in the library at Grant Elementary School, 10 E. Broadway. A film, "Why Won't My Child Pay Attention?" will be shown and will be followed by a discussion between parents and professionals. For more information call Judy Hibbs at 445-7273 or Michael Scott at 882-7886.



HAVE LUNCH WITH THE COACH

Make plans now to attend a faculty-staff football luncheon with Coach Bob Stull this fall. The luncheons will be at noon Oct. 3, 16 and 31 in the Tingle Tiger Lounge at Memorial Stadium. To make a reservation, call Mary Nelson, administrative assistant in Intercollegiate Athletics, at 882-2076.

Hospital staff meets trauma challenges

A drastic increase in the number of severely injured trauma patients treated at University Hospital is increasing the workload for nurses and other hospital personnel. However, several new nurse recruitment and training programs are helping the hospital meet the challenge.

During the first seven months of 1990, the number of severe trauma victims treated at the hospital's Emergency Center nearly doubled from the same period in 1989.

"This has been a terrible year for trauma," says Laurie Gehrke, assistant manager of Emergency Services. "And the worst thing is a lot of these are preventable injuries, especially those involving children and young adults."

This year, 97 class I trauma victims — the most severely injured — were treated at the Emergency Center from January through

July. In the same time period last year, 56 class I traumas were treated. "The most significant increases occurred in June and July, when the number of class I trauma victims nearly tripled over those seen last year," says trauma nurse coordinator Paula Kempf, who compiles the statistics. During June and July of 1990, there were 43 class I victims at University Hospital, compared with 16 during the same period last year. The hospital is the only class I trauma center in central Missouri.

Kempf adds there has been a marked increase in the number of children involved in accidents that result in extreme injuries or death. The accidents involve such things as children being hit by automobiles, not wearing seat belts and being thrown from the back of pickup trucks.

Because of the increase, University Hospital's nursing staff is gearing up to meet the additional workload. A new six-bed surgical intensive care unit has been opened.

"The increase means additional work for our nurses and other hospital staff," says Donna Otto, associate hospital director for nursing services. "As the workload goes up, we are attempting to recruit and train additional staff. We have been more successful

this year in recruiting nurses to meet these needs."

One program designed to recruit and train new nurses for the intensive care units is the critical care internship program. It provides new nursing school graduates with a 20-week orientation period, with a preceptor in each unit who guides the intern through new critical care nursing experiences.

"The program gives graduates an opportunity to develop a specialty in critical care nursing," says Louise Whitener, staff nurse III, the program coordinator. "It helps new graduates make the transition from student to clinician in a supportive environment."

The STAT nurse and NOW programs that were begun last year are also helping to meet staffing needs at the hospital. The NOW program uses part-time nurses who can be called in to work in any unit in the hospital for an entire shift. STAT nurses can be called to several different units during the course of a work shift to help where they are needed most. "STAT nurses are extremely qualified nurses, skilled in critical care. They are clinically prepared to do complex skills and function independently," says Cindy Stafford, house manager and coordinator of the NOW and STAT programs.

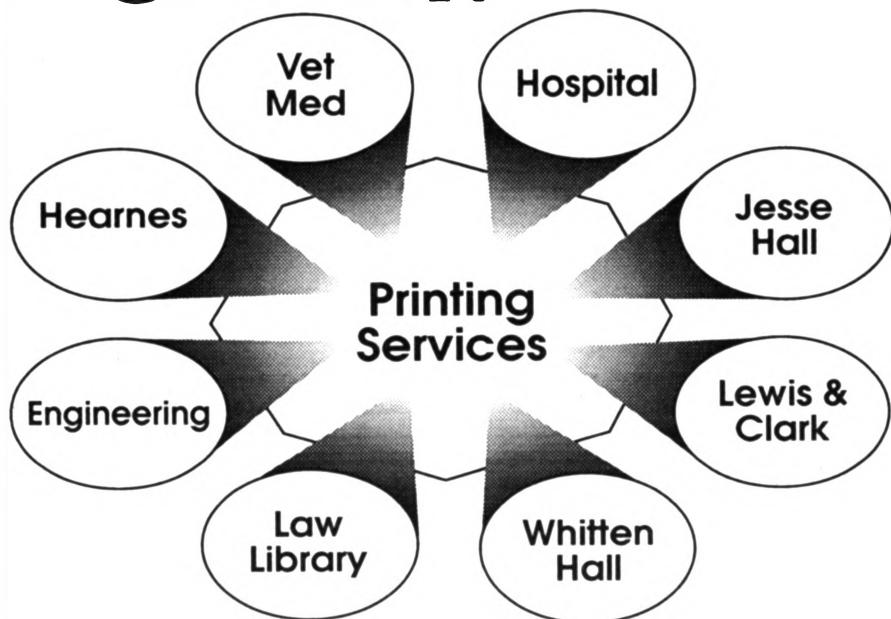
Museum planning for special event

The Museum of Art and Archaeology will co-sponsor the Missouri Visual Artists Biennial, a Missouri Arts Council program designed to recognize and support five outstanding Missouri visual artists.

The museum will coordinate the artists' selection process; will have the opening exhibition; will plan for additional venues throughout the state; and will be the host for a symposium. "We recognize the significant role our museum can play in promoting and supporting the artistic endeavors of Missouri's outstanding artists," says Director Mort Sajadian.

The artists will be chosen by a committee of Missouri arts professionals. The exhibit will consist of works by the selected artists, and will open at the museum here on March 9, 1991. The exhibition will tour the state from July 1991 through June 1992.

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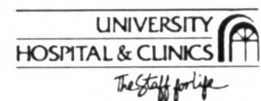
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Law Library - Debbie Gibson
Whitten Hall - Beverly Stone
Vet Med - Bettie Chick
Hearnes - Pat Nichols
Engineering - Barbara Railton

Hospital - Carolyn Huttunen, Brenda Thornton
Lewis & Clark - Dee Samuels
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WEDNESDAY \$3.58	Taco Salad 12 oz. Soda
THURSDAY \$2.72	2-inch Deli Sandwich BBQ Potato Chips 12 oz. Soda
FRIDAY \$2.69	1/2 Entree (Combo) with 2 Vegetables & Roll 12 oz. Soda

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Our short courses are filling up fast! Call 882-2000 to register.

Classes still available:

Beginning CMS: Section 3, September 17 & 18, 6-9 pm
Section 4, September 19 & 20, 6-9 pm

Intermediate CMS, September 24-27, 2:40-4:30 pm

Introduction to SAS, October 1-4, 2:40-4:30 pm

IBM PC Fundamentals III, October 10, 1:40-4:30 pm

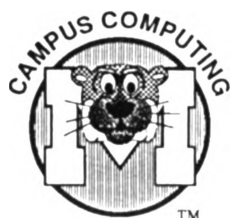
Fundamentals of WordPerfect (IBM PC):
Section 1, September 12, 1:40-4:30 pm
Section 2, September 20, 1:40-4:30 pm

Fundamentals of Lotus 1-2-3:
Section 1, September 13, 1:40-4:30 pm
Section 2, September 19, 1:40-4:30 pm

Macintosh Fundamentals:
Section 1, September 10, 1:40-4:30 pm

Fundamentals of WriteNow, September 17, 1:40-4:30 pm

Fundamentals of WordPerfect (Mac), September 18, 1:40-4:30 pm



A clarity to his work

M YOU

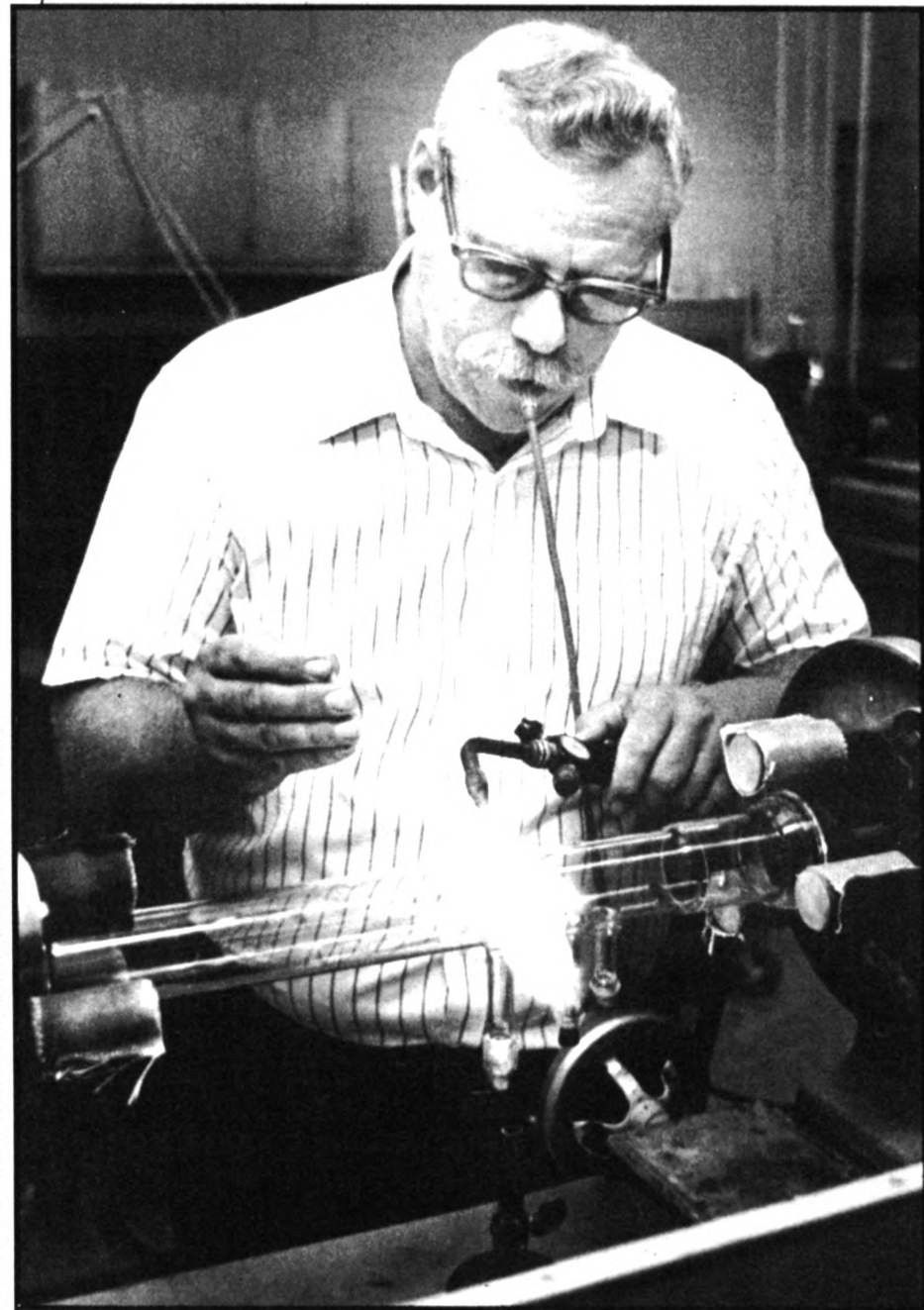
Don Murray has worked with glass most of his working career. One of his first jobs out of high school was at a soft-drink bottling plant. His next job was cutting glass for window panes.

He's been at MU since 1962, cutting, molding and blowing glass for laboratory uses. Murray is in charge of the glassblowing shop which provides custom-made vessels, tubes and containers to virtually all laboratories on campus. "That's one of the joys of this job," he says. "I get to meet all types of people." However, once the work begins, Murray is left to work on his own. The glassblowing shop in the basement of the Physics Building is a one-man operation.

Much of the research on campus requires sophisticated designs fabricated from stock sections of glass. Any one of eight types of glass may be used for the lab apparatus.

"If an institution is doing any kind of research, it'll have a glassblowing shop," he says. Besides providing glass service to MU departments, Murray says he frequently does jobs for research at other universities.

Despite working around the heat and fragile materials, being a glassblower is a challenge, Murray says. "When you work with heat and glass, you're going to get burned and cut now and then." —Text and photo by Rob Hill



Don Murray has worked with glass at Mizzou for the past 28 years.

LABORATORY FOR FERTILITY AND CRYOBIOLOGY

**Semen Donors
Wanted**

The laboratory is seeking semen donors for its sperm bank program. The program is confidential and all donors will be compensated.

As a potential donor, you will undergo non-invasive screening procedures to insure good health and fertility potential. You must be between the ages of 20 and 40. If you are interested, call 882-7199.

MINORITIES ARE NEEDED

I'd never have believed that one little computer could make such an incredible difference in my academic and working life.

Miriam Stoll
B.A. History, Dartmouth College
M.B.A. Stanford Graduate School of Business



"I became a Macintosh convert in business school.

"At our computer lab I'd always find lines of people waiting to use the Macintosh computers, while other computers just sat there. So I had a choice: wait for a Macintosh, or come back at 6 A.M. to grab one before they'd all be taken.

"After business school, I took a job at a large bank and used my Macintosh for producing everything from spreadsheets to a company newsletter.

"Today I use Macintosh to help me run my own management consulting firm. When I give a presentation, I can see in people's faces that they're really impressed. And that makes me feel great.

"Sometimes I take Friday off, put my Macintosh and skis in the car, and head for the mountains. I ski days and work nights. It's perfect.

"You know, I can't say where I'll be in five, ten, or fifteen years, but I can say that my Macintosh will be there with me."



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Back in December 1924, the Missouri football team traveled to the West Coast to play Southern California. During the trip, the team visited the MGM Studios and met with Rudolph Valentino, center of picture. Missouri football is celebrating its centennial this year, and several special events are being planned during the season. The Tigers will meet Utah State at 1:30 p.m. Saturday on Faurot Field. For ticket information, call 882-2386.

Sports Information photo

ODYSSEY:

join us for the journey . . .

- **JESSE AUDITORIUM SERIES**
 - Les Grands Ballets Canadiens Friday, Oct. 5
 - Andreas Bach, Pianist Wednesday, Oct. 17
 - St. Louis Symphony Sun., Nov. 11, 2 p.m.
 - Eisenstein's Film, *Alexander Nevsky* with the Kansas City Symphony & Chorus performing the Prokofiev score live Thursday, Jan. 24
 - New York City Opera National Company: Mozart's *The Marriage of Figaro* Friday, March 1
- **SUBSCRIPTIONS**
 - Standard \$66
 - Fac/Staff \$62
 - Student \$54

- **PERFORMANCE PASSPORT** \$56
 - Four admissions redeemed in any combination of performances
- **FIRST NATIONAL BANK CHAMBER MUSIC SERIES**
 - Vermeer Quartet Friday, Oct. 12
 - The King's Singers Thursday, Nov. 1
 - Amsterdam Guitar Trio Monday, Jan. 28
 - Aeolian Chamber Players Tuesday, March 26
 - Amabile Piano Quartet with Claudine Carlson, mezzo-soprano Monday, April 8
- **SUBSCRIPTIONS**
 - Standard \$58
 - Fac/Staff \$55
 - Student \$49

- **CONTEMPORARY ARTS SERIES**
 - Momix Wednesday, Nov. 7
 - Iso & The Bobs Saturday, Nov. 17
 - Nancy Wilson, jazz vocalist Thursday, Feb. 7
 - Marian McPartland, jazz pianist Saturday, Feb. 16
 - The Boys Choir of Harlem Easter Sunday, March 31, 3 p.m.
- **SUBSCRIPTIONS**
 - Standard \$59
 - Fac/Staff \$57
 - Student \$50

All concerts are in Jesse Hall and begin at 8 p.m. unless otherwise noted. Jesse Box Office will be open 10 a.m. - 4 p.m. Sept. 10-14.

UNIVERSITY OF MISSOURI COLUMBIA CONCERT SERIES 1990-1991



Book collection honors Callis

The late Robert Callis, MU professor of educational and counseling psychology, will be honored by his friends and colleagues with the "Callis Classics" — a collection of books on psychology and counseling that will be housed in his department's Polmanier Library in Hill Hall. In addition, the Bob Callis Memorial Conference, "Frontiers of Assessment," will be held Oct. 4 and 5 in Columbia.

Callis, a faculty member 42 years, died July 1. Although he was one month away from retirement at the time of his death, Callis still carried a full teaching load, says Michael Patton, chairman of the Educational and Counseling Psychology Department. This summer Callis was teaching two classes and helping three doctoral students complete their theses.

He was a co-creator of the Stanford Achievement Test and was known nationwide for his work in ethical and legal issues in counseling.

"We will deeply miss Bob's present contribution as a colleague and his overall contribution to our program as the one person primarily responsible for the development of counseling psychology at MU," Patton says.

The keynote speaker at the memorial conference will be Jo-Ida Hansen, professor of psychology at the University of Minnesota. "We believe that holding this conference, which will provide state of the art knowledge of the theory and clinical application of tests used in counseling, will be a fitting tribute to Bob's memory," Patton says.

Born in Grand Tower, Ill., Callis received his bachelor's degree from Southern Illinois University in 1942, and his master's and doctoral degrees from the University of Minnesota. He began his career at MU in 1948, when he joined the faculty as an assistant professor of psychology and served as associate director of the University Testing and Counseling Service. He became director of the service in 1953 and was later named dean of extra divisional administration and professor of education.

Anyone wishing to make a donation to the "Callis Classics" collection may do so by contacting Patton at 16 Hill Hall or by calling 882-7731.

Q&A

Q. I just received a very nice, slick publication describing my long-term disability plan with the University System. I understand this will be the first of several publications I will receive on employee benefits, and I also am to receive a binder as well. In these days of tight money, why are we putting so much into publications of this type? Shouldn't we be putting this money into the classroom instead?

A. The reason for providing a binder and loose-leaf inserts is to save money, so when changes occur in one program it will not require a new publication for all programs, says Ken Hutchinson, UM System associate vice president for human resource services.

"As you may know, the Board of Curators has approved a number of significant changes in faculty and staff benefits," he says. "It is absolutely critical that these benefits be communicated adequately." He adds that the documents explaining the programs should be of a quality that employees will use and keep. The objective is to provide faculty and staff information on the complex benefit policies in a form that can be understood and is durable enough to be retained for future reference. The long-term disability inserts cost between 25 and 30 cents per person.

Q. With the beginning of construction in the core area of campus, I see a problem with the WG-3 parking lot next to the Law School and the General Classroom Building. This lot is a favorite of students who find the central location ideal for attending classes. Competition for the few parking spaces available has been fierce in the past, but with the additional displaced staff who are being moved there, the competition will be worse. What guarantee do we, the people who are paying to park there, have that we will be able to find a spot? Now that the visitors' lot in front of Jesse Hall is gone, could it be possible to move the former guard to WG-3? Or how about installing a gate system such as University Hospital uses to keep students out? I would like to have some guarantee that I will be able to park in my own lot.

A. Jim Joy, director of Parking and Transportation Services, says a permit for a certain garage or lot does not necessarily guarantee a spot for an employee there. "It never has," he says. "We can issue permits that allow you to park in a particular lot, but we can't reserve your space. In most cases it's not a problem, but there are times — this year is a good example — when parking space on campus is at a premium. It will be tight all over campus this year, not just in WG-3."

Joy says there are no plans to move a guard to WG-3 or to install a gate there. "We realize that students like to park there and we are increasing our enforcement of that lot," he adds. "We already have towed some cars and are prepared to tow more if necessary."

"It's always worse at the beginning of the school year. As the semester progresses and more and more illegal parkers realize the consequences of their actions, the number of incidents declines."

Send your questions about campus matters to Mizou Weekly, 1100 University Place. You must include your name and phone number so we can reach you, if necessary. All questions remain anonymous. Mizou Weekly will not answer unsigned questions.

**Student Recreation Center
REVISED Child Pass Information**

Children (dependents 25 years of age and younger) of current University of Missouri - Columbia Students and Faculty/Staff members are eligible for Child Passes.

Child Pass Fees (per child)

Fall Semester	
** 1 - 3 years	Free
** 4 - 11 years	\$ 4.00
12 - 18 years	10.00
19 - 25 years	20.00

****Restricted Use****
Children (age 11 years old and under) will be issued passes stamped with "Restricted Use." Children holding these passes are restricted to using the MU recreational facilities at these times ONLY:
Friday evenings (5 p.m. - close)
Saturday (All day)
Sunday (All day)

For more information, call 882-2066

MU Recreation/Intramurals 106 Rathwell Gym 882-2066 OSD



NOTICE



At the request of Record Center customers, the Records Center has added 3480 computer cartridge storage racks at the Records Center.

The procedure for sending 3480 cartridges to the Records Center is the same as the standard computer tape reels. Call one of the following people if you need help with the procedure:

- Robert Crowder 882-5955
- John Larkin 882-1449
- Cyndie Parks 882-5459

The charge for 3480 cartridge storage is \$1.00 per year, billed quarterly.

Reach every student enrolling in Winter '91 by advertising in the

SCHEDULE OF COURSES

The official MU Schedule of Courses is published three times a year for MU's 24,000 students and 2,000 faculty by the Office of Publications at the University of Missouri-Columbia, 1100 University Place, Columbia, MO 65211 (314) 882-7358.

The Schedule is the only source for the courses, course teachers, class times and locations and, as such, is read by every student and faculty member. Each issue is distributed on two occasions: at preregistration and at regular registration.

Circulation each issue: 35,000

Deadlines:

Issue	Ad Order Deadline	Distribution Dates
Winter '91	Sept. 21, 1990	Oct. 22, 1990 Jan. 5, 1991

Rates & Dimensions:

Size	Camera-ready Dimensions	Published Size	Rate
1/8 page	8 1/2 X 5 1/2	5 X 3 1/4	\$ 46
1/4 page (H)	17 X 5 1/2	10 X 3 1/4	\$ 83
1/4 page (V)	8 1/2 X 11	5 X 6 1/2	\$ 83
3/8 page	8 1/2 X 15 3/4	5 X 9 1/4	\$115
1/2 page (H)	17 X 11	10 X 6 1/2	\$157
1/2 page (V)	8 1/2 X 22	5 X 13	\$157
3/4 page	17 X 15 3/4	10 X 9 1/4	\$ 220
Full page	17 X 22	10 X 13	\$ 302
Front cover	17 X 5 1/2	10 X 3 1/4 +color	\$ 248
Back cover	17 X 22	10 X 13 +color	\$ 418

Contracts: Three-time contract rate (15 percent discount) is available to advertisers running in three consecutive issues. To reserve ad space, call Michelle Burke at 882-7358.

Trace element may lower risk of some forms of cancer

The element selenium may play a role in reducing the risk of some forms of cancer and heart disease, a Mizzou researcher says.

Selenium, an element in the sulfur group, is an essential trace element in the human diet and has been found to be useful in lowering risks of heart disease and gastrointestinal cancer, says Steve Morris, interim director of the research reactor.

"We've shown in our studies that there are groups of people that are at some risk, due to chronic selenium deficiency," Morris says. "That risk is probably relatively low, and we haven't yet defined what groups of people these are, but there is a risk."

For the past decade, Morris and his research team have worked with scientists at Harvard, Johns Hopkins and Boston universities to identify risk factors that result from the cumulative effects of long-term imbalances in trace elements and mineral nutrition. The research has attracted nearly \$500,000 in grants from the National Institutes for Health since 1986.

Toenail, hair and blood samples can be irradiated in the research reactor and measured to obtain a computer-generated chemical "fingerprint" showing traces of elements. Morris has focused much of his work on the selenium studies.

Selenium was found to be an essential component of the human diet in 1957. Scientists know that too much selenium can be toxic, but a deficiency of the element correlates with increased risks of heart disease and some types of cancer.

"The question is, how much do you need to prevent malnutrition of the element, which

can lead to chronic problems, and how much would be too much?" Morris says.

Selenium, found in amino acids, is absorbed by the body and forms a type of protein that helps rid the body of harmful metabolites.

"If not attended to chemically, these metabolites will react with healthy tissue in an injurious way," Morris says. "The protein antioxidant containing selenium destroys these metabolites." If a sufficient amount of selenium is not present, the condition can worsen to the point of cardiac failure, a situation sometimes found in production animals.

Tiny amounts of selenium can be found in virtually all foods, Morris said, but it is

particularly abundant in red meats, whole grains and seafood. The National Research Council recommends a daily allowance of 50 to 150 micrograms per day, about the equivalent of a single grain of salt. Amounts in excess of 150 micrograms daily over a period of time may be toxic, and less than 50 have been linked to heart problems in China.

In some areas of the world, including the Keshan Province of China, very little selenium is found in soils or foods. As a result, daily intake of selenium may be as low as 5 to 10 micrograms per day.

"It has been shown that young people in that province run a very high risk of heart disease if they are not supplemented with selenium," Morris says.

Epidemiologists have analyzed selenium content in diets throughout the United States and have correlated that data to incidents of cancer.

"Where high selenium scores were found, the studies show fewer incidents of certain forms of cancer," Morris says. "That led many scientists to postulate that selenium had a protective effect against certain cancers. But there is still a lot of missing data."

Researchers have used the nuclear analysis method to find positive correlations between selenium uptake and incidents of gastrointestinal cancer. A recent study, however, showed little correlation between selenium uptake and incidents of breast cancer in women.

FOR THE RECORD

CLARIFICATION: Allan Wilson of the University of California-Berkeley will present a molecular biology seminar, "Search for Mitochondrial Eve," at 3:40 p.m. Oct. 3 in Memorial Union Aud. Information for that listing was incomplete in the Fall Semester Calendar, published Sept. 5. In addition, the College of Agriculture is the sponsor for an Oct. 18 presentation by William D. Phillips, associate director for industrial technology in the U.S. Office of Science and Technology Policy. Phillips will speak on "The Importance of Technology Transfer

among Universities, Government and Industries" at 1:40 p.m. in Memorial Union Aud.

POSITION ANNOUNCEMENT: Assistant Dean, College of Human Environmental Sciences

The University of Missouri-Columbia is seeking a dynamic, visionary leader to administer academic standards, policies and procedures for undergraduate programs; coordinate recruitment and alumni activities; direct marketing and public relations for the college, which includes the departments of Environmental Design, Family Economics and Management, Human Development and Family Studies, Human Nutrition and Foods, and Textile and Apparel Management, and the School of Social Work.

This is a 12-month, full-time, administrative position. Qualifications

include a doctorate in a related field and one degree in one of the areas represented in the college. Experience in higher education desirable. Demonstrated effectiveness in oral and written communication required.

Send letter of application, transcripts, resume, plus names and addresses of three references to: Mary B. McDonald, search committee chairwoman, Dietetic Education, 318 Clark Hall, Columbia, Mo. 65211.

For further information, call 882-4136. The formal review process will begin Jan. 15, 1991 and continue until the position is filled. The University of Missouri-Columbia is an Equal Opportunity institution.

FOR SALE: One IBM Quietwriter III printer with sheet feeder. New, never used. \$1,000 or best offer. Also, 12 IBM 3278/79 emulation adapter boards. New, never used. \$150 each or best offer. Call David Ives, 882-5385, or Bob Almony, 882-4701.

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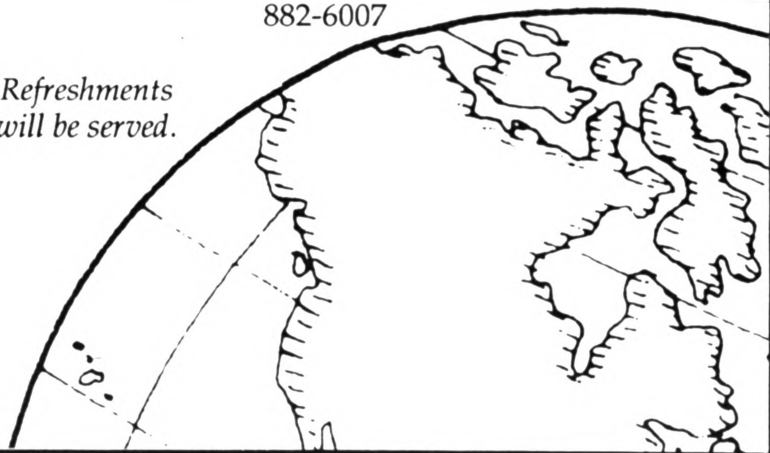
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 233 Brady Commons
 3:40 to 5 p.m.

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Refreshments will be served.



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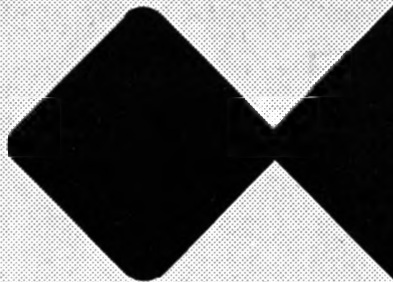
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Meters in WG3, WG10 and the Conley Avenue garage have been taken out of service and bags have been placed on the meters during the construction of the Alumni Center and the Turner Avenue garage. Permits for those lots are valid at the spaces where meters are bagged.



License To Roar!

For the first time, Missourians may purchase personalized MU license plates for their vehicles. These distinctive plates, issued by the state's Department of Revenue, display Truman the Tiger and the MU trademark—symbols of loyalty and pride in Ol' Mizzou.

Alumni, students, friends, fans—any motorist who is a resident of Missouri—may apply for the collegiate plates.

It's easy to start the wheels rolling. Just return the coupon with a donation of \$25, which will boost academic scholarships for students from Missouri. Total cost of plates, including the annual \$15 vanity plate fee and the donation, will range from \$58 to \$91 annually, depending on horsepower. MU plates issued this year will expire in October 1991.

Personalized plates may have one to five letters or numbers, or four characters with a dash. Show your creativity and pride—return the coupon for your collegiate license plates today.

Yes, I want to apply for MU license plates.
My \$25 scholarship donation is enclosed.

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After receiving your donation,
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Make checks payable to the University of Missouri.
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More teachers embracing calculators

Missouri teachers have significantly increased their acceptance of calculator use in mathematics classrooms since 1979, according to a study involving two MU researchers.

Nearly 94 percent of the Missouri teachers participating in a 1990 survey said there are times when students should use calculators in school. Additionally, a majority of the teachers — 57 percent — placed no restriction on their use, explaining that calculators are useful for concept development, problem solving, computations and also are readily accepted by society.

"In 1979, most teachers indicated that calculators should be used in school only under certain conditions," says Robert Reys, professor of mathematics education.

"Teachers in 1979 commonly felt that calculators should be used beginning at the next higher grade level than they were teaching," adds Barbara Reys, associate professor of mathematics education. "But more than two-thirds of the secondary teachers in the 1990 study wanted calculators used at or before their grade level. This provides additional evidence of the growing acceptance of calculator use in schools."

The Reys recently worked with several Missouri educators to complete a 1990 status report of calculator use in Missouri schools. They conducted a similar study in 1979.

More than 60 percent of the teachers interviewed said students use calculators in their classes. Often, more than half said the calculators were used on a daily or weekly basis. In 1979, only 35 percent of the teachers reported that they used calculators in their teaching.

Another major change during the past 11 years is in mathematics textbooks. More than 66 percent of the teachers surveyed in 1990 said their textbooks are written for calculators' use. However, in 1979, only 11 percent reported that their textbooks had activities written for calculators.

Even with the advances in calculator usage in the classroom, the Reys point out that similarities still exist between present and past usage. "Some teachers still see the chief purpose of the calculator as a tool for checking answers produced by paper and pencil computation," Robert says. "Also, many primary and intermediate teachers were unaware that the calculator had a place in the classroom as an instructional tool."

The 1990 survey consisted of interviews with more than 200 Missouri classroom teachers. To ensure the representation of school districts consistent with the total Missouri student population, the 10 districts randomly selected included two urban, three suburban, three small community and two rural districts.

"It is encouraging to see that even as the virtues and dangers of calculator usage in the classroom continue to be debated, calculators are being used more often today, especially in Missouri's junior and senior high schools during mathematics instruction," Robert says.

Nominate staff members for Staff Advisory Council

Take the time to make a difference at Mizzou — nominate a fellow staff member to represent you on MU's Staff Advisory Council. The council is now seeking nominations for its upcoming fall election when five new members will be selected to serve three-year terms.

The council was formed in 1978 to advise the chancellor on matters of concern to staff at MU. Council members are an important link between employees and the administration, providing information and many other services.

The council is made up of 16 members, with four members from each of the follow-

ing job classifications: administrative/professional, crafts/maintenance, secretarial/clerical, and technical paraprofessional.

To nominate someone, fill out the form below and return it by Oct. 5 to: Staff Advisory Council Election, 305 Jesse Hall. For more information, call Darlene Schroeder at 882-4269, or contact one of the Staff Council members listed in the campus telephone directory.

A slate of candidates will be prepared from the list of nominations. Ballots will be mailed to eligible staff in early November. Election results will be announced immediately after the close of the election Nov. 20.

Name of nominee _____
Job Title _____
Campus Address _____
Campus phone _____

Job classification (if known):

- Administrative/Professional
- Crafts/Maintenance
- Secretarial/Clerical
- Technical/Paraprofessional

The above nominee will make a good Staff Advisory Council member because _____

M I Z Z O U
PEOPLE

Mary Lenox, dean of the School of Library and Informational Science, was selected as one of 95 participants from around the world to attend Harvard University's summer 1990 Institute for Educational Management. The program is for senior executives of public and private colleges and universities.

Vaskar Mukerji, assistant professor of cardiology, presented three papers at the fifth Pan American Congress of Diseases of the Chest in San Juan, Puerto Rico. They focused on patient discomfort from internal mammary angiography, the relationship of occupation to coronary artery disease, and panic disorder in patients with coronary artery disease.

Karl D. Nolph, professor and director of nephrology, recently was elected president of two professional organizations. He was elected to head the American Society for Artificial Internal Organs during the group's annual meeting in Washington. Nolph also is beginning a three-year term as president of the International Society for Peritoneal Dialysis, which chose him for the office on July 23 at its fifth congress in Kyoto, Japan.

Jerry Obritsch, resident physician, and **Michael Cardwell**, assistant professor of obstetrics and gynecology, had an abstract, "Amniotic Band Syndrome," accepted for the Southern Medical Association annual meeting Oct. 15 through 17 in Nashville.

Gerald T. Perkoff, professor of family and community medicine, was the speaker May 26 for commencement exercises at the University of Utah School of Medicine. Perkoff completed his residency in internal medicine at the University of Utah and Salt Lake County General Hospital, and formerly served on the university's faculty. An MU faculty member since 1979, he is a member of the Institute of Medicine of the National Academy of Sciences.

Ronald Powell, associate professor of library science, has been appointed chairman of the Department of Library Science. He is a member of Beta Phi Mu, ALISE Board of Directors, ALA and other professional associations. He has co-written one book, *Basic Reference Sources: A Self-Study Manual*, and has written another, *Basic Research Methods for Librarians*, which is now in press.

MaryEllen Sievert, associate professor in the School of Library and Informational Science, has been appointed director of graduate studies in the school. She recently was appointed as a member of the biomedical library review committee of the National Library of Medicine.

Zbylut Twardowski, professor of nephrology, gave four presentations at the 36th annual meeting of the American Society for Artificial Internal Organs in Washington. He also addressed several regional conferences in the United States and Canada. Twardowski spoke to the Colorado Society of Nephrology and the Tri-State Renal Network in Indianapolis and gave four presentations at the first Western Canada Conference on Peritoneal Dialysis in Edmonton, Alberta.

Joseph T. Walls, associate professor of cardiothoracic surgery, gave a presentation to the 47th annual meeting of the Central Surgical Association in Chicago.

Six representatives of the Division of Immunology and Rheumatology spoke in May during meetings of the American College of Rheumatology and Arthritis Health Professions Association in Chicago. The presenters were **Robert McMurray**, **Sara Walker**, **Lavona Virgen**, **Marian Minor** and **John Reid**.

See IBM's latest products and never leave campus.

Attend the IBM Roadshow at the MU Campus
Sept. 18th and 19th.

What you'll see:

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Where: University of Missouri - Columbia
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10-3:00pm

For more information, contact
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Presented to you by
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CALENDAR

Send calendar items in Campus Mail to Patricia Reese, Mizzou Weekly, 1100 University Place, by noon Tuesday the week before publication. Events are free and open to the public unless otherwise noted.

Highlights

EMPLOYEE DEVELOPMENT SEMINAR:

R. Dean Baxter, assistant manager of Human Resource Development, will present "Effective Supervision" from 10 a.m.-3 p.m. Sept. 12 and 14 in 146 Heinkel Bldg.

MSA/GPC CONCERT: Pianist George Winston will perform at 8 p.m. Sept. 15 in Jesse Aud. Cost: \$13.50. Tickets available at MSA/GPC ticket window in Brady Commons.

HEALTH INFORMATION CENTER:

Cholesterol screenings will begin at noon Sept. 16 at the center in Columbia Mall. Cost: \$5. Call 882-6565 to schedule an appointment.

11 Tuesday

PHARMACOLOGY SEMINAR SERIES:

Jackie D. Corbin, professor of molecular physiology and biophysics at Vanderbilt University, will present "Mechanisms of Cyclic AMP and Cyclic GMP Action" at 3:40 p.m. in M558 Medical Sciences Bldg.

RECREATION/INTRAMURALS: Non-credit tennis classes, for beginners and intermediates, begin this evening and continue through Oct. 11. Water exercise begins this evening and continues through Oct. 16. Men's and women's swimming and diving will be this evening and Sept. 12 and 13. Sign up in 106 Rothwell. Call 882-2066.

DARKROOM WORKSHOP: Basic darkroom techniques workshop begins at 6:30 p.m. at the Craft Studio in Brady Commons. Class meets once a week for five weeks. Sign up at the MSA/GPC ticket window in Brady Commons. For fee schedule call 882-2889.

CRAFT STUDIO: Two five-week workshops, ceramics and lost wax casting, begin at 6:30 p.m. Sign up at MSA/GPC ticket window in Brady Commons. For fee schedule call 882-2889.

12 Wednesday

RECREATION/INTRAMURALS: Entries close for co-rec softball. Sign up in 106 Rothwell. Play begins Sept. 19. Call 882-2066.

EMPLOYEE DEVELOPMENT SEMINAR: See Highlights.

BROWN BAG DISCUSSION: "MU's Assistance in Drafting a Successful Legislative Proposal" will be presented by Jerry Wade, professor of community development, and by Gene Garrett, professor of forestry, from noon-1 p.m. in S204 Memorial Union.

MIDDAY GALLERY TALK:

Claudia Einecke, acting curator of European and American art at the Museum of Art and Archaeology, will speak on "Views and Vistas: Conception and Perception in Landscape Art" at 12:15 p.m. in 106 Pickard Hall.

CRAFT STUDIO: Five-week beginning four-harness weaving workshop begins at 6:30 p.m. Sign up at MSA/GPC ticket window in Brady Commons. For fee schedule call 882-2889.

WOMEN'S CENTER: Psychologist Luci Lee will present "Healing From Childhood Sexual Abuse" at 7 p.m. in 229 Brady Commons.

BIOLOGICAL SCIENCES SEMINAR:

"Ecology of Least Terns on the Mississippi River" will be presented at 7:30 p.m. in 106 Lefevre Hall.

MSA/GPC FILM: "Jesus Christ Superstar" will be shown at 8 p.m. in Ellis Aud. Cost: \$1.50, students free.

13 Thursday

NUTRITION RESEARCH:

Gerald Huntington, USDA research scientist, will present "Metabolic Function of the Gut and Liver" at 1:40 p.m. in 103 Animal Science Research Center.

WATER RESOURCES SEMINAR: Alan Buchanan, from the Fish and Wildlife Research Center in the Missouri Department of Natural Resources, will present "Chlordane in Freshwater Fish" at 3:40 p.m. in 133 Mumford Hall.

WOMEN'S CENTER: Beth Cohen, a doctoral student in counseling psychology, will present "What Is Normal Sexual Behavior?" at noon in 229 Brady Commons. Also, a lesbian roundtable will be held at 7 p.m. in 229 Brady Commons.

STAFF COUNCIL: Group will meet at 1:15 p.m. in S204 Memorial Union.

FACULTY COUNCIL: Group will meet at 3:40 p.m. in S110 Memorial Union.

CRAFT STUDIO: Two five-week workshops, pot-throwing and stained glass, begin at 6:30 p.m. Sign up at MSA/GPC ticket window in Brady Commons. For fee schedule call 882-2889.

MSA/GPC CONCERT: Jazz-blues violinist Randy Sabien will perform at 8 p.m. in the Memorial Union Lounge.

14 Friday

EMPLOYEE DEVELOPMENT SEMINAR: See Highlights.

MIP VISITING SPEAKER SERIES: The Missouri Institute of Psychiatry will present John Koo, assistant professor of dermatology at the University of California-

San Francisco Medical Center, to speak on "Psychodermatology: Diagnosis, Differential Diagnosis and Pharmacotherapy" at 1 p.m. in Kohler Aud., 5400 Arsenal St., St. Louis.

ENTOMOLOGY SEMINAR SERIES:

Graduate Student Semi Necibi will present "Effect of Chemical and Cultural Control on Populations of Cucumber Beetles on Melons" at 2:40 p.m. in 2-7 Agriculture Bldg.

AWARDS BANQUET: The MU Alumni Association will have its annual Faculty/Alumni Awards banquet at 6 p.m. at the Ramada Inn, 1100 Vandiver Drive. Cost: \$30. Call 882-6611.

HEARNES CENTER: The Carman Ministries, featuring Carman Licciardello, will present a program at 7 p.m. at the Hearnes Center.

MSA/GPC FILMS: "Cry-Baby" will be shown at 7 and 9:30 p.m. in Ellis Aud. Cost: \$2.50, children under 12, \$1. Also, "Blue Velvet" will be shown at midnight in Ellis Aud. Cost: \$2.

LAWS OBSERVATORY: The observatory, on top of the Physics Building, will be open for public viewing of the skies from 8-10 p.m., weather permitting.

15 Saturday

RECREATION/INTRAMURALS:

Introduction to the weight room will be at 9:15 a.m. in 202 Rothwell. A second session will be Sept. 29. Cost: \$3. Sign up in 106 Rothwell.

DARKROOM WORKSHOP: Basic darkroom techniques workshop begins at 10 a.m. at the Craft Studio in Brady Commons. Class meets once a week for five weeks. Sign up at the MSA/GPC ticket window in Brady Commons. For fee schedule call 882-2889.

MU FOOTBALL: Tigers will play Utah State at 1:30 p.m. on Faurot Field. Cost: \$16. Faculty/staff/retiree discounts available on season tickets. Call 882-2386.

MSA/GPC FILMS: "Cry-Baby" will be shown at 7 and 9:30 p.m. in Ellis Aud. Cost: \$2.50, children under 12, \$1. Also, "Blue Velvet" will be show at midnight in Ellis Aud. Cost: \$2.

MSA/GPC CONCERT: See Highlights.

16 Sunday

HEALTH INFORMATION CENTER: See Highlights.

RECREATION/INTRAMURALS: A new aerobic technique clinic begins at 12:30 p.m. in B301 Student Recreation Center. Other sessions are scheduled Oct. 7 and 21. Sign up in 106 Rothwell. Call 882-2066.

MSA/GPC FILM: "The Lost Weekend" will be shown at 8 p.m. in Ellis Aud. Cost: \$1.

17 Monday

RECREATION/INTRAMURALS: Entries close for men's golf. Tournament is Sept. 22. Entries close for men's and women's disc golf. Tournament is Sept. 22. Entries close for men's pickleball singles. Play begins Sept. 24. Sign up in 106 Rothwell. Call 882-2066.

BOOK SALE: Sidewalk sale sponsored by the University Bookstore begins today from 10 a.m.-4 p.m. and continues through Sept. 21 on Brady Commons Mall.

RAPE AWARENESS WEEK: The staff of Tompkins Tae Kwon Do International will present "Common Sense Self-Defense" from 12:30-1:30 p.m. at the Women's Center, 229 Brady Commons. Also, Laura Hacquard, coordinator of the Women's Center, will present "Rape Hurts Everyone" from 7:30-9 p.m. in Allen Aud.

MSA/GPC FILM: "Yaaba" will be shown at 8 p.m. in Ellis Aud. Cost: \$1.50.

18 Tuesday

RECREATION/INTRAMURALS: Entries close for women's tennis singles. Sign up in 106 Rothwell. Play begins Sept. 25. Call 882-2066.

FIELD DAY: This event, sponsored by MU and the Missouri Agricultural Experiment Station, will be from 2-6 p.m. at the North Missouri Center in Spickard, Mo.

EXHIBITS

MUSEUM OF ART AND

ARCHAEOLOGY: "Views, and Vistas: Landscapes from the 15th to the 19th Centuries" is on display through Sept. 30 at the museum in Pickard Hall. Hours: 9 a.m.-9 p.m. Tuesday, 9 a.m.-5 p.m. Wednesday through Friday, and noon-5 p.m. Saturday and Sunday.

BRADY COMMONS GALLERY: The photography of Kay Chin is on display through Sept. 20 at the gallery, 203 Brady Commons. Hours: 10 a.m.-5 p.m. Monday through Friday.

STATE HISTORICAL SOCIETY: "Kurz & Allison: Battles of the Civil War" is on display through October in

the gallery, at the east end of Ellis Library. "Artists of the Mid-1900s" is on display through October in the north-south corridor. "Decades: Editorial Cartoons, 1880-1980" is on display through October in the east-west corridor. Gallery hours: 8:30 a.m.-4 p.m. Monday through Friday. Corridor hours: 8 a.m.-4:30 Monday through Friday and 9 a.m.-4:30 p.m. Saturday.

UNIVERSITY HOSPITAL: The hospital's "Art for Life" program presents sculpture, ceramics, paintings and original prints from mid-Missouri artists in the lobby concourse through September. Artists whose works are on display include Ben Cameron, Brooke Cameron, Ed Collings, Tracy Montminy and Heather Foote. Hours: 24 hours a day.

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