

MIZZOU

W E E K L Y

University of Missouri - Columbia / Nov. 5, 1991

V O T E !



State Sen. James L. Mathewson addresses the Oct. 31 rally in Brady Commons.

Rob Hill photo

Polls are open until 7 p.m. for statewide vote on Proposition B.

MU faculty, staff, students and retirees have until 7 p.m. to cast their ballot for Proposition B, the \$385 million reform and funding measure for education.

"Frankly, there's no good excuse for not voting," says Freda McKee, administrative assistant in Student Affairs and co-chairwoman of MU's "Get Out the Vote" committee. "State law allows us to take an hour off from work today to vote. If that is not possible, the polls are open for two hours after most of us get off work.

"Encourage your co-workers to vote. When you see people in the halls, ask them if they've voted yet. Spread the word."

That same message was presented by legislative officials at a rally Oct. 31 in Brady Commons, sponsored by Students for Quality Education, a group of MU students supporting the measure. "Don't just tell your friends to vote," said state Rep. Ken Jacob, D-Columbia. "TAKE your friends to vote."

State Treasurer Wendell Bailey noted that Missouri is one of the few states in the nation with a Triple-A credit rating. "This state can afford it," he said, "and I can't think of a better thing to spend our money on. Education is our greatest priority."

State Sen. James Mathewson, D-Sedalia, wrote Senate Bill 353, the measure which eventually became Proposition B. "We started on this 2 1/2 years ago," he told the crowd. "The idea was to put a package together that would provide both funding and accountability, and also address special, specific needs."

Proposition B does just that, calling for \$190 million for higher education, \$190 million for elementary and secondary education, and \$5 million for job training and development. The money would go into a trust fund and could be used only for the expressed purposes, such as program improvements, scholarships and research grants. Funds would be raised through a variety of taxes, including a 3/8-cent sales tax, a 5-cent increase in the cigarette tax, a 10 percent tax on smokeless tobacco, an additional 1.5 percent tax on corporations with income over \$100,000, and by limiting state deductions on federal income tax.

In a statewide poll released Nov. 1, 52 percent of voters contacted said they planned to vote for Proposition B. The poll was conducted the week of Oct. 28 by MU's Media Research Bureau for the *Columbia Missourian*, KBIA Radio and KOMU-TV. A total of 509 voters were called, with 30 percent saying they were opposed to the measure and 18 percent undecided. The margin of error is 4.4 percent.

Mathewson said a number of statistics "make it difficult to take pride in our state." He added: "Twenty-seven percent of high school students drop out. 25,000 others complete high school and want a student grant for college, but we tell them no because we don't have the money. Sixty-four percent of all Missourians are undereducated for the type of jobs they're holding. We can help turn this around with Proposition B."

He looked at the audience. "You're the key. From your votes can come success."

MU Proposition B volunteers are invited to a watch party from 7:30 to 11 p.m. this evening at the Thomas G. Walton Building, 300 S. Providence Road. The event is being sponsored by the University, Missourians for a Quality Education and the Columbia Chamber of Commerce.



Courses that highlight the cultural and historical interests of black people provide students with a better understanding of world history and American history, says Sundiata Cha-Jua, head of MU's Black Studies Program and an assistant professor of history.

Rob Hill photo

Setting the pace

Director says teamwork is key to producing high-quality program in Black Studies.

MU's new director of Black Studies compares himself to a point guard in basketball — a floor leader who directs the offense, mends disputes and controls the game's tempo.

"I've always wanted to direct a black

studies program," says Sundiata Kieta Cha-Jua [pronounced Soon-dee-ah-ta Ky-ee-ta Cha-Jew-ah]. "You're in a better position to influence the quality of people, staff and students that contribute to and benefit from cultural awareness."

Cha-Jua has been at MU since fall 1988, serving as an assistant professor of history and teaching courses in African-American history and African history. He earned a bachelor's degree in political science from Tougaloo (Miss.) College; a master's degree in political science, with emphasis on international relations, from Sangamon State University in Springfield, Ill.; and a doctorate in history from Southern Illinois at Urbana-Champaign.

After a national search, he became director of Black Studies on Aug. 1, replacing Marvin Lewis, professor of Spanish. Cha-Jua's responsibilities include organizing the curriculum and the faculty, and working with various departments and units to promote the growth and development of black studies on the local, state and national levels.

"Our work with departments, deans and the provost includes increasing faculty to

teach Black Studies courses," Cha-Jua says. "If departments don't have Africanists, Afro-Americanists or Caribbeanists on their faculty, then we can't offer courses in those areas. As frightening as it is, there are still some people on campus who don't think the Afro-American experience is important for their discipline."

Courses that emphasize the African-American experience, Cha-Jua says, push people closer to the truth of world history and American history. "Before there was any history, there was black history. Egypt's role in the origin of civilization re-emphasizes the fact that civilization begins with people of African descent. We weren't simply the first human beings, we were the founders, the initiators."

Although Black Studies courses first were offered at MU in the early 1970s, the program officially began in 1974. Now, 10 departments in the colleges of arts and science, education and human environmental sciences offer courses in Black Studies. Most are cross listed in history, sociology and English.

One of Cha-Jua's goals is to add courses

and faculty in psychology, political science and anthropology, and to fill openings in religious studies and family studies. Having resources in these departments, he says, guarantees the program covering major areas of the African experience. Other plans include developing more writing-intensive courses, developing a core curriculum and offering a master's degree in Black Studies.

Cha-Jua comes into the program at a fortuitous time: In the past three years, 15 black faculty have been hired at MU; by end of academic year 1993-94, three joint appointments will be hired; the program is adequately funded; and several faculty are former directors of Black Studies, either at MU or elsewhere.

Collective work, Cha-Jua says, will produce a quality program. "I'm no egotist. I know to draw on the wisdom and experience of faculty and staff." The program's success or failure will be a team effort, too. "If we don't accomplish what we are trying to do," he says, "I'll take the major responsibility for the failure. But the success is going to be a result of the additional resources and the new people."

MUSEUM PLANNING AUCTION IN 1992

The Museum of Art and Archaeology is accepting works of art for its next auction, scheduled Oct. 18, 1992. The last auction, in 1987, raised \$35,000.

The museum hopes to see more interesting and valuable works because of revised tax laws, which allow a deduction on the appreciated value of the works. With questions, call 882-3591.



FACULTY DEVELOPMENT APPLICATIONS OPEN

Applications are being taken for faculty instructional development grants, offered through the MU Alumni Association.

The association has made \$10,000 available for faculty development in three areas: instructional improvement, professional development and research projects. Tenure-track and tenured faculty are eligible, and preference will be given to junior faculty.

Faculty should outline their project in a page or less, and list the amount requested. A short vitae also should be included. Awards cannot exceed \$750. Proposals should be submitted to Vice Provost Jeff Chinn, 116 Jesse Hall, by Dec. 9. With questions, call 882-6598.



NEW BALLOTS COMING TO FACULTY

Faculty will receive new ballots concerning a plan to review the performance of administrators.

The Faculty Council, meeting in special session Nov. 1, noted that ballots sent to faculty last week were incorrectly marked "draft sample." Chairman Rob Logan, associate professor of journalism, asked members if they wanted to count the returned ballots or send out a new set. "There's a lot of confusion," said member Andrew Twaddle, professor and chairman of sociology. "I think we need to re-ballot." The council agreed unanimously.

The new ballots, to be identified by a different color, will go out in about two weeks, Logan said.

Pershing Group may offer housing, dining options

The Pershing Group residence halls would accommodate specific groups of students — such as graduate, professional and upperclass students — under a plan being considered by the administration. The campus planning committee discussed the matter at a meeting Oct. 28.

Roger Fisher, director of Residential Life, told the committee that the plan has not been approved yet. "But if we're going to market this for next fall, we'll have to know soon," he added. Students also are being polled on the subject.

The Pershing Group, located south of Rothwell Gymnasium, consists of seven halls: Baker-Park, Cramer, Defoe, Gardner-Hyde, Graham, Hadley-Major and Stafford. Under the plan, two halls would be reserved for juniors and seniors; one or more would be for graduate and professional students; and one, for undergraduates, would stay open during semester breaks and the summer. There would be more single rooms, and some halls could be outfitted with kitchen facilities. A deli may also be offered. "Instead of paying mandatory room and board, students would have the option of paying room only and making other arrangements for their meals," Fisher told the committee.

"We face two choices on this campus. We can continue to

offer double rooms in what seems to be a shrinking number of residence halls. Or we can use this as an opportunity to provide options that students have requested for some time."

Diane Brazeale, a student member of the committee, praised the plan. "I moved out of the residence halls because there were no dining options," she said. "I think this would help keep students on campus."

The committee also discussed the fact that a parking garage is scheduled to be built in that area. "But we still don't know when it will be built or who will pay for it," said Jim Joy, director of Parking and Transportation Services. "This may be an instance where students could pick up the cost."

In other matters, the committee:

- discussed the 1992 edition of the Campus Master Plan, which will be published in *Mizzou Weekly* and *The Maneater* in January. Chairman Osmund Overby, professor of art history and archaeology, asked members to come back with suggestions for the updated plan and an accompanying questionnaire. The plan is used as the basis for open hearings in the spring.

- discussed the need for more bicycle racks on campus. Several members said they had noticed a marked increase in

the number of bicycles at MU in recent years. One result is that some students chain them to posts, railings and trees. "I think we agree that more racks are needed," said Jack Robinson, a Boston consultant who advises the University on planning matters. "The questions are, how many are needed, and where would we put them?" The group will discuss the matter again.

- read a letter from Karl Kruse, director of the Missouri Kidney Program, who praised the group's attention to the upcoming project of straightening Maryland Avenue between Kentucky and Stadium boulevards. "The problem is that the project has been put on hold for a year because the money is needed elsewhere," Overby said. "But it is a priority."

- briefly discussed a water well being dug west of the University Avenue garage. "The water is needed in that part of campus," said Alan Warden, assistant vice chancellor for Facilities. "We surveyed the area, and found two acceptable sites for drilling: west of the garage, or in back of the Professional Building. We believe the site we picked will cause the least amount of inconvenience."

The group will meet again on Nov. 11.

Getting them ready

College of Education institute helps prepare vocational teachers.

Practicing a trade is one thing; teaching it is another. But 64 new vocational teachers in Missouri can enter the classroom with confidence, thanks to the New Teacher Institute at the College of Education.

NTI is a workshop designed to help new teachers in trade and industrial arts and health occupations learn techniques for more effective teaching, improving the quality of vocational education in Missouri. The participants prepare to teach vocational skills in secondary schools or technical schools statewide. Because of the program's success, other states have shown an interest in developing similar programs based on NTI.

Rod Custer, director of NTI and an assistant professor of industrial education at MU, says one of the problems among new vocational teachers is "a tremendous attrition rate the first year if you don't give the teachers some good support."

NTI supplies that support by providing new vocational teachers with necessary resources, such as information on finding textbooks and other teaching tools, and helping them build a network of other professionals and agencies they can turn to for advice. Custer says the skills taught at NTI are so crucial that the workshop is strongly suggested as one step on the road to certification.

"It really puts the new teachers in tune with the resources that are available to them," says Sue Green, a health occupations teacher at Tri-County Technical School in Eldon and a participant in last year's NTI. "It also gives you an excellent support system," she says.

During the workshop, funded by the Missouri State Department's Industrial Education Division, participants learn how to use computers as a teaching tool and gain some word-processing experience.

In addition, participants present a class lesson on videotape that will be evaluated by other participants. Custer said that many find this exercise to be the most intimidating, yet the most beneficial.

Presenters of the various sessions include faculty from MU and other universities in Missouri. By having faculty from the other universities present sessions at NTI, participants can form meaningful networks of experts at universities that may be closer to their secondary or technical schools than MU.

LETTERS

Smokers have rights

We have been hearing a lot about non-smokers complaining about the decision to make the Clark Hall lobby a smoking area. As pointed out in *Mizzou Weekly* (Oct. 30 Q&A column), the problem was solved by eliminating smoking anywhere in Lewis and Clark halls.

I feel that it is time that the smoker's point of view be presented. There are a large number of smokers in Lewis and Clark halls who are feeling very angry and frustrated about the policy.

First, I agree that the Clark Hall lobby was a poor choice for a smoking area. However, I strongly disagree that the only solution is to ban smoking in the building. I feel that the policy that went into effect in January of this year was a reasonable one and should be brought back. The policy was that smoking was limited to designated smoking areas, with the provision that smoking would be allowed in enclosed offices occupied only by smokers as long as "side stream" smoke was not a problem. To my knowledge, it was not a problem — at least I never heard any complaints.

My supervisor, and other managers to whom I have talked, found ways to accommodate the needs of both smokers and non-smokers. I know that areas were set aside on many floors for smokers after it was decided that smoking in offices would no longer be

allowed. This was taken away when some complained about the smoke in the lobby.

Every enclosed office space in Lewis and Clark halls has large windows and doors. The doors can be closed and the windows slightly opened to exhaust the smoke. Given this situation, I cannot understand how smoking in offices can possibly pose a health risk to non-smokers. As I understand it, the MU smoking policy recognizes this fact and allows it.

I have been told that management cannot make exceptions. If this is the case, why is smoking still allowed in University Hall, or the Heinkel Building, or any other building within the University System?

To me, the issue boils down to one of tolerance and courtesy — both of which are ignored whenever the issue of smoking comes up. Smokers have had to learn to be courteous to non-smokers and be tolerant of their viewpoints. However, non-smokers seem to feel no need for such niceties. I had always thought that non-smokers would be satisfied if their health were protected, but it seems that they will not be content with that. I would like to see non-smokers become more tolerant toward smokers when to do so does not pose a fatal threat to their existence.

In closing, I would like to see the policy for Lewis and Clark halls revert back to that existing at the first of the year, and let individual managers handle the problem to everyone's satisfaction. That this policy would be successful is evident from the fact that there were no complaints before a blanket "building policy" was imposed.

Kurt W. Kopp
Senior computer programmer/analyst
Office of Library Systems
522 Clark Hall



LITERARY JOURNAL ACCEPTING WORKS

Midlands, MU's student literary journal, is accepting submissions for the 1991-92 issue. Traditionally, most submissions have been poems or short stories from undergraduate and graduate students. "But this year we'd like to add other types of creative writing, such as translations and non-fiction pieces," says editor Christian Michener. "We also are willing to look at photography and line art from students." Submissions are due in 107 Tate Hall by Dec. 20. With questions, call 882-0681.

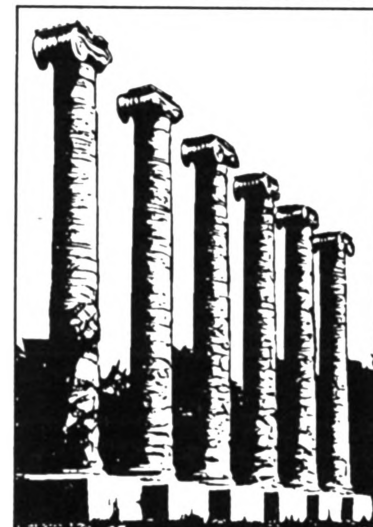


DEPARTMENT BOOSTS 'B'

Among the contributors to the Proposition B campaign are members of MU's Math Department. Elias Saab, professor and chairman of mathematics, says he collected \$500 in personal contributions from his faculty, which has been turned over to Missourians for Quality Education, the group managing the campaign. "We believe it's an important issue," Saab says. Missourians are voting today on the \$385 million education reform and funding measure.

MONROE TO SPEAK TO UNIVERSITY CLUB

Mark your calendar now to attend the next luncheon meeting of the University Club, at 11:40 a.m. Nov. 18 at the Alumni Center. Chancellor Haskell Monroe will speak on "MU After Proposition B." The cost for members is \$6, and for non-members, \$7. Club membership is open to all faculty, staff and retirees. Reservations are necessary, and may be made by calling 882-1628.



Journalism banquet scheduled Nov. 8

A 61-year tradition of recognizing excellence in journalism continues as the School of Journalism honors 10 individuals and one organization with the school's 1991 Missouri Honor Medals for Distinguished Service in Journalism.

The award recipients will be recognized at the Medalists Banquet, which will be the culmination of Missouri Honor Medalists Day, at 7 p.m. Nov. 8 at the Holiday Inn Executive Center, I-70 and Stadium Boulevard.

The 1991 Missouri Honor Medalists are:

- *James Autry, former president of the Meredith Corp. Magazine Group.
- *Howard Chapnick, former president of Black Star, the international photographic agency.
- *Tim Giago, founder, editor-in-chief and publisher of the *Lakota* (S.D.) *Times*.
- *Pam Johnson, publisher of the *Ithaca* (N.Y.) *Journal*.
- *Edward Ney, U.S. ambassador to Canada.
- *Barbara Reynolds, editor of the Inquiry page for *USA Today*.
- *Marlene Sanders, the first woman to anchor an evening newscast and cover the Vietnam War.
- *Eileen Shanahan, founder and senior editor of *Governing* magazine.
- *Wallace Terry, contributing editor of *Parade* magazine.
- *William Woo, editor of the *St. Louis Post-Dispatch*.
- *The United Church of Christ Office of Communication.

In addition, a posthumous award will be given in honor of the late Ethel Payne, who was a commentator for the CBS opinion program, *Spectrum*.

The School of Journalism has awarded Missouri Honor Medals annually since 1930 to recognize lifetime accomplishments in journalism.

Tickets for the banquet are \$18 for students and \$20 for faculty, staff and the public, and available from Toni Hahn at 882-4821.

The medalists also will take part in several panel discussions throughout the day. They will address issues including "Journalism for a Diverse Society," "Toward More Credible Media" and "Journalism and Jobs: Preparing for a Changing Career Field." With questions, call Mike Hoferlin at 882-1908.

McIntire apologizes for actions

David McIntire, vice chancellor for Student Affairs, has responded to a charge of sexual harassment filed by an employee in his office. McIntire acknowledged that some of his statements to employees were inappropriate, and he apologized for his actions. At an Oct. 29 news conference, MU officials said McIntire has been disciplined.

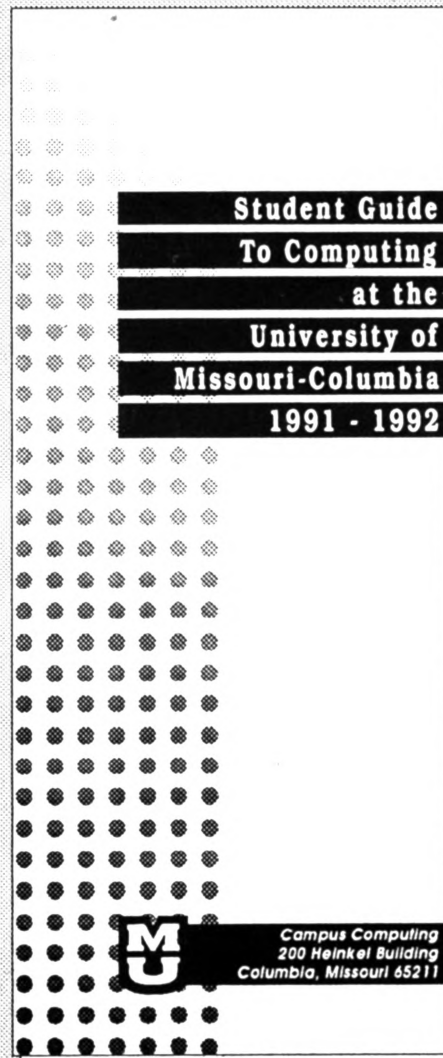
"It is my understanding that the matter has been resolved to the satisfaction of all parties, and that they wish to put the matter behind them," said Karen Touzeau, assistant vice chancellor for Personnel Services/Affirmative Action.

Touzeau said the charge was made last summer, when an employee in McIntire's office "reported to me statements and actions" by McIntire that she considered offensive. Touzeau reported those charges to Chancellor Haskell Monroe, who requested an immediate investigation.

"I performed that investigation and found that others in that office had similar concerns. I reported my findings to the chancellor, who immediately implemented my recommendations," Touzeau said. "While I did find that inappropriate action and comments had taken place, I did not consider them of a nature to warrant the dismissal of the vice chancellor. I did recommend disciplinary action, and that action has been taken by Chancellor Monroe."

McIntire said: "I am now aware that some of the things I have said and some of the jokes or illustrations I have used in the office were inappropriate. While I cannot take back these statements, I can offer my sincere apologies." McIntire added that he has apologized to the employee who brought the charges and to other employees in his office. "I can assure the public that there will be absolutely no reoccurrence of these events or of actions of a similar nature," he said.

The Student Guide to Computing . . .



Everything a student needs to know about computing at the University of Missouri.

Copies are available for you to hand out to your classes. Just call Campus Computing at 882-2000.

Campus Computing

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.

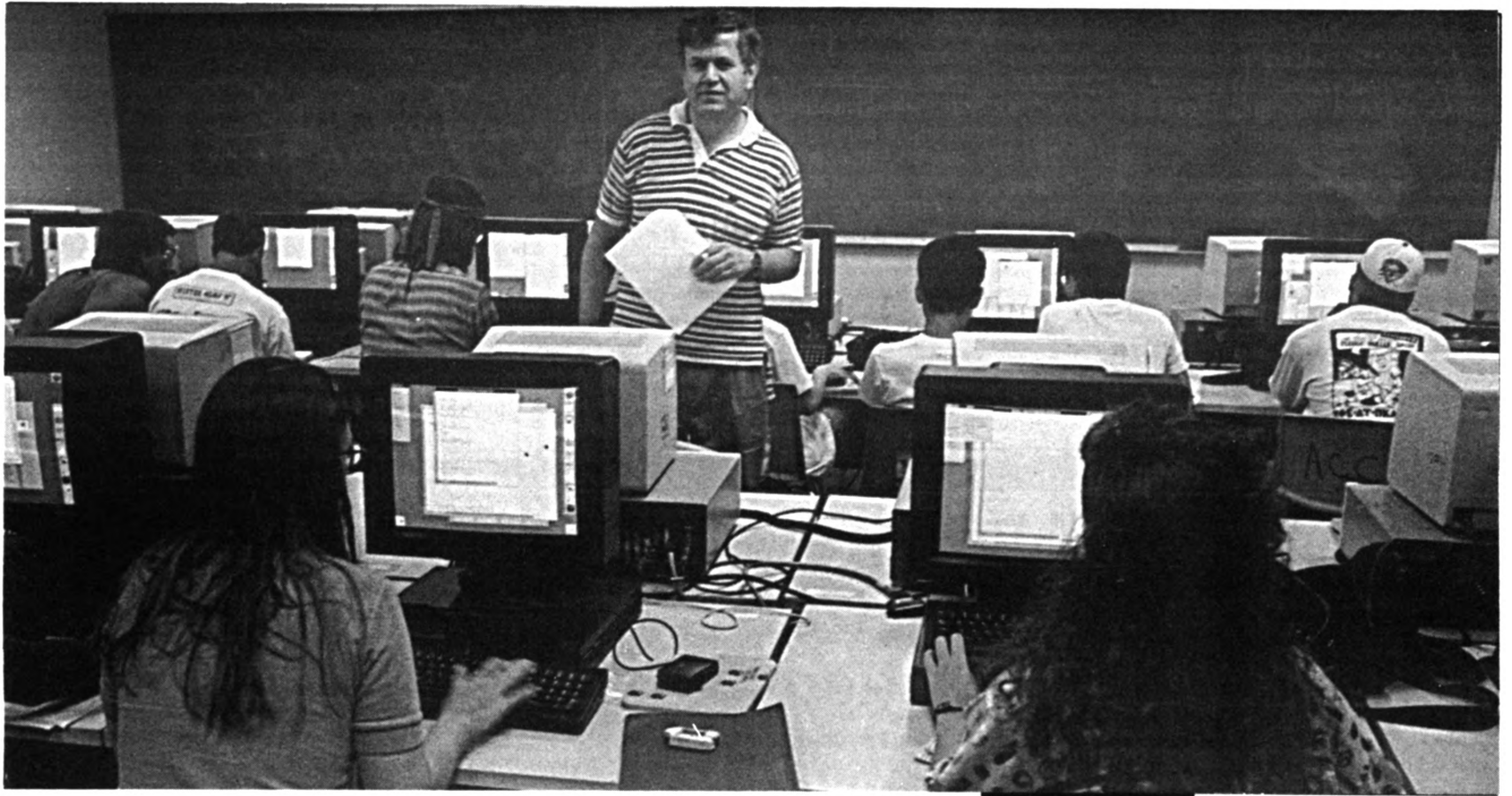
MINORITIES ARE NEEDED

MIZZOU WEEKLY

Vol. 13 No. 11

A publication of the University of Missouri-Columbia faculty and staff, published every Wednesday 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 Wednesday the week before publication. Annual subscriptions are available for \$20.

Editor: Terry Jordan
 Assistant editor: John Beahler
 Staff writer: Sue Richardson
 Advertising coordinator: Michelle Burke
 Relief designer: Larry Boehm



Cool and calculating

Students can delve deeper into calculus by using a computer.

The calculations were coming a little easier for students in Elias Saab's Calculus II class. Instead of laboring over scratch pads to solve columns of equations by hand, the class sat at the work stations of NeXT computers and let the computer do the tough work. Saab, professor and chairman of mathematics, says computers not only can help in teaching calculus, but can improve it.

"Computers enable us to give students an exciting experience with real mathematics, real applications to everyday problems — applications that were virtually denied to most students who take the traditional calculus course," he says.

Saab flips through a typical homework assignment for his computer-assisted calcu-

lus class. It consists of page after page of equations. One problem asks students to work through 24 simultaneous equations. "Without the machine, you aren't going to be able to do it," he says. "Oh, it is feasible. You can spend two days doing this if you like to suffer."

But Saab stresses that pushing a computer button to solve some equations doesn't mean students are being shortchanged in learning the basic mathematical concepts of calculus. "The computer is not really doing the concept work for them, but it will do the dirty work in seconds," he says.

Saab is one of a handful of educators using the NeXT computer and Mathematica software to help teach calculus. His pilot class has sparked a good deal of interest around campus. Paul Braisted, assistant dean of engineering, sat in on one of the classes and liked what he saw. "I think this is a major breakthrough," he says. "By taking the laborious calculations out of the process, students are able to focus on fundamental principles and see results come alive through immediate solutions and graphical presentation."

With a computer doing the time-consuming work, students are introduced to math that ordinarily would have to wait for more advanced courses. Then in higher level courses the problems "are not mysterious concepts for the students anymore," Saab says. "We are able to introduce very deep math concepts. Without the computer, we could not have done it."

Using the NeXT computer allows Saab more creativity in drawing up sample calculus problems. In current textbooks, the problems "are designed to be solved by hand, but these problems in many cases do not reflect reality," he says. Instead, Saab's class focuses on complex but real-life calculus problems, such as financial planning for college expenses, or projections of national debt.

Saab found that he could not rely on the old textbooks. "You have to devise new problems that take advantage of the com-

"This is probably the most enjoyable course I have taught," says Elias Saab, professor and chairman of mathematics.

Rob Hill photo

puter," he says. Although it took him long hours to develop the materials for his pilot class, Saab still says "this is probably the most enjoyable course I have taught so far in my career."

His students echo that enthusiasm. Saab has spent hours at evening computer labs, helping students get the hang of computers and software. "I would come back at 10 or 11 o'clock and people would still be there, experimenting with the computer," he says. "I have not found that enthusiasm in any mathematics course I have taught yet."

For Saab, computer teaching is the way of the future.

"It's still a very expensive tool to do it this way, but we have to start somewhere. If we don't, we'll lose out and our students will suffer. Hopefully, the computers we are using will come down in price so it will be affordable to teach more classes this way."



LIS celebrates 25 years

Faculty, friends and alumni of the School of Library and Information Science read letters of congratulation in honor of the school's 25th anniversary. They are, from left, Marilyn McLeod, president of the school's alumni association; Eileen Cooke, director of the Washington, D.C., office of the American Library Association; Monteria Hightower, Missouri state librarian; and Mary Lenox, dean of library and informational science. The school celebrated its anniversary with a symposium Oct. 11 on library education issues.

FORUM PEOPLE

Protect proposals

A recent court decision has ruled that a National Science Foundation proposal qualified as prior art in the ongoing litigation between Cetus and DuPont. This ruling will make it necessary to apply appropriate markings to proposals submitted for research funding where an invention is fully disclosed. If proprietary markings are not included, the proposal submission date should be considered as the start of a publication bar.

There are several alternatives to consider if you are preparing a proposal for submission to federal agencies or to a for-profit funding source that will address an invention. One alternative is to structure the proposal so the invention is not described in enough detail to allow someone with equal skill in the art to duplicate the invention based on the information in the proposal. If you do not feel that the solicited research support can be obtained without disclosing the invention to a greater degree, you may identify the proposal as proprietary to the Board of Curators by placing a prepared statement directly on the cover page or immediately preceding the technical text.

Following are some examples of markings that can be used for proposals containing an enabling description of an invention:

Proposals to non-federal sources: "The information contained on pages ____, ____, and ____ of this proposal is to be considered proprietary information of the Curators of the University of Missouri. The identified pages should only be distributed to those designated on a need-to-know basis. Patent protection has not been obtained for the information contained on these pages, which shall not be published or disseminated further without the express written permission of the Curators of the University of Missouri."

Proposals to NSF/NIH/USDA: "Caution: Restricted Distribution Data Under P.L. 96-517; 37 CFR Part 401: This document copy, since it is transmitted in advance of patent clearance, is made available in confidence solely for use in performance of work under the proposed research plan with the ____ (National Science Foundation, etc.). Pages ____, ____, and ____ are not to be published nor their contents otherwise disseminated or used for purposes other than specified above before patent approval for such release or use has been secured."

Proposals to DOE: Caution: Restricted Distribution Data Under P.L. 96-517; 37 CFR Part 401: This document copy, since it is transmitted in advance of patent clearance, is made available in confidence solely for use in performance of work under contact with the U.S. Department of Energy. Pages ____, ____, and ____ are not to be published nor their contents otherwise disseminated or used for purposes other than specified above before patent approval for such release or use has been secured upon request from the Chief, Office of Patent Counsel, U.S. Department of Energy, 9800 S. Cass Avenue, Argonne, Ill., 60439."

It is suggested that you restrict only the pages containing information that directly pertains to the teaching of your invention. Notification that the entire proposal must be restricted is advised only in extreme cases.

With questions, contact the UM System Patents and Licensing Office at 882-2821, or the MU Grants Office at 882-7560. Connie M. Armentrout
Coordinator
Patents and Licensing

Two members of Missouri LINC have written chapters for the book *Effective Strategies for Dropout Prevention of At-Risk Youth*. Arden Boyer-Stephens, director, wrote "The Vocational Connection," and Donna Kearns, assistant director, wrote "Curriculum Design and Implementation: A Futures Perspective."

Harold Breimyer, professor emeritus of agricultural economics, has written the book *Over-Fulfilled Expectations: A Life and an Era in Rural America*, published by the Iowa State University Press. The book is a personal account of the development of the nation's agricultural policy, which Breimyer helped shape as a U.S. Department of Agriculture official from the 1930s to the 1960s.

Mary G. Brown, instructor of occupational therapy, presented "Intergenerational Treatment: Maximizing Quality of Life" at the American Occupational Therapy Association's national conference in Cincinnati in June.

Jane Buckler, administrative assistant in agricultural economics, has been selected as the October recipient of the College of Agriculture, Food and Natural Resources Staff Recognition Award.

Jan Dunne, director of training at Project LIFE, will present a paper on the design and development of Interference, a board game that simulates the symptoms and side effects of mental illness, at the annual meeting of the American Therapeutic Recreation Association this month in Spokane, Wash.

Jerry Hitzhusen, associate professor and director of Project LIFE, and Letitia Jackson, coordinator of Project Life, presented a workshop at the Second International Therapeutic Recreation Symposium in Puerto Rico in July. Their topic was "Leisure Programming with Mentally Ill Adults: The Project LIFE Approach." Hitzhusen was co-chairman of the symposium. Jackson also presented a paper, "Meeting the Challenge: Individualizing Quality of Life" at the American Health Care Association's 42nd annual convention Oct. 10 in Orlando, Fla.

Aaron Krawitz, professor of mechanical and aerospace engineering, presented four lectures at the University of Linkoping and two at Chalmers University of Technology, both in Sweden, on residual stress measurements using neutron diffraction. He also gave talks on that topic at the Studsvik National Laboratory, Sweden, and Riso National Laboratory, Denmark. Krawitz was the deputy director of a NATO Advanced Research Workshop in Oxford, England, and was chairman of a session at the Riso Symposium on Metal Matrix Composites in Denmark.

Willis K. Samson, professor of anatomy and neurobiology, has been appointed chairman of the endocrinology merit review board for the Veterans Association.

Vernon A. Stone, professor of journalism, and a former student, Kimberly Burks, of WHBQ-TV in Memphis, Tenn., presented the paper "Differences at Work and at Home: Factors in Career Advancement by Male and Female News Directors," at the Association for Education in Journalism and Mass Communication convention in Boston in August.

William H. Taft, retired professor of journalism, was given the Presidential Award at a recent meeting of the Association for Education in Journalism and Mass Communications. Taft also retired as executive director of Kappa Tau Alpha, journalism scholarship society, after holding that position for 30 years. His wife, Myrtle, was presented \$200 for her assistance in the central office of KTA. Taft is succeeded by Keith Sanders,

professor of journalism.

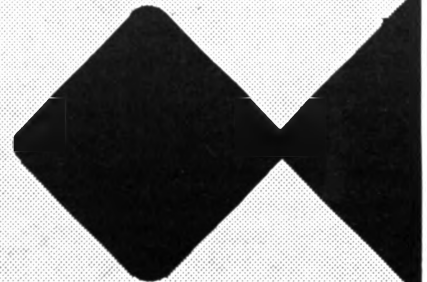
The Rusk Rehabilitation Center honored two staff members at its annual celebration in August. Sharon Colton, a social worker, received the Rusk General Rehabilitation Award. Mark Poore, a clinical nursing supervisor, received the Rusk Rehabilitation Nursing Award.

Five staff members at University Hospital and Clinics received divisional achieve-

ment awards in August. They are Linda Price, Education and Training staff development specialist; Gertie Purvis, a licensed practical nurse in neonatal intensive care; Steve Reeder, a building trades specialist and carpenter in Facilities Design and Development; Tom McSherry, staff pharmacist at the Student Health Center; and Joan Dohrer, a nurse clinician in Staff Health Services.

PARKING AND TRANSPORTATION SERVICES

107 SWALLOW
882-4568



774 parking spaces were open in the University Avenue Garage, 1,163 spaces in the Turner Avenue Garage and 628 in the Conley Avenue Garage between 8:30 and 9:00 p.m. on a weekday evening last week. Please direct evening students, concert attendees and other evening campus visitors to these locations for convenient well-lit parking.

Printing Services

Do YOU order Printing?

If so, the staff at Printing Services would like to meet you. We will come to your office to meet with you personally, or better yet, we will arrange for you and any of your co-workers to tour our new facility and learn more about the printing process. We have made several exciting improvements and have added new equipment that allows us to serve you better. If you are new to the University or you have new responsibilities that include ordering printing, a tour and a brief discussion on how we can serve you could be very helpful.

Printing Services is a full service printing and binding facility that is ready to provide high resolution, desktop publishing output; typesetting, paste-up and design; fast turnaround, quick copy reproductions; or a wide variety of printed and bound, single or full-color brochures, books and booklets. Please give us an opportunity to discuss your needs and answer your questions.

Just call Printing Services' Customer Service number, 882-7801 to set up a date and time for a tour and meeting.

Now serving you from our new location!

We are off Lemone Industrial Blvd. (up the street from Records Management and University Press). Our phone numbers have not changed and we are on Campus Mail delivery. Let us help you with your next project.

PRINTING SERVICES
2800 Maguire Blvd. • 882-7801



University of Missouri
Columbia

Slates set for staff elections

Fifteen staff members are candidates for five positions on the Staff Advisory Council, a 16-member group that serves as an advisory board to the chancellor.

Mizzou Weekly asked each nominee to describe current employee issues and how he or she would contribute to the council. Ballots have been mailed to all staff who are 75 percent FTE or more. Employees vote only for candidates in their peer groups, and ballots must be returned by Nov. 15.

There is one opening each in technical/paraprofessional, administrative/professional and in crafts/maintenance. Two positions will be filled in secretarial/clerical. New council members will begin three-year terms in January.

Council members whose terms expire are: Joyce Monroe, technical/paraprofessional; Ted Smith, crafts/maintenance; Shirley Calvin and Betty Youtsey, secretarial/clerical; and Poulletta King, administrative/professional.

Administrative/Professional



MARY ELLEN METZEN, executive staff assistant I at the School of Nursing, has worked at MU for nine years.

Although staff salaries are an important issue, Metzen says not much can be done now, with the University facing state budget cuts. Instead, she focuses on retirement issues facing staff. For instance, she thinks employees who have had a lengthy break in their service at the University should receive credit toward retirement for the earlier service period. "I would like to see staff have an early retirement option, like faculty have," Metzen says. "I think having day care here would be beneficial to many staff members."



LINDA SAPP-MOELLER, administrative associate II in the College of Arts and Science, has worked at MU for 21 years.

She says that the lack of raises this year at the University has had an impact on staff morale. "Anything the administration could do now that would be a pat on the back for staff is worth a lot, since we're not getting monetary rewards," Sapp-Moeller says. She adds that training programs such as educational assistance and the Staff Development Awards have helped staff morale. "I'd like to see them continue working on day care service for employees," she says, and adds that including dependents of employees in the educational assistance program would be a plus.



BOB SMITH, construction project manager with Campus Facilities, has worked at the University for nine years.

Smith says that salaries are an important issue for staff. However, given the University's current budget constraints, he says not much can be done to increase pay at this time. Instead, he would like to see improvements in the benefits package. "I would like to see us get some break on eyeglasses and those kinds of things, and perhaps lower deductibles for health insurance," Smith says. He also would support having more night classes available to staff, so they don't have to take time off from work to attend, and improve communication between staff and the administration.

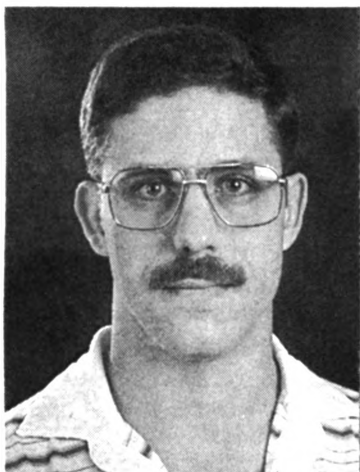


LEANN STEWART, training and development coordinator with Human Resource Development, has worked at Mizzou for one year.

She says that training and career development programs are important to staff. "Individuals without access to training may feel tied to their current position when they themselves know they have the abilities to move up," Stewart says.

Other issues she says are important to staff include the child care issue at MU, as well as making sure the University continues its good benefit program. Stewart would work to improve communications at MU, she says. "It's so important that we take care to communicate things openly."

Technical/Paraprofessional



WILLIAM BEAN, laboratory animal technician in the Department of Laboratory Animal Medicine, has been at MU for 10 years.

Priorities, Bean says, would include issues of the work environment, as well as education and professional development programs. Those programs, he says, are a key to the retention of trained and capable staff at Mizzou.

"If the majority of staff find it very difficult to go to school, perhaps something can be done to increase night classes."

The council's role, he says, is to act as a medium of communication between staff and the administration, to take "off-the-cuff ideas and transform them into something workable," he says.



MICHAEL CARTER, senior research laboratory technician at the Veterinary Medicine Diagnostic Lab, has worked at MU for five years.

For Carter, the two most important issues for staff are salaries and benefits. "Those two things go together to create a secure work environment," he says. "Benefits strengthen an employee's links to the University and serve as a recruitment tool for hiring faculty and staff." He would favor expanding the educational assistance program to cover an employee's immediate family.

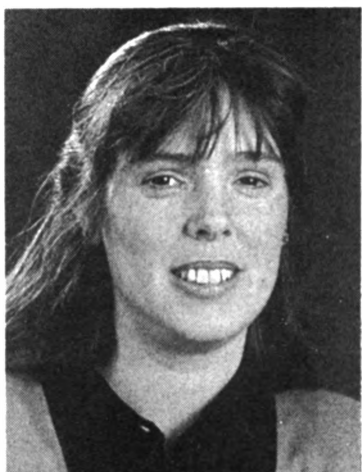
The cost of health care is another important staff issue, Carter says. "I think everybody should have the opportunity to receive a minimal level of health care."



JUAN LUNA, biomedical technician at Ellis Fischel Cancer Center, has worked at the cancer center for eight years.

Day care and educational benefits are issues that Luna says he would pursue if elected to the council. He describes the University's educational assistance program as "an incentive for good teachers and staff to come to MU," but adds that the program could be expanded to provide educational benefits for dependents. Luna supports current programs, such as the Staff Development Awards, that provide training for staff advancement. And Luna says he would like to see the University update its policy on staff layoffs.

Secretarial/Clerical



BARB BASNETT, chief clerk for Referral Services at University Hospital and Clinics, has been at Mizzou for two years.

Salaries are one concern for Basnett. She suggests that even in years that there are no general raises, funds be made available to reward outstanding employees for extra effort. Basnett says that child care is a constant problem for MU employees.

She favors expanding family sick leave opportunities for staff at MU. "Normally, that's why most women miss work, not for themselves, but for their families," Basnett says. She also suggests that the University allow staff to donate their accumulated sick leave to co-workers.



EVELYN GALLUP, data entry operator II with Accounting Services, has been at MU for eight years.

Gallup says she would like to help the council continue the good work it has been doing, especially in areas such as the educational assistance program and training seminars that help staff do a better job. She says that some of the issues that concern staff include the current hiring freeze.

"Wages are another thing of concern to staff when they are not able to get the salary increases they feel like they deserve," Gallup says. "I know that the council doesn't have control over that, but it is a concern of staff."

Crafts/Maintenance



STAN FREEMAN, an electrician with Residential Life, has worked at Mizzou for 17 years.

Salaries and other benefits top the list of Freeman's concerns. "Since the funding is not there for increasing salaries, maybe we could look into other benefits," he says. "The University should let employees know they're appreciated." One way to do that, Freeman says, would be for the University to add opportunities for staff such as incentives to employees who don't use a lot of sick leave, or more educational opportunities. Freeman also favors allowing University employees to retire with full benefits before age 55 if they complete the required length of service.



LARRY SMITH, a custodian at the School of Medicine, has worked at MU for seven years.

Smith says his main objective would be to improve relations between staff and the administration.

Salaries are another concern for Smith. "Among blue-collar workers, I'd say the biggest issue is raises," he says, and adds that in past years, small salary increases have been offset by higher parking fees and health insurance premiums. Smith says the council allows employees a forum in which they can voice their opinions. "I would just like to see that justice is served. Everybody should have the opportunity to express their opinions," he says.



JOHN VAN HOOK, maintenance service attendant with University Hospital and Clinics, has been at MU for seven years.

In an era of tight budgets, Van Hook says staff are worried about job cutbacks. "I would like to see the University come up with something to help with morale," he says. Van Hook says he would like to see the University "do something creative with the benefits package." Van Hook favors a "cafeteria-style" benefit package that would allow Mizzou employees to tailor their benefit plans to meet individual needs. And he thinks employees should be able to retire with full benefits at an earlier age if they have the necessary years of service.



SANDRA KUBAL, senior secretary in the Department of Religious Studies, has worked at MU for eight years.

One concern she would like to work on is improving communication between staff and campus officials. "Staff a lot of times don't know what's going on in the administration," she says. "We have such a great resource here — the people who work at the University — so we have the basis to make all this work. We just have to start talking to each other." Kubal says that an increase in training and appreciation programs for staff would improve morale. "Administrators need to know what the concerns of the staff are. The council has brought in a lot of welcome ideas," she says.



KATHY SHARP, senior secretary at the School of Journalism, has worked at MU for two years.

"Child care is important to me. I think we need something on campus or close to campus for employees," she says. "Not just for myself — A lot of working mothers are needing child care."

Sharp says the University should continue trying to hold down the costs of health insurance for employees. "Insurance here is great, it just still seems a little high," she says. As a council member, Sharp would work for greater recognition for staff members and more staff participation in campus activities. The purpose of the council, she says, is "to represent all the staff on campus fairly."



JOANN WILLIAMSON, administrative assistant in the pathology department at Ellis Fischel Cancer Center, has worked at the cancer center for 20 years.

"I think one of the main concerns is to keep up staff morale, no matter where you work," Williamson says, and adds that the University should provide incentives for employees who do outstanding work. She says staff should be encouraged to use the educational programs available. "I would like to see every employee in all departments have a chance to further their education," says Williamson. She adds that a child care program would be a benefit for employees and would probably cut the amount of sick leave used.

Development awards given to 18 employees

Eric Nelson might be getting in over his head, thanks to a grant from MU's Staff Development Awards.

Nelson, a fisheries technologist with the School of Natural Resources, will use the \$155 grant to attend a scuba diving course. He works with fishery researchers who are developing methods for observing fish populations in Missouri's streams and rivers. So far, he's used snorkel gear to monitor fish in the Jack's Fork and Niangua rivers. With scuba training, he can expand those observations to deeper pools in those rivers.

Nelson is one of 18 staff members who will receive the development award this semester. The idea behind the Staff Development Awards is basic: By helping staff members grow, the University grows as well. The awards were initiated two years ago by Chancellor Haskell Monroe to provide staff with opportunities for professional or personal development. The program provides grants for staff to attend workshops, seminars or conferences.

For this semester's awards, 17 proposals were approved for funding by the Staff Advisory Council. The successful applicants will share a total of \$16,634. This fall, the amount available for grants was increased from \$30,000 a year to \$50,000. The awards are given three times a year, and for each round a committee of staff members from across campus reviews stacks of proposals.

Staff members who received the development awards this semester are:

- **Cindy Roberts**, specialist with Telecommunications, \$1,195 to attend a conference on data communications.
- **Le Anne Wiseman**, coordinator with Residential Life, \$135 to attend a workshop on campus violence.
- **Eddie Roberts**, mechanical trades specialist with University Hospital and Clinics, \$2,196 to attend a conference on air conditioning controls.
- **Kathryn Anderson**, senior registered respiratory therapist with University Hospital and Clinics, \$714 to attend a critical care conference.
- **Randy Brown**, building maintenance mechanic with University Hospital and Clinics, \$1,582 to attend a digital inverter course.
- **Susan R. Burns**, administrative assistant with the College of Education, \$69 to attend a workshop on communication skills for women.
- **Christopher Pulliam**, editorial assistant II with American Archaeology, \$629 to attend a workshop for manuscripts editors.
- **Eric Nelson**, fisheries technologist with the School of Natural Resources, \$155 for instruction in open water diving.
- **Celeste Jost**, word processor II with the Graduate School, \$1,149 to attend a computer systems manager's course.
- **Diana Kritzer and Louise Simon**, neonatal transport nurses with University Hospital and Clinics, \$2,576 to attend a workshop on current concepts in neonatal transport.
- **Margaret Hogan**, animal surgical technician with the College of Veterinary Medicine, \$1,830 to perform an externship in cardiac bypass anesthesia.
- **Sharon Anderson**, biostatistics statistician with University Hospital and Clinics, \$555 to make a presentation and attend the national scientific meeting of the Health Professions Association.
- **Sally Malloy**, career planning and placement adviser at the School of Journalism, \$500 to attend the management leadership institute of the College Placement Council.
- **Marlene Edgar**, senior accountant with Accounting Services, \$700 to attend a course on intermediate fund accounting and reporting.
- **Lavona Virgen**, senior health program specialist at the Multipurpose Arthritis Center, \$925 to attend the national scientific meeting of the Arthritis Health Professions Association.
- **Marti Jean Sigsbee**, education nurse with University Hospital and Clinics, \$789 to attend the convention of Resource Applications.
- **Mary Hinton**, administrative assistant with Campus Facilities, \$905 to attend a computer troubleshooting course.



Barbara Thornton's United Way unit has returned 100 percent of its pledge cards.

Tammy Atkins photo

Personally thankful

MU employee, whose brother is helped by the United Way, is happy to serve as a volunteer.

When Barbara Thornton was asked by the director of her office to be chairwoman of its part in MU's United Way drive, her acceptance was personally inspired.

"I've seen the positive things it's done for me and my family," says Thornton, an administrative assistant in the Career Planning and Placement Center.

Her 30-year-old brother has Down's Syndrome. With programs supported by the United Way, he has been able to lead a virtually self-sufficient life in Mexico, Mo.

He has a job and his own apartment — something Thornton says would not have been possible for him 20 years ago, before the United Way helped bring about programs such as Supported Employment. *

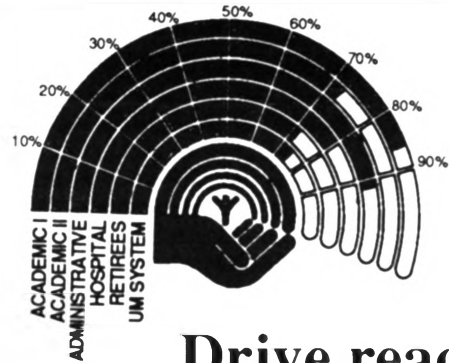
Thornton says she's glad to see that people with disabilities are getting help early in their lives. There are programs now that provide children with things such as educational toys, which her brother did not have.

But it's crucial that the support continues. "We need to ensure that we're helping people with disabilities when they're 30, 40 and 50, too," she adds.

Keeping the United Way funded through donations is integral to this.

"It works now, and we have to keep it going," she says, alluding to the UW slogan, "Thanks to You, It Works." Her fund-raising unit has been doing its part, returning 100 percent of its pledge cards. She adds that funding "has to stay with the times," and that programs must keep growing with the people they help.

"The more opportunities we can give through the programs," Thornton says, "the more we can help people with disabilities make it on their own."



Drive reaches 80 percent

With a week left in the regular campaign, MU's United Way drive is nearing its goal.

On Oct. 30, volunteers reported receiving \$173,713 in pledges and donations, or 80 percent of the goal. Last year at this time, the University's drive had reached 76 percent.

"We're right on target," says Bob Bailey, assistant dean of law and co-chairman of the campaign. "We want to thank everyone who has given, especially in these tight fiscal times. If you haven't contributed yet and would like to, we certainly could use the support."

Money raised on campus goes to the Columbia Area United Way, which helps to fund 26 social service agencies in the community. With questions or to make a donation, call 882-7254.

Building A Better Mizzou

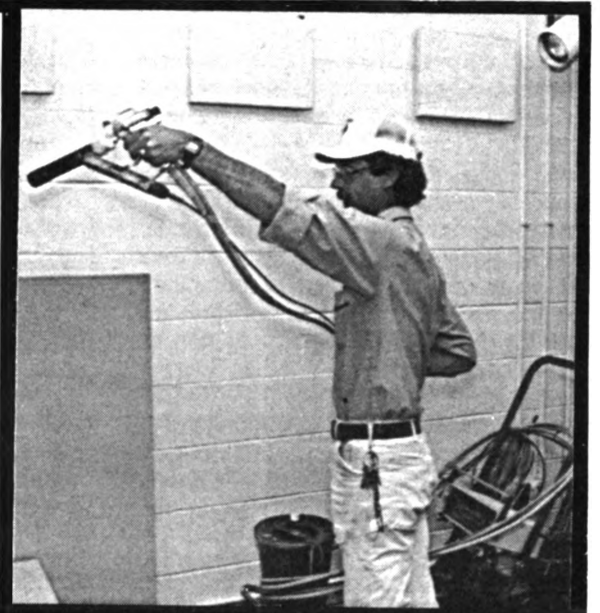
Facelift

Steve Coleman paints furniture. But not with a brush and not in a carpenter's shop. He will paint your furniture right in your office. That's right...in YOUR office. And to top it off, you won't have paint overspray on your files and strong fumes to breathe. Steve uses a process called electrostatic painting that works miracles on any scratched-up metal furniture at a fraction of the price it costs to buy it new. So if your office needs a facelift, or if your current style is mix and match, Steve and the other Campus Facilities painters can help. We'll match any paint color and we can handle almost any job.

Give Campus Construction a call at 882-1170 for more information.

Steve Coleman...another of

The Many Faces of Campus Facilities



Q&A

Q. I received a very nice notebook today that is titled "Faculty and Staff Benefit Programs." I understand all full-time faculty and staff received one of these. What was the cost of each notebook and its contents? What was the total cost for the University? At a time when higher education in the state needs more money, how can the University justify these costs?

A. This reply to your question comes from Kenneth Hutchinson, UM System associate vice president for Human Resource Services:

"The University made a massive number of changes in its retirement and overall benefit programs in September of 1990. The changes were published in *Spectrum*, *Mizzou Weekly* and through benefit bulletins to the faculty and staff. It is critically important, however, for faculty and staff to have good, ongoing information available to them on the various benefit programs. The University spends millions of dollars annually on these programs. Those of us involved in benefit program administration have heard repeated suggestions that the benefits communications should be improved and that employees need good, ready references on the provisions of all programs.

"After reviewing different communications options, it was decided to purchase a binder with individual program inserts. The intention is to put something substantial in the hands of employees and their families that explains the benefit programs and at the same time will last for a number of years. The three-ring benefit binders cost \$1.99 per employee, and the plan inserts cost \$4.48, for a total of \$6.47. The binder and inserts were sent to 13,811 benefit-eligible faculty and staff on the four campuses.

"The handbook has been designed so future benefit changes and other benefit bulletins can be inserted directly into the binder. It is our hope that the binder and inserts will allow for better organization of the material and will save on long-term printing and production costs by extending the useful life of the individual documents."

Keith Schrader, professor of mathematics and a member of the University's retirement and staff benefits committee, adds that his group has strongly encouraged the administration to provide good benefit information to faculty and staff. "Many employees probably don't understand the complexity of some of the provisions," Schrader says. "I know from serving on the committee the hardships caused when employees do not know the time limits on signing up dependents, or what is considered a covered medical expense, or when there is a lack of understanding of the options available in the retirement plan."

Q. I'm a staff member at MU, and recently I received a form from the Personnel Department that puzzles me. It's called a personnel action form, and gives the basic information about my salary, job title and payroll account for what it calls my "91-92 appointment." Under the section for "appointment end date" it lists "indefinite." Here's my question: Does this mean that I'm being employed by MU on a year-to-year basis? Am I subject to termination on each anniversary date of my employment when the annual "appointment" expires? Also, is there any University policy on layoffs? Would layoffs be decided by seniority, job perfor-

mance or some other factor?

A. Employees who have appointment ending dates of "indefinite" are employed on an indefinite basis and are not subject to annual reappointment approval, says Dorene Novotny, director of Personnel Services. Employees who have a definite appointment ending date are subject to reappointment approval on or before their appointment ending date. Failure to approve the reappointment would result in termination.

The University does have a policy on layoffs, Novotny says. The general provisions include the following: If abilities, skills, training and other relevant qualifications to fill existing positions are considered equivalent between employees, the employee with

the longest seniority will be retained and the employee with the shortest seniority will be the first laid off. You can find more information on the matter in the University Personnel Policy Manual in sections PE101 and PE117.

Q. Is there a campuswide policy on maternity leave for MU employees, or are those policies set by individual departments? Can employees use sick leave for maternity reasons, even if they are not physically ill but are not quite ready to leave their new baby and come back to work?

A. Absences which are a result of disability due to pregnancy are treated like any other illness or injury, says Dorene Novotny,

director of Personnel Services. This means an employee may use sick leave, as well as vacation, personal days or leave without pay, to attend to medical appointments during the pregnancy or after the delivery of the baby. Sick leave also may be used for illness or recovery after the delivery of the baby while under the care of a physician. Normally, this recovery time is approximately six weeks.

After an employee is released by a physician, the employee may, with supervisor approval, request to use remaining vacation or personal days. If no paid time off remains, the employee may request a leave of absence without pay. Novotny refers you to section PE503 of the University's Personnel Policy Manual.

The University Hospital Graduate Series

This University Hospital graduate is building a strong future.

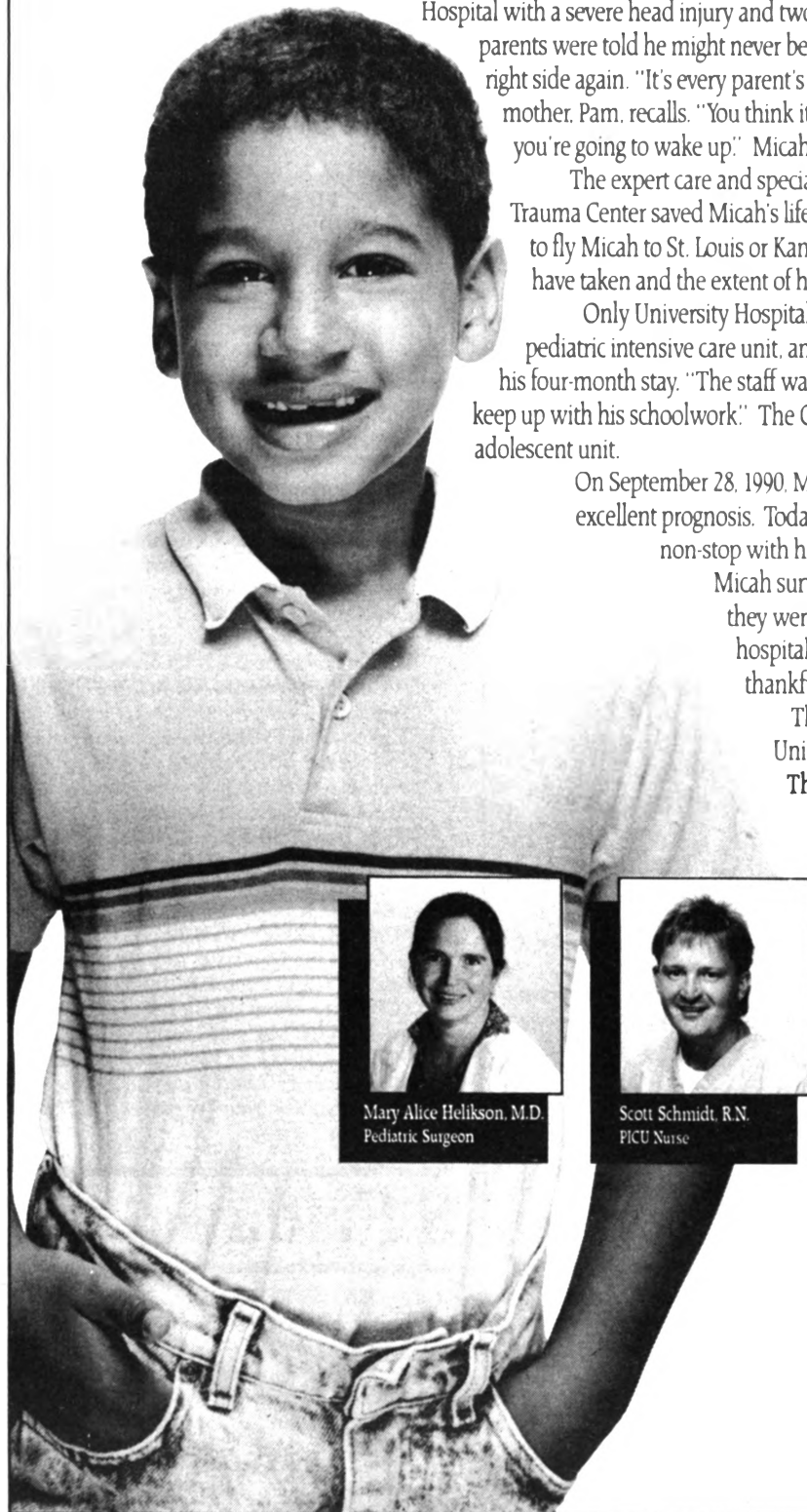
On May 5, 1990, seven-year-old Micah Roach lay unconscious in the street, hit by a car in front of his home. He was rushed to University Hospital with a severe head injury and two broken legs. His parents were told he might never be able to speak or use his right side again. "It's every parent's nightmare," Micah's mother, Pam, recalls. "You think it's just a bad dream and you're going to wake up." Micah was in a coma for 21 days.

The expert care and specialized resources found in University Hospital's Level 1 Trauma Center saved Micah's life. "Without University Hospital, we would have had to fly Micah to St. Louis or Kansas City. When you think about the time it would have taken and the extent of his injuries," says Pam, "he might not have made it."

Only University Hospital's Children's Center had the pediatric surgeon, pediatric intensive care unit, and in-hospital school program Micah needed during his four-month stay. "The staff was just excellent," explains Pam, "and Micah was able to keep up with his schoolwork." The Children's Center also offers a short stay center and adolescent unit.

On September 28, 1990, Micah was discharged from the hospital with an excellent prognosis. Today he's back at school, running around and talking non-stop with his friends. "I believe The Staff for Life is the reason Micah survived," says Pam. "They were so supportive—they were like family. University Hospital really is a caring hospital. I mean it from the bottom of my heart. I'm very thankful for University Hospital. Very."

This graduate and his family can't imagine life without University Hospital's Children's Center.
There's Only One University Hospital.



Mary Alice Helikson, M.D.
Pediatric Surgeon



Scott Schmidt, R.N.
PICU Nurse



Luis Visot, EMT-P
Paramedic



Sharon Nelson, M.S.
Speech Pathologist

 **University
Hospital & Clinics**
The Staff for Life

CALENDAR

Send calendar items in Campus Mail to Michelle Holden, 1100 University Place, by noon Wednesday the week before publication. Events are free and open to the public unless otherwise noted.

HIGHLIGHTS

JOURNALISM BANQUET: Missouri Honor Medal recipients will be recognized for distinguished service in journalism at the annual Journalism Banquet, at 7 p.m. Nov. 8 at the Holiday Inn Executive Center, I-70 and Stadium Boulevard. Cost: \$18 students; \$20 faculty, staff and public. Call 882-4821.

MU FOOTBALL: Tigers will play Oklahoma at 1 p.m. Nov. 9 on Faurot Field. Cost: \$20.

CONCERT SERIES: Classical guitarist Christopher Parkening will perform at 8 p.m. Nov. 13 in Jesse Aud. Cost: \$15 public and faculty/staff/retirees, \$12 students.

5 Tuesday

BUSINESS SERVICES SEMINAR: Business Services will offer sessions on "Mail Services-Mail List Management" from 8:30-10 a.m.; "Telecommunications" from 10:30 a.m.-noon; "Printing Services" from 1:30-3:30 p.m.; and "Environmental Health and Safety" from 1:15-2:30 p.m. Call 882-4859.

BIOLOGICAL SCIENCES SEMINAR:

Mark Johnson, of Washington University, will present "Multiple Mechanisms Regulating a Yeast Transcriptional Activator Protein" at 3:40 p.m. in 115 Tucker Hall. Refreshments will be served at 3:15 p.m. in 111 Tucker Hall.

PHARMACOLOGY RESEARCH SEMINAR: Archie Thurston, graduate research assistant in pharmacology, will present "Platelet Activating Factor Signaling Mechanisms" at 3:40 p.m. in M558 Health Sciences Center.

MOLECULAR BIOLOGY AND IMMUNOLOGY SEMINAR: Helen Quill will present "Signaling Defects in T Cell Clonal Anergy" at 3:40 p.m. in M640 Medical Science Bldg.

ENHANCING YOUR CAREER WORKSHOP: The Career Planning and Placement Center will present "What Interests You? Finding Careers that Fit Your Interests" at 7 p.m. in 110 Noyes Hall.

FACULTY ENSEMBLE SERIES: The Missouri Arts Quintet will perform at 8 p.m. in the Whitmore Recital Hall.

6 Wednesday

NEW EMPLOYEE ORIENTATION: A

seminar for new employees will be from 8:30 a.m.-noon in 146 Heinkel Bldg. Call 882-4859.

BUSINESS SERVICES SEMINAR: Business Services will offer sessions on "Mail Services-Inserting on New Bell & Howell Machine" from 8:30-10 a.m., and "Procurement/Materials Management" from 10:30-11:30 a.m. and 1:30-4:30 p.m. Call 882-4859.

UNIVERSITY EXTENSION: John Ballard and Pat Cronan, extension governmental affairs specialists, and David West, professor of finance, will present "Public Budgeting in Tight Times," a program on efficient budgeting techniques, from 9 a.m.-4 p.m. at the Ramada Inn, 1100 Vandiver Drive. Cost: \$98. Call 882-4028.

MIDDAY GALLERY EVENT: The Faculty Brass Ensemble will perform at 12:15 p.m. at the Museum of Art and Archaeology.

PLANT PATHOLOGY SEMINAR: Keith Emery, of the Department of Plant Pathology, will present "Alfalfa Leafspot Development in Relation to Potassium Fertility and Plant Growth" at 3:30 p.m. in 200 Waters Hall.

WOMEN'S CENTER: Barb Carter, legislative chairwoman of the Missouri Women's Network; Colleen Coble, executive director of the Missouri Coalition Against Domestic Violence; Lucille Salemo Gill, of the League of Women Voters; and Mary Mosley, state coordinator of Missouri NOW, will present "Does the Law Know We're Here?" at 7 p.m. in 229 Brady Commons.

ECOLOGY AND EVOLUTION SEMINAR: Robert Stickney, of the University of Washington, will present "Application of the Endangered Species Act to Fisheries Management in the Pacific Northwest" at 7:30 p.m. in 106 Lefevre Hall.

MSA/GPC SPECIAL EVENT: Martha Quinn, a Video Jockey for MTV, will speak at 8 p.m. in Jesse Aud.

MSA/GPC FILM: *I'm Gonna Get U Sucka* will be shown at 8 p.m. in Ellis Aud. Cost: \$1.50 public, free for MU students with ID.

on CNS-Mediated Hypertension: Role of the Endothelins" at 2:40 p.m. in M437 School of Medicine.

ENTOMOLOGY SEMINAR: Newell Kitchen, assistant professor of agricultural economics, will present "The Prolog: Missouri MSEA — Alternative Management Systems for Enhanced Water Quality of an Aquifer Underlying Claypan Soils" at 2:40 p.m. in 2-7 Agriculture Bldg.

MANAGEMENT RESEARCH SEMINAR: George Dreher, of Indiana University, will present "The Role of Mentorship and Sponsorship in Accounting for Career Attainment Among Minorities in Business" at 3 p.m. in 309 Middlebush.

JOURNALISM BANQUET: See Highlights.

MSA/GPC FILM: *The Doors* will be shown at 7 p.m. and 9:30 p.m. in Ellis Aud. *Sid and Nancy* will be shown at midnight in Ellis Aud. Cost: \$2.50.

STUDENT ENSEMBLE SERIES: The University Philharmonic, conducted by Edward Dolbashian, will perform at 8 p.m. at the Missouri Theater, Ninth and Locust streets.

LAWS OBSERVATORY: The observatory, atop the Physics Building, will be open from 8-10 p.m. for public viewing of the skies, weather permitting. Sponsored by the Arts and Science Student Government and Central Missouri Amateur Astronomers. Call 882-5502.

9 Saturday

NURSING STATE CONFERENCE: The Missouri Association of Occupational Health Nurses will present "The Occupational Health Nurse: Professional and Personal Challenges of the '90s," a three-day seminar, at the Lodge of the Four Seasons, Lake Ozark, Mo. Cost: \$95 for MAOHN members; \$110 for non-members. Call 882-0215.

WOMEN'S CENTER: Carla Lee Anderson, psychologist, will offer a workshop, "Empowering Self and Others" from 9 a.m.-noon in 229 Brady Commons.

MU FOOTBALL: See Highlights.

MSA/GPC FILM: *The Doors* will be shown at 7 p.m. and 9:30 p.m. in Ellis Aud. *Sid and Nancy* will be shown at midnight in Ellis Aud. Cost: \$2.50.

10 Sunday

FACULTY ENSEMBLE SERIES: The Esterhazy Quartet will perform at 3 p.m. in the Whitmore Recital Hall.

RECREATION/INTRAMURALS: Creative/International Dance taught by Sandradee, a native of Jamaica, will be offered from 5:50-6:50 p.m. Sundays through Dec. 8 in B301 Student Recreation Center. Call 882-2066.

STUDENT ENSEMBLE SERIES: The University Singers, conducted by David Rayl, will perform at 8 p.m. at the Missouri Theater, Ninth and Locust streets.

MSA/GPC FILM: *Gilda* will be shown at 8 p.m. in Ellis Aud. Cost: \$1.

11 Monday

WOMEN'S CENTER: "Apply Now! Loans, Grants and Scholarships for Women" will be offered at noon in 229 Brady Commons.

BIOCHEMISTRY SEMINAR: Thomas Meek will present "The HIV-1 Protease: Mechanistic Studies and its Potential as a Target for Rationally-Designed Anti-Acids Therapy" at 3:40 p.m. in MA217 Medical Sciences Bldg.

SOIL AND WATER SOURCES SEMINAR: Tony Prato, professor of agricultural economics, will present "Utilization of Broiler Litter to Protect Water Quality" from 3:40-4:30 p.m. in 133 Mumford Hall.

RECREATION/INTRAMURALS: Entries close at 5 p.m. for men's racquetball singles. Play begins Nov. 18. Call 882-2066.

7 Thursday

UNIVERSITY HOSPITAL AND CLINICS: Flu shots will be offered to people over the age of 13 from 10 a.m.-1 p.m. and from 4-7 p.m. at the Health Information Center in Columbia Mall. Cost: \$5.

WOMEN'S CENTER: Deborah Doxsee, assistant director of the Center for Dispute Resolution, director of the Community Mediation Service and adjunct assistant professor of law, will present "Women, (Dis)Empowerment and the Law: Processes for Gaining a Voice" at noon in 229 Brady Commons.

BUSINESS SERVICES SEMINAR: Business Services will offer sessions on "Accounting Services — Forms" from 8:30-noon and "Accounting Services — Reading FBMO 90/91" from 1:30-5 p.m. Call 882-4859.

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

MOLECULAR BIOLOGY AND IMMUNOLOGY SEMINAR: Ronald K. Taylor, of the University of Tennessee, will present "Vibrio Cholerae Colonization Pilus (TCP) Expression and Biogenesis" at 3:40 p.m. in M460 Medical Sciences Bldg.

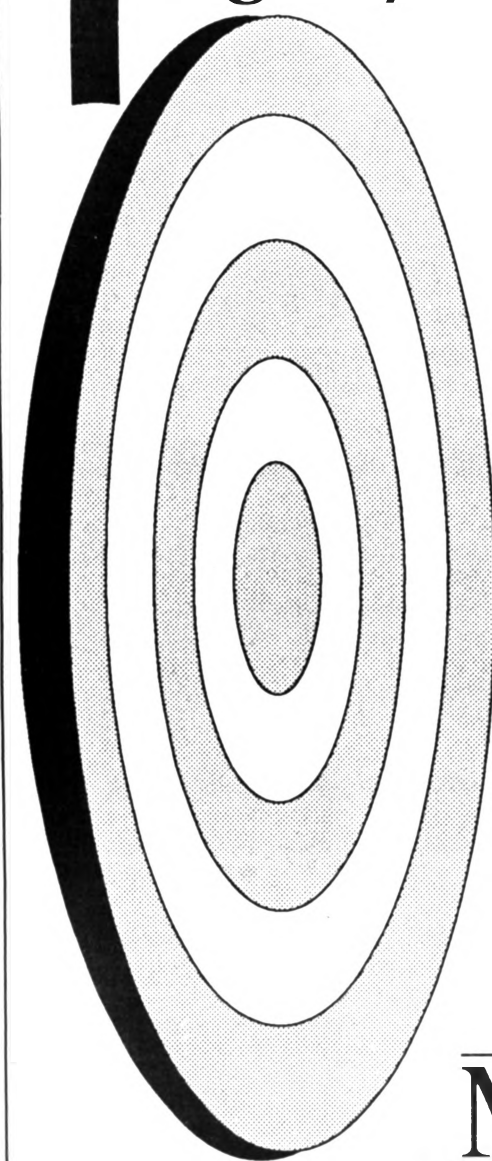
WOMEN'S CENTER: Kathleen Weinshenk will conduct a support group for women with disabilities from 7-9 p.m. in 229 Brady Commons.

8 Friday

WILDERNESS ADVENTURES: Group will sponsor a three-day rockclimbing trip to Sam's Throne, Ark. A pre-trip meeting is scheduled for Nov. 6. Cost: \$55. A three-day intermediate backpacking trip to Paddy Creek also will be offered for \$45. Call 882-3066.

PHYSIOLOGY AND ANATOMY SEMINAR: Alastair Ferguson, of Queen's University, will present "Humoral Effects

Target your market



You can reach over 11,000 MU faculty, staff, hospital workers, graduate students and retirees by advertising in *Mizzou Weekly*. Our publication targets the MU community and your ads can too!

Each issue of *Mizzou Weekly* highlights campus programs, news and changes within the University. That's why *Mizzou Weekly* is the most efficient means for your message to reach the MU community.

So call Pete Laatz at 882-7357 to find out how you can hit the bull's eye with the next issue of *Mizzou Weekly*.

MIZZOU
WEEKLY

EXHIBITS

BINGHAM GALLERY: Douglas Keller will present his master's thesis exhibition of paintings, drawings and prints Nov. 7-15. Hours: 10 a.m.-4 p.m. Monday through Friday and 2-4 p.m. Sunday. Gallery is in the Fine Arts Building.

JESSE AUD LOBBY: "Teams, Trucks, Tri-Motors, and Trains: the Transportation Paintings of Ollie C. Ziegler," showcasing the contributions Missouri has made to the history of transportation, is being presented through December. Also, pictures highlighting services and activities available for older adults at the Eldercare Center will be on display through November.

JESSE HALL CASES, SECOND FLOOR: "The Maine Acadian Culture Survey, St. John River Valley Folklife Survey Project" and "The Life and Times of Odon Guitier" is on display through Jan. 20.

MEMORIAL UNION DISPLAY CASE: "Welcome Home," an exhibit on MU Homecoming compiled by University Archives, is on display through December.

MUSEUM OF ART AND ARCHAEOLOGY: "Inspired by the Past: Works on Paper by Jorg Schmeisser" will be presented from Nov. 9-Jan. 12. The museum, in Pickard Hall, is open from 9 a.m.-9 p.m. Tuesday, 9 a.m.-5 p.m. Wednesday through Friday and noon-5 p.m. Saturday and Sunday.

STATE HISTORICAL SOCIETY: The gallery, in the east end of Ellis Library, is featuring "Remember the War...50 Years Ago," with oils and lithographs by Thomas Hart Benton and wartime editorial cartoons by Daniel Fitzpatrick; and "The Colored Engravings of Karl Bodmer," both through mid-December. The corridors are featuring "Salon Photographs by Andy Tau" and "Decades: 1882 to 1972, Editorial Cartoons," through mid-December. The gallery is open from 8:30 a.m.-4 p.m. Monday through Friday. The corridors are open from 8 a.m.-4:30 p.m. Monday through Friday and 9 a.m.-4:30 p.m. Saturday.

UNIVERSITY HOSPITAL AND CLINICS: Paintings by Jennifer Taylor and ceramics by Greig Thompson are on display in the main lobby concourse of the hospital through Dec. 1. A children's art show featuring art by pediatric patients and area school children also is presented on an ongoing basis.

WOMEN'S CENTER: Drawings by Mary Harris is on display through Dec. 13 in 229 Brady Commons.

ART AND ARCHAEOLOGY LECTURE:

Independent artist Jorg Schmeisser will present "Inspired by the Past" at 7 p.m. at the Museum of Art and Archaeology.

MSA/GPC FILM: *Women on the Verge of a Nervous Breakdown* will be shown at 8 p.m. in Jesse Aud. Cost: \$1.50.

12 Tuesday

EMPLOYEE DEVELOPMENT SEMINAR:

Bonnie Vegiard, graduate research assistant and program coordinator in Student Development, will present "Assertiveness" from 9 a.m.-noon in 146 Heinkel Bldg. Call 882-4859.

PHARMACOLOGY RESEARCH SEMINAR:

Hattie Gresham, assistant professor of pharmacology, will present "Integrin Regulation of Phagocytosis" at 3:40 p.m. in M558 Health Sciences Center.

RECREATION/INTRAMURALS:

A water exercise class will be offered from 5:15-6 p.m. Tuesdays and Thursdays through Dec. 10 at McKee Pool. Cost: \$12. Call 882-2066.

WOMEN'S CENTER:

"Lesbian Roundtable: Coming Out" will be at 7 p.m. in 229 Brady Commons.

ENHANCING YOUR CAREER

WORKSHOP: The Career Planning and Placement Center will present "Balancing Your Work and Personal Life" at 7 p.m. in

110 Noyes Hall.

STUDENT ENSEMBLE SERIES: The Horn Choir, conducted by Laurence Lowe, will perform at 8 p.m. in the Whitmore Recital Hall.

13 Wednesday

MEDICAL/SURGICAL NURSING

UPDATE: The School of Nursing and University Extension will present "Managing Acute Medical/Surgical Crises" from 7:45 a.m.-4:30 p.m. at the Holiday Inn Executive Center, I-70 and Stadium Boulevard. Cost: \$99. Call 882-0215.

EMPLOYEE DEVELOPMENT SEMINAR:

Carma Messerli, coordinator in the Access Office, will present "Sense and Sensitivity: Dealing with Disability Issues" from 9 a.m.-noon in 146 Heinkel Bldg.

FOOTBALL LUNCHEON:

Faculty, staff and retirees can talk football with Coach Bob Stull from noon-1 p.m. in the Tingle Tiger Lounge at Memorial Stadium. Cost: \$5. Reservations required by Nov. 8. Call 882-2076.

WOMEN'S NETWORK:

Kathy Thornburg, director of the Child Development Laboratory, will present "Coping with Day Care Needs" from noon-1:30 p.m. in N214-215 Memorial Union. Call 882-6701.

MIDDAY GALLERY EVENT:

Christine C. Neal, associate curator of European and

American art, will present "Twentieth-Century American and European Works: Selections from the Permanent Collection" at 12:15 p.m. at the Museum of Art and Archaeology.

PHARMACOLOGY SEMINAR SERIES:

Hiroshi Fugise, of Azabu University in Japan, will speak on "Cl-Dependent K Transport and Volume Regulation in Red Blood Cells" at 1 p.m. in M558 Medical Sciences Bldg.

PLANT PATHOLOGY SEMINAR:

Lea Madi, of the Department of Plant Pathology, will present "Improving the Antagonistic Properties of *Talaromyces Flavus* by Sexual Crosses" at 3:30 p.m. in 200 Waters Hall.

MOLECULAR BIOLOGY AND

IMMUNOLOGY SEMINAR: William H. McClain, of the University of Wisconsin-Madison, will present "Transfer RNA Acceptor Identity: On the Dawn of Molecular Flexibility" at 3:40 p.m. in M640 Medical Sciences Bldg.

WOMEN'S CENTER:

Teryl Nemeth, director of the School of Metaphysics, will present "Developing Your Mind Power" at 7 p.m. in 229 Brady Commons.

ECOLOGY AND EVOLUTION SEMINAR:

Diann Jordan, assistant professor of soil sciences, will present "Nitrogen Cycling in the Soil/Plant Ecosystem: a Source-Sink Relationship" at 7:30 p.m. in 106 Lefevre Hall.

CONCERT SERIES: See Highlights.

MSA/GPC FILM: *The Godfather* will be shown at 8 p.m. in Ellis Aud. Cost: \$1.50 public, free for MU students with ID.

14 Thursday

EMPLOYEE DEVELOPMENT SEMINAR:

Dorene Novotny, director of Personnel Services and Employee Relations, will present "Negotiations" from 9 a.m.-4 p.m. in 146 Heinkel Bldg. Call 882-4859.

MANAGEMENT SEMINARS:

Hal Wood, manager of Advisory Management Services, will present "The Mechanics of Management and Supervision" from 9 a.m.-4 p.m. at the Days Inn, 1900 I-70 Drive S.W. Cost: \$149. E. Jane Rutter, president of Grants Links, will present a two-day proposal writing workshop, "Get That Grant!" at the Days Inn. Cost: \$379. Call 882-4803.

NUTRITION RESEARCH SEMINAR

SERIES: Steven S. Clarke, of the University of Wisconsin-Madison, will present "Fat and Gene Expression" at 3:40 p.m. in 103 Animal Sciences Center.

ENVIRONMENTAL ENGINEERING

SEMINAR: "Toxins Released to the Air: Neurotoxic, Carcinogenic and Environmental Effects" will be presented from 7:30-9 p.m. in S203 Memorial Union.

MSA/GPC FILM:

The Godfather II will be shown at 8 p.m. in Ellis Aud. Cost: \$1.50 public, free for MU students with ID.

SCHOOL OF FINE ARTS SERIES:

The Department of Theater will present Eric Wilson's *Strands* at 8 p.m. in the Corner Playhouse. Cost: \$4.

15 Friday

CONTINUING PROFESSIONAL

EDUCATION PROGRAM: Parris Watts, associate professor of health and physical education, will present "Adolescent Pregnancy Prevention and Response Programs in the Schools" from 9 a.m.-4 p.m. in 234 Brady Commons. Cost: \$70. Call 882-7403.

MSA/GPC FILM:

The Godfather III will be shown at 7 p.m. and 9:30 p.m. in Jesse Aud. Cost: \$2.50.

SCHOOL OF FINE ARTS SERIES:

The Department of Theater will present Eric Wilson's *Strands* at 8 p.m. in the Corner Playhouse. Cost: \$4.

LAWS OBSERVATORY:

The observatory, atop the Physics Building, will be open from 8-10 p.m. for public viewing of the skies, weather permitting. Sponsored by the Arts and Science Student Government and Central Missouri Amateur Astronomers.

Is your
workday
unbearable?
Union
Express has
relief for
you.

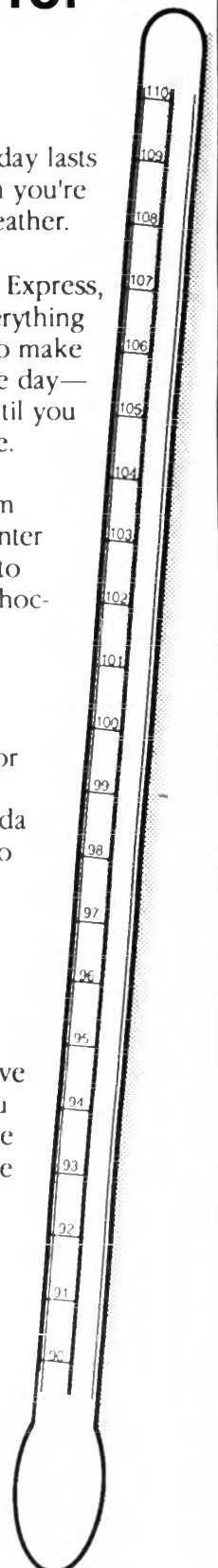
The workday lasts forever when you're under the weather.

At Union Express, we stock everything you'll need to make it through the day—or at least until you can get home.

Select from over-the-counter medications to steamy hot chocolate. Going home early? Pick up a magazine, newspaper, or video along with your soda and snacks to make your recuperation more comfortable.

At Union Express, we've got what you need to make it through the day.

We're in Memorial Union, North. Come see us.



UNION EXPRESS

Main Level Memorial Union
Mon.-Thurs.: 7-9, Fri.: 7-8, Sat.: 10-6

* We also feature get well and other greeting cards



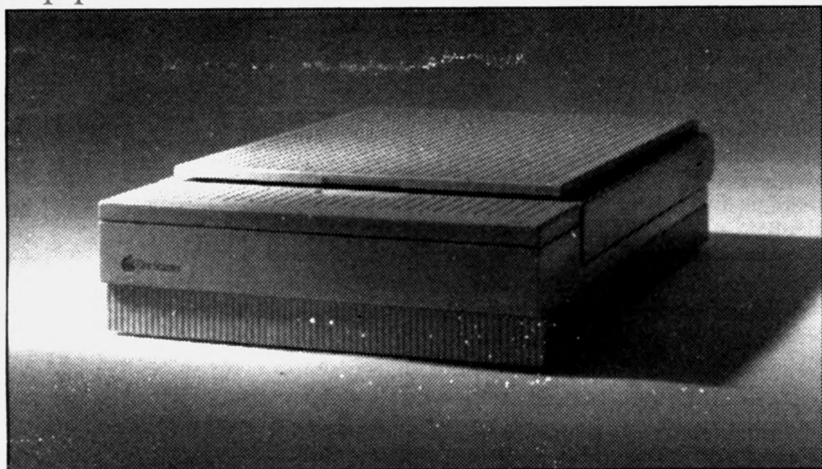
BE A SPORT...

Exercise
Healthy
Alternatives

PROJECT **A.D.A.P.T.**
ALCOHOL AND DRUG ABUSE PREVENTION TEAM

Now your documents can look better coming or going.

Apple One Scanner \$889



Here's the fast, easy way to add high-quality black-and-white graphics and images to your documents. Add the Apple® OneScanner™ to any Macintosh® system and you can include both creative and practical pictures in your work, in a simple one-step operation. The OneScanner helps you convey information more rapidly and precisely—and in a manner more appealing to your audience.

This versatile flatbed scanner generates professional-quality images with outstanding clarity and fidelity to any original, thanks to its Ofoto™ scanning software from Light Source, Inc. With Ofoto, you can either choose the Autoscan feature and scan images with a single click of the mouse—Autoscan takes care of the

rest—or you can control each aspect of the scanning process.

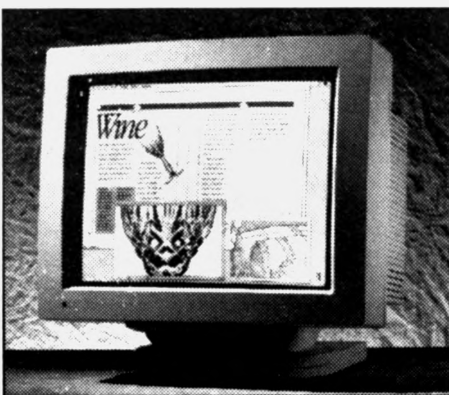
Apple's unique built-in Balloon Help™ facility makes it easy to learn about Apple OneScanner as you work; to find out about a OneScanner feature, simply point to it on the screen.

Apple OneScanner also comes with powerful scaling tools that let you choose the exact size of your image, and you can even rotate and manipulate images with no loss of quality. You'll especially appreciate the outstanding image quality you get from OneScanner through any printer—from the desktop Apple StyleWriter™ printer to professional imagesetters. With its innovative adaptive calibration technology, OneScanner delivers the best possible image that each printer is capable of generating.

21" Color Display \$3,149

The Apple® Macintosh® 21" Color Display sets a new standard in quality for large-screen color displays. It lets users of Macintosh personal computers work with two full pages of text and graphics in brilliant color.

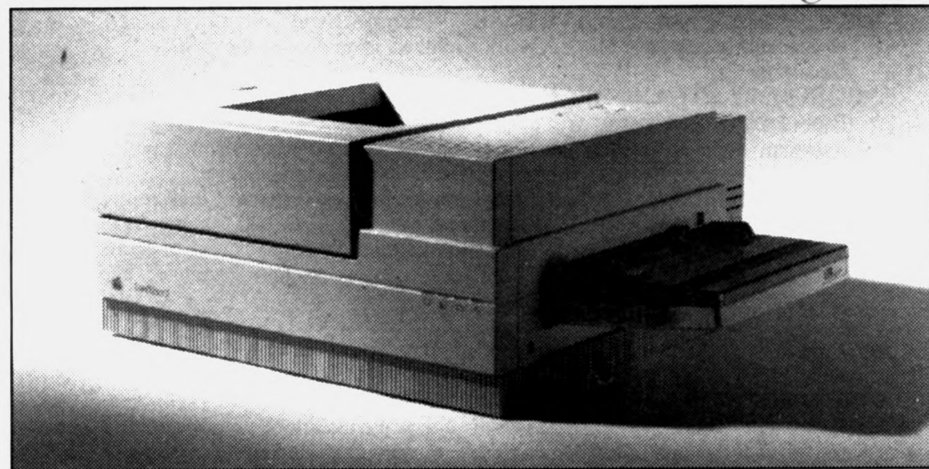
The Macintosh 21" Color Display is ideal if you need a high-performance, large-screen color display for presentations, page layouts, engineering design, or video applications. Its 21-inch screen provides more than three times the screen area of standard displays to give you more room to work—and to increase your productivity. The Macintosh 21" Color Display produces clear, distinct images—even in finely detailed



drawings—thanks to sharp focus across the entire screen area. It also features high levels of brightness and contrast, and pure, brilliant colors.

(Available January 1992)

LaserWriter IIx \$2,464 LaserWriter IIg \$3,149



For those who want high-performance laser printing at extremely attractive prices, the Apple® LaserWriter™ IIx and LaserWriter™ IIg combine both in rugged, expandable printers that are ideal for demanding work group environments.

You can expect consistently superior printed results from the LaserWriter IIx and IIg, thanks to Apple's proprietary FinePrint™ technology that smooths the jagged edges characteristic of many laser-printed documents. And later on, if you want to print documents that include very high-quality scanned images and graphics, you can easily upgrade the LaserWriter IIx to match the IIg's revolutionary PhotoGrade™ capabilities by simply increasing RAM to 5 megabytes. PhotoGrade allows you to print images with more than 65 levels of gray—over seven times the number of grays that ordinary 300 dpi laser printers are capable of generating.

To serve the needs of a work group, these LaserWriters come with built-in LocalTalk™ networking capabilities that offer plug-and-play simplicity when you connect to an AppleTalk™ network system. For maximum flexibility, these printers also are designed so you can simultaneously connect multiple kinds of networks and computers. There's no need to manually reconfigure the printer to receive data through a particular port.

With the LaserWriter IIx and IIg, you'll also see documents print faster—up to two times faster than with the LaserWriter IIx—because they incorporate a high-speed controller and Adobe's PostScript™ Level 2 software. This newest generation of the PostScript language improves printing speed, adds new capabilities, and is fully compatible with existing applications and drivers.

The Apple Computer Loan is now available. Stop by the Computer Spectrum for more information on how Apple has made Macintosh even more affordable.

See the new Macintosh computers in Brady Commons, Friday November 1 from 9 a.m. to 4 p.m.



Macintosh
The power to
be your best.

**COMPUTER
SPECTRUM**

T. A. Brady Commons, University of Missouri, (314) 882-2131

© 1991 Apple Computer, Inc. Apple, the Apple logo, and Macintosh are registered trademarks of Apple Computer, Inc. The power to be your best is a trademark of Apple Computer, Inc. MS-DOS is a registered trademark of Microsoft Corporation.

MIZZOU
WEEKLY

Publications and Alumni Communication
1100 University Place
Columbia, MO 65211

University Libraries
University of Missouri

Digitization Information Page

Local identifier MizzouWeekly(print)

Source information

Format Newspaper
Content type Text with images
Source ID Duplicate copies University Archives weeded out
Notes

Capture information

Date captured July-December, 2022
Scanner manufacturer Plustek OpticBook
Scanner model A300 Plus
Scanning system software Book Pavilion
Optical resolution 600 dpi
Color settings 8 bit grayscale for majority of pages;
 24 bit color for color illustrations/portraits/photographs
File types tiff
Notes

Derivatives - Access copy

Compression Tiff: LZW compression
Editing software Adobe Photoshop 2022
Resolution 600 dpi
Color same as captured
File types pdf created from tiffs
Notes Images cropped, straightened, and brightened.