

# MIZZOU

W E E K L Y

University of Missouri-Columbia / April 16, 1991

## ON THE INSIDE

**Page 2** A Missouri House version of a tax-increase package for higher education raises the ante on a plan passed earlier by the Senate.

**Page 5** The last precast panel is put into place at the Turner Avenue garage, scheduled to open this summer.

**Page 6** Ten MU faculty members each receive \$10,000 as 1991 winners of the William T. Kemper Fellowships.

## Setting priorities

*Doctoral education, libraries, planning efforts among goals of Provost Gerald Brouder.*

In the near future, MU faculty members will receive information on proposed general education requirements, and will be asked to approve the plan. Funding details will be explained in a cover letter signed by Allen Hahn, chairman of the Faculty Council, and Provost Gerald Brouder.

The significance of this last fact should not be overlooked. In the past, separate cover letters most likely would have gone out from the provost and the Faculty Council chairman. But it was Brouder's idea to issue a joint letter, and it's a clue to his management style.

"One of my goals is to mitigate this 'we-they' issue in terms of the relationship between faculty and the administration," says Brouder, who was appointed provost March 25. "We all

have the best interests of the institution at heart, and faculty and the administration alike have placed a priority on general education. So why not a joint letter? Why divide the efforts?"

Brouder was named to the University's top academic post after serving a dual role as deputy chancellor and interim provost since August. He has been at Mizzou 14 years. "He knows MU, and all of us respect him highly," said Chancellor Haskell Monroe in announcing the appointment.

The new provost has a number of priorities, including improving the faculty-administration relationship. But he insists that his goals for the University are in no particular order. "I consider them equally important, and various ones will take precedence at different times," he adds. They are:

■ **enhancing doctoral education.** "This is a uniqueness for us in the state," he says. "In many, many disciplines, we are the only public university in Missouri that offers a doctoral degree. I'd like to see us increase moderately our number of doctoral students. We don't want to lose the mix between graduate and undergraduate students, but rather, shift it." As of April 1, the number of first-time freshmen admitted for fall 1991 stood at 6,058, compared with 6,788 admitted at this time last year. Meanwhile, graduate applications are up by 300. "This is all a part of our enrollment management plan," Brouder says.

■ **improving computing capabilities.** Brouder notes that 1990 was an important year for computing on campus. The University acquired a new mainframe, and money from a new student computing fee is being used to buy computers and set up additional labs. "We want to continue that trend," he says. "We're in the process of wiring Ellis Library so you can bring in your computer, plug it into an outlet and do your

work right there. We need to increase computer access for our students."

■ **continuing MU's planning efforts.** Brouder was chairman of the 16-member committee that recently published the long-range plan, "MU in the '90s: Goals and Objectives for Planning, Budgeting and Evaluation." The plan was the result of months of work, including two public hearings and suggestions from all segments of the University community. Brouder says those efforts will continue through the formation of two new committees: the MU planning council, composed of vice chancellors, students and faculty members, and the academic planning committee, made up primarily of faculty. "Plans will start at the divisional level, move up through the academic planning committee, then the planning council, then go on to the chancellor," he says. "This new, bottom-up approach gives all faculty and staff the chance to participate in the planning process."

■ **enhancing library resources.** "The library is the heart of the University," Brouder says. "It affects everyone, in all disciplines. We simply must increase our resources in this area."

■ **securing additional funding.** Brouder knows his primary role is not as a lobbyist. "But I will take whatever steps are appropriate for me to obtain additional funds for MU — if for no reason other than to improve faculty salaries. Unless we can retain and recruit top-notch faculty members, our quality will slip."

Brouder has been attending Faculty Council meetings for the past several months, and says he will continue to do so. "I go as a visitor," he says, "not to become popular, but to make myself available as a resource if needed."

## Of sound MIND

*New student group encouraging greater minority involvement in organizations, activities on campus.*

A new student organization is working to increase minority involvement in general activities, concerns and groups on campus. And faculty and staff are lending a hand.

The organization is Minorities Involved in Negotiating Decisions, and it is the idea of junior Julius Crouch, MIND president, and sophomore Tamara Zellars. From his involvement as a Missouri Students Association senator, Crouch says he noticed a lack of significant black representation in decisions made by the student government in addressing racial issues. Encouraging greater minority involvement in MSA, especially on committees and in the MSA Senate, is MIND's original goal.

Aretha Jones, coordinator of student services in the Office of Student Development,

is MIND's adviser. "Through its strong leadership, MIND will emerge to benefit all members of the campus," she says.

Since it was officially recognized in October, MIND has broadened its focus. Vice President Kim Rogers says the 22-member group also wants to become involved in the recruitment and retention of under-represented students, faculty and staff; help under-represented students fill vacant MSA positions; maintain working relationships with minority faculty; and create and maintain a liaison with minority organizations.

"They have some exciting ideas," says KC Morrison, vice provost for minority affairs and faculty development. "They are working from the admirable premise that the more we can involve under-represented

groups in the decision-making process, the more we can improve the campus climate." Morrison says the group has sought his help, and also is seeking advice from faculty and staff.

Crouch, an electrical and computer engineering major from Spanish Lake, Mo., is not only an MSA senator but a member of the student issues committee and the Legion of Black Collegians, and vice president of MU's chapter of the National Society of Engineers. Rogers, a journalism major from St. Louis, is publicity director for Student Government Services, a member of the Multicultural Journalism Association, the Student Organization for Service, the NAACP, LBC and Students Against Multiple Sclerosis.

In terms of mainstream involvement, Crouch and Rogers represent some of the things MIND wants to accomplish. Crouch was on the provost search committee, and Rogers recently joined the MU Alumni Association Student Board.

"Giving MIND members a role in the nominating process across campus, for instance, gives them more of a sense of ownership in the University," Jones says. "Many minorities didn't feel that they were a part of the mainstream campus. These views are beginning to diminish. A lot of minority students are now feeling a part of the campus because of increased recruitment and retention efforts."

"I believe," Crouch says, "that if black students can get involved, they would have the opportunity to create the kind of campus environment in which they would rather live — without racism, with more awareness and more cooperation."

For Rogers, the multiculturalism that minority involvement can engender has value beyond the campus. "You not only come to college for a book education, but for a cultural education," she says. "If you have a cultural education when you get out into the work force and have to deal with people of different backgrounds, you'll have an advantage."

MIND officers Kim Rogers, left, and Julius Crouch, right, discuss plans with adviser Aretha Jones.



Rob Hill photo

## FESTIVAL CELEBRATES EARTH DAY

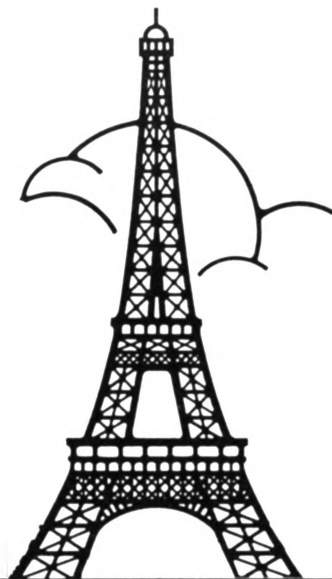
Peace Park will be the site of the Peace on Earth Festival, scheduled from noon to 10 p.m. April 21 in celebration of Earth Day.

Music, speakers, booths, displays and games will be featured, and many activities are geared toward children and families. You're invited to bring a picnic lunch or dinner and spend the day in the park.

## YOUR COMMENTS ARE NEEDED

If you've had experience with MU's faculty/academic grievance procedures and want to offer suggestions, the Center for the Study of Dispute Resolutions wants to hear them.

At the request of Vice Provost KC Morrison, the center is studying the procedures with a view toward recommending improvements. "We would appreciate receiving information and opinions from past grievants, past hearing panel members or past hearing committee members," says Deborah Doxsee, assistant director of the center, which is a part of the School of Law. All information will be handled confidentially. With comments, contact Doxsee at 882-2020.



## THEY NEED A PLACE TO STAY

Faculty and staff interested in serving as host families for French students will have that chance this summer.

The Leisure and Educational Culture program in Columbia, a non-profit group, is looking for families that would like to keep a French student in their homes for one month, either July or August. The students speak English and range in age from 13 to 19. To sign up, call Terrie Nage| at 445-9912.

## PHONE FEATURES TO BE EXPLAINED

The Office of Telecommunications again is offering a seminar that has proved popular with faculty and staff. "We try to teach you everything you ever wanted to know about MU's telephone system," says Terry Robb, assistant manager for customer services.

The free, two-hour Telecommunications Features Course will be offered at 1:30 p.m. April 23, May 21 and June 18. All sessions will be in 5 Telecommunications Building. To register, call Crystal Robinson at 882-5800.

# House speaker wants larger tax increase

Bob Griffin, speaker of the Missouri House of Representatives, has upped the ante on a proposed tax increase plan that would raise more money for education needs across the state.

The House Budget Committee spent the evening of April 10 considering a \$456 million tax increase package for education that was passed by the Senate last month. During the hearing, Griffin, D-Cameron, proposed a substitute version of the bill that would increase the package to \$671 million. His substitute would allocate \$297.5 million in new money for higher education, a total of \$348.8 million for elementary and secondary education, and \$25 million for job development and training.

And the House leader said he was "100

percent for the reforms" of higher education that the Senate version of the bill required. "I don't want a lack of reform to be an excuse for not supporting the proposal," he said. "I think the perception out there among the people is that reform is necessary."

involving more interest groups from around the state, his substitute bill would build more support for education funding if the issue goes to a statewide ballot in November.

But Griffin also cautioned the budget committee that "obviously there is a point where the boat gets so heavy it won't float any more." And he stressed that wide support would be needed to get any tax plan passed. "If the governor is opposed to it, it will not pass," he said.

Griffin's proposal drew some hot questioning from legislators on the budget panel. Several lawmakers said that some state programs that desperately need more money had been left out. Others, like Rep. Ken Jacob, D-Columbia, worried that Griffin's plan was too ambitious.

"I would caution us all to narrow our thinking a little bit and stay focused on trying to get something done, instead of solving all the problems of the world," Jacob said.

Business groups had yet another point of view. Jo Frappier, president of the Missouri Chamber of Commerce, told the committee that his organization "had a problem" with the size of the \$456 million Senate version of the bill. "Now we have a real problem," he added. Frappier and Curt Long, of Associated Industries of Missouri, offered the budget committee another tax plan that would limit a tax increase to \$278 million, with 38 percent of the money going to higher education and 62 percent for elementary and secondary schools.

"This is a proposal the business community can support," Long said.

*'There is a point where the boat gets so heavy it won't float any more.'*

— House Speaker Bob Griffin

Griffin's plan drops the 3/8-cent sales tax increase that was in the Senate version sponsored by Sen. Jim Mathewson, D-Sedalia and president pro tem. His substitute relies instead on corporate and individual income taxes.

"I'm not recommending a sales tax increase, because it is a regressive tax," Griffin said, adding that he wanted to "save the availability of an increase in the sales tax for short-term ventures" and for emergencies.

Griffin also suggested that the committee look at another nearly \$320 million in tax hikes for social services, crime prevention, mental health and environmental programs that have been recommended by a group of task forces he appointed recently.

"I think this committee is entitled to look at the broad picture and reject any and all of it that you want," he said.

Griffin noted that the \$456 million Senate version of the bill already would be the largest tax increase in the state's history. "If it goes up a little more, it's still the largest in history," he said. And the House leader added that by

## Mathewson promotes tax measure

Using poker terms, Sen. James Mathewson, president pro tem of the Senate, said Bob Griffin "checked and raised" to \$671 million Senate Bill 353, the Economic Survival Act of 1991. See accompanying story.

That's OK with Mathewson. "It's positive because the focus is still on education," the Democrat from Sedalia, Mo., told members of MU's Development Council April 12.

Although he thinks Griffin's figure is too high to pass with voters, the good thing is that "they're looking at it (the bill). They're not thinking about killing it. We're moving ahead with the concerns of education in this state."

Mathewson's concerns include a 27 percent high-school dropout rate and an 11 percent illiteracy rate. When corporations seek new locations, they're not impressed with Missouri's workforce that's 60 percent undereducated or the state's low taxes, he said. "It takes a profit to have to pay taxes. Employers tell me, 'I can't compete if I don't have a solid educated workforce.'"

Mathewson quoted Henry Bloch, president of H&R Block Inc.: "If low taxes is all that matters, we'd have every company in the country here."

# MIZZOU WEEKLY

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## CHEST PAIN?

Have you been diagnosed with coronary artery disease? Do you have attacks of chest pain, heart palpitations, shortness of breath, dizziness, numbness or tingling?

### The University of Missouri-Columbia

is looking for volunteers to participate in a study evaluating the effectiveness of new medications for chest pain and anxiety attacks in persons with a history of coronary artery disease. There is no charge for treatment.

**For more information, call (314) 882-2511.**

Ask for Melanie or Kathy.

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

### Speakers Needed:

Concerned individuals are needed who are willing to assist us by volunteering to be on our "speakers' list." This means you would be available to present a program on substance abuse or related topics such as coping skills or stress management to campus groups.

If you would like to be included in this worthwhile endeavor or need more information, contact Ron Schmidt at 205 Brady Commons or (314)882-4634.

Thanks for helping us help others.

...just a friendly word from Project A.D.A.P.T.

**RECEPTION SET FOR AUTHORS**

A book signing and reception will be held this week to celebrate the publication of three new books by Mizzou faculty. And you're invited. The event will be from 7 to 9 p.m. April 18 in N214 Memorial Union. The books are *Do You Believe in Cabeza de Vaca?: Stories*, by Gladys Swan, associate professor of English; *The Best of THE MISSOURI REVIEW: Fiction 1978-1990*, edited by Speer Morgan, professor of English; Greg Michalson, managing editor; and Jo Sapp, associate editor; and *Dorothy Thompson and Rose Wilder Lane: Forty Years of Friendship*, edited by William Holtz, professor of English.

The University Bookstore and the University of Missouri Press are hosts for the reception. Books will be available for purchase, and refreshments will be served.



**BRING YOUR KIDS TO CAMP**

Recreation/Intramurals will have its second annual recreational sports and leisure activities camp this summer for children of MU faculty, staff and students.

"We offer a variety of fun, non-competitive sports and activities, including arts and crafts," says Curt Handel, adviser in the department. "We want to appeal to all interests." The daytime camp, open to children between 7 and 12, drew about 125 participants last year. "We considered it a big success, and hope for a similar turnout this year," Handel says.

Three sessions will be offered: June 10 through 21; June 24 through July 5; and July 8 through 18. The cost is \$125 for the first

session and \$110 for the second and third. With questions or to sign up, call 882-2066.

**THE GATEWAY TO YOUR FUTURE**

Personnel Services/Affirmative Action will present "Gateway," a guide to the employment process at MU, from 12:15 to 1 p.m. April 24 in 146 Heinkel Building.

The seminar is designed for those seeking job transfers or promotions, and covers vacancy information, the application process and other matters. To register, call 882-7976.



**Business Week events set**

A number of events will mark Business Week this week. Activities are sponsored by the College of Business and Public Administration Student Council.

"Business Week serves as a week-long celebration for the college, and we hope to provide an opportunity for interaction between our students, faculty, staff and alumni," says Wendy Winkelman, a senior from Cameron, Mo., and vice president of the student council.

Elections will be held April 17 for Faculty Member of the Year and Administrator of

the Year, as well as for Marketing Professor of the Year. Voting will be in the lobby of Middlebush Hall. Also that day, a faculty-staff luncheon will be from 11 a.m.-1 p.m. in the student lounge, 134 Middlebush.

On April 18, Beta Alpha Psi will have a reception for accounting faculty from 8 to 9 a.m. in 312 Middlebush. Coffee and donuts will be served. At 6 p.m. April 18, the B&PA honors banquet will be held at the Holiday Inn Executive Center, I-70 and Stadium Boulevard. Attendance is by invitation only. With questions, call 882-4562.



The MU Black History Month contest winners for 1991 are, from left, Jamaine Shipley, a graduate student in education, grand prize; Judi Dawson, secretary in Black Studies, first prize; Brenda Smith, a graduate student in Spanish, second prize; and Rosalyn D. Alli, a graduate student in business administration, third prize. Contest participants were asked to identify famous blacks in a poster on display at Ellis Library. Prizes were donated by Vice Provost KC Morrison, Campus Dining Services, the Cornerstone Cafe, the Missouri Bookstore, McDonald's on campus and Dillard's.

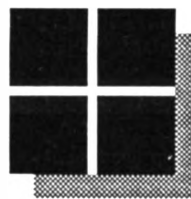
**LABORATORY FOR FERTILITY AND CRYOBIOLOGY**

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**

**Semen Donors Wanted**



**Join Campus Computing for an afternoon by the Windows.**

Join campus Microsoft Representative Chris Bertelson to discuss Windows 3.0, an innovative graphics-based software that allows you to use multiple applications at a time.

**April 24, 4:00 - 5:00 pm  
Memorial Union S207**

Word processing—Demonstrated will be the capability of Windows to put graphics into your documents, create compound documents, dynamically link data from other spreadsheet programs, use different font sizes, and more.

Open to all faculty, staff, graduate and undergraduate students. No registration required. For more information, call Anne Waters at 882-2000.

*Campus Computing*

**Salute!**

Mizzou Weekly is compiling a mailing list of those who served in the Persian Gulf. Please send us information on people you know who have served.

He/She is  faculty  staff  student  alumni

Name \_\_\_\_\_

Department \_\_\_\_\_

Title \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_

Submitted by \_\_\_\_\_

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Return via campus mail to *Mizzou Weekly*, 1100 University Place. Please use one form per person.

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**Publication deadlines:**  
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April 26 for May 7 issue

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# Don't bag those lawn clippings!

A campaign urging homeowners to stop bagging their grass clippings is fast gaining momentum in Missouri, as residents gear up to comply with a state law that will ban yard wastes from landfills by the end of the year.

"Everywhere you go, people are building compost bins for their leaves and planning to let the grass clippings just filter into the lawn," says Barbara Fick, MU extension horticulture specialist.

"They're really getting into the spirit of this campaign, because it's an easy way to have a nice-looking lawn while saving wear and tear on our environment."

Fick's main message about lawns: "Mow it tall — let it fall."

"Set your mower at a tall setting so clippings easily fall out of sight and into the lawn," she says. "For cool season grasses, like Kentucky bluegrass or turf-type tall fescue, set your mower at 2 1/2 to 3 1/2 inches. For warm season grasses, like zoysia and Bermuda grass, use a setting of 1 1/2 to 2 1/2 inches.

"Mow frequently so you remove no more than one-third of the total plant height."

Some homeowners are buying mulching lawn mowers that chop grass, leaves and other lawn debris into fine bits. "Those are nice and probably a good investment if you have to buy a new lawn mower," she says.

"But you can get by with the old mower if you just follow the mow-tall, mow-often scheme."

David Minner, MU extension turf specialist, says mowing lawns is easier when you don't bag the clippings, "and it's a bargain when you figure what you can save on fertilizer, plastic bags, and what the community can save on waste handling."

Extension specialists are anxious to provide details of the "don't bag it" approach to lawn care. The University is offering educational options ranging from meetings and demonstration lawns to a yard-waste recycling kit that includes a packet of MU guides. For more information, contact Fick at 882-7511.

## FOR THE RECORD

**OOPS:** The name of Barbara Kelly, unit attendant in the Short Stay Center at University Hospital and Clinics, inadvertently was omitted from a list of MU employees honored for 35 years of service to the University. The names were published in the April 2 *Mizzou Weekly*.

# MISSOURI ALUMNUS

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Closing is April 26;  
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**Readers statewide** 135,442  
**Readers nationwide** 215,580  
St. Louis 43,646  
Kansas City 26,478  
Columbia/mid-Missouri 25,018

**Affluent readers**  
60% have household incomes of more than \$50,000

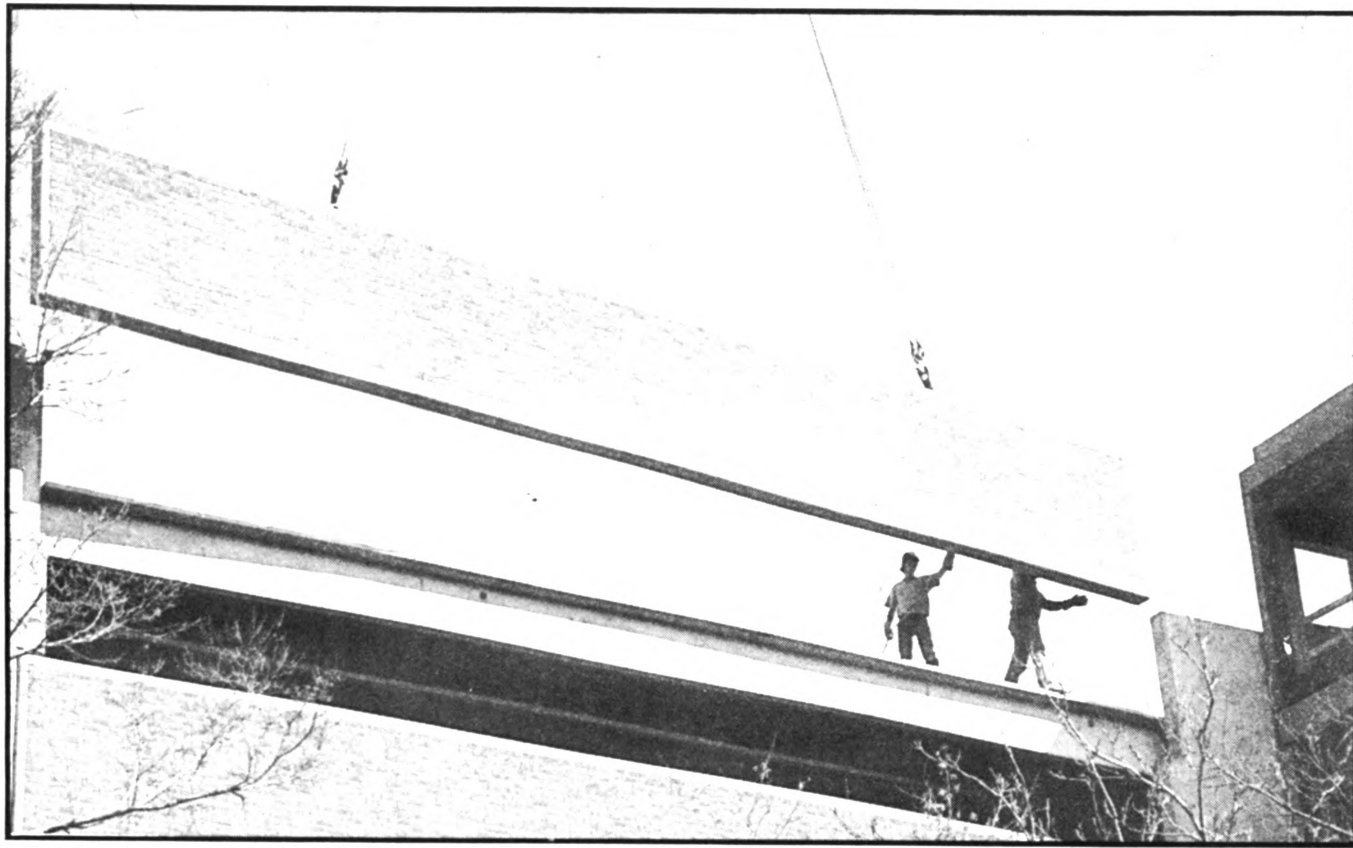
**Mobile Missourians in the past 12 months**  
74% visited Columbia  
46% vacationed at the Lake of the Ozarks  
46% vacationed in St. Louis  
29% vacationed in the Springfield/Branson area  
33% vacationed in Kansas City

**Involved readers**  
94% of those surveyed read the *Missouri Alumnus*  
91% keep back issues



Roger Mitchell, far left, dean of agriculture, food and natural resources, stands with winners of the college's outstanding teaching awards for 1990-91. They are, from left, Warren Zahler, associate professor of biochemistry; Michael Monson, assistant professor of agricultural economics; and Steve Matthews, professor of agricultural economics. The three received their awards during the second annual Agricultural Teaching Celebration.

Nick Wernlecki photo



Rob Hill photo

Construction workers guide the last of 1,147 precast concrete panels into place atop the Turner Avenue parking garage on April 5. The garage is scheduled to be open this summer.

## Garage walls set firmly in place

There wasn't much of a crowd around to watch, but early this month the big construction crane hoisted one last brick and concrete section up to the top story of MU's new Turner Avenue garage and eased it into place.

And Jim Joy, director of Parking and Transportation Services, says he's already fielding questions about when work will start on the next parking garage.

Construction is far from over on the 1,300-space garage southwest of Jesse Hall, but the

work is right on schedule. There's still plenty to do before the scheduled opening in August. Workers are laying mats of steel mesh on the floors of the garage, then pouring a three-inch layer of concrete over the pre-cast floor sections.

Members of the campus community whose parking spots were displaced by the garage construction will have first crack at spaces in the new garage, parking officials say.

"When we shut down the parking lot (WG5) on the present construction site, we began a waiting list for the Turner Avenue garage," says Carol McAllister, office manager for Parking and Transportation Services. "People who parked in WG5 were automatically put on the waiting list."

So far, McAllister says, nearly 400 people are on the list. She adds that anyone who wants to be considered for a parking assignment in the garage should fill out a card available from the parking office, 107 Swallow Hall. Those requests are not being taken over the telephone.

## ELECTRONIC INSTRUMENT LAB

#17 Physics Bldg.  
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## "My life has been made much much easier by the Macintosh."

"Almost all the composing I do now is with the Macintosh. I used to use India ink and velum when creating scores and even though I'm very meticulous, the results weren't as good as I can get now from a LaserWriter. If I made a single mistake, I might end up redoing the entire page because there really was no satisfactory way to make corrections. For editing of scores, the Macintosh makes things so much easier. I could print these on a high resolution printer and they would be of publication quality."

"I use Encore by Passport for composing and it does something I could never do before. I can play the composition to hear what it sounds like. With compositions for large ensembles, there isn't any way in the world I can play them sitting down at a piano. I only have ten fingers. Now, I can assign each one of these staves to a MIDI channel and play the whole thing back in my MIDI setup at home. I can hear the entire

composition at the right tempo and if something isn't right I can go back and change it."

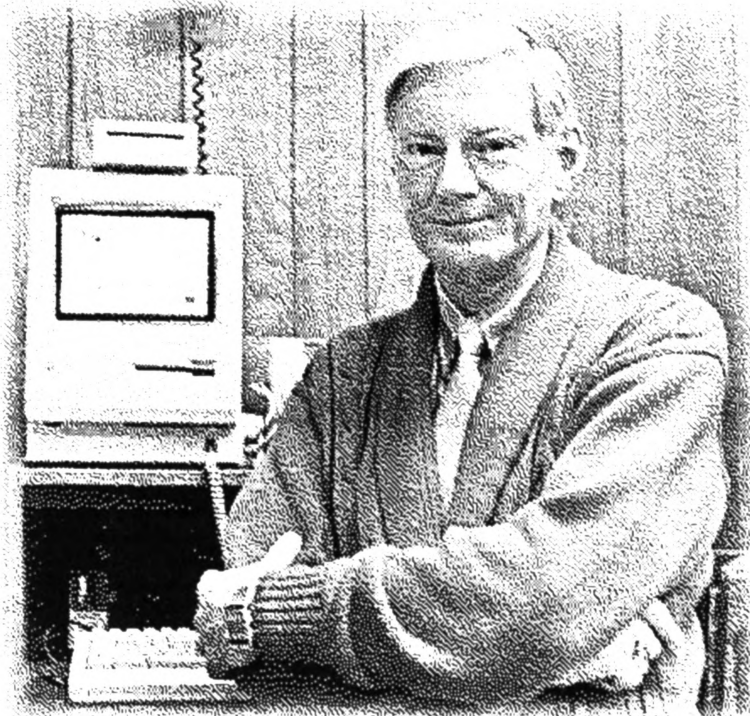
"It would be very difficult for me to get along without this type of technology now."

"My colleagues are beginning to adopt the Macintosh in their work. To see traditional artists begin to use this new technology is really exciting."

"I'm a real Macintosh fan, it's the computer I recommend. It's because of the graphic interface, ease of use and yet having a lot of power that make it a really neat, neat instrument to use."

"This year I've taken all the assignments for my large theory class and put them on the Macintosh. The response from students has been overwhelmingly positive. Before, it was all done by hand. The value for me as a teacher is that once I have the basic format on disk, I can go back and modify each assignment for the new year. It took me a while to set up these assignments, but this will save me time in future years."

Thomas McKenny  
Professor of Music Theory & Composition  
Electronic Music Studio Director



COMPUTER SPECTRUM



Why do people love Macintosh?  
Ask them.

# MASTER TEACHERS

These faculty members receive \$10,000. The winners...



**Jean M. Allman**  
*Assistant professor of history*

Since coming to MU in 1986, Jean Allman has had one goal: to make her students responsible for their own learning. "The only way people retain anything is if you let them take an active part in their own learning process," she says.

As MU's only Africanist, Allman has devoted much of her time to building an African history curriculum. She has developed four classes, and continues to enhance them with information from her research. She will travel to Africa next year to gather more information on her current project: motherhood among the Asante in Ghana. In return, she says, students contribute to her research by helping her look at the material in a new way.

Allman challenges her students to examine the world with a critical eye. But whether that entails making writing-intensive assignments that allow students to role play or encouraging debates on hot topics, she tries to get her students to think for themselves. "Nothing is as it seems to be," she says. "If the students leave here capable of asking tough questions, then I've done my job."



**Wayne Anderson**  
*Professor of psychology*

If you're going to teach therapy, says Wayne Anderson, then do therapy. "A lot of my time goes into supervising therapy, seeing clients, consulting on the campus," says Anderson, who also has an appointment as a psychologist at MU's Counseling Services. "But on the other hand, I'm training top-level psychologists. They need to know that I can do what I'm training them to do."

Although known across campus for his undergraduate course on human sexuality, Anderson spends most of his time developing graduate students into practicing psychologists, therapists and researchers.

Anderson, who has been honing his skills at MU for 27 years, incorporates much of his research and experiences as a therapist into his courses. Currently he is making a video of his work with clients to share with students. But he also has written four books and 75 articles that have provided valuable teaching material for his classes.

Anderson doesn't dare stop practicing what he preaches. "My students aren't that many steps behind me. If I stop seeing clients or going to workshops, they're going to catch up with me."



**Douglas Grouws**  
*Professor of curriculum and instruction*

As one of the leading researchers, writers and scholars in the field of mathematics education, Douglas Grouws believes that the essence of good teaching is getting students to think. Sometimes that requires a lecture, sometimes it calls for small-group projects and sometimes it means arming students with cameras and sending them out to capture and report on mathematics in the real world.

"If the subject is about how our geometry is founded in nature, it makes a lot more sense to go out and walk around," he says. "I think it's a better learning experience. Besides, it's more fun."

Grouws, a native Minnesotan, has been teaching prospective teachers for 20 years, stretching his impact far beyond the campus. He has participated in teacher enhancement programs worldwide, worked on new methods of teaching high-school algebra, and has co-written two research-oriented books. In addition, Grouws has another appointment in the Center for Research in Social Behavior at MU, where he studies education in the classroom.

But his greatest impact, students say, is on people he may never meet, says a teacher and former student in nominating Grouws. "The numerous children that I have come in contact with over the years also have a part of Dr. Grouws' compassion and knowledge, through my teachings."



**Richard Hardy**  
*Associate professor of political science*

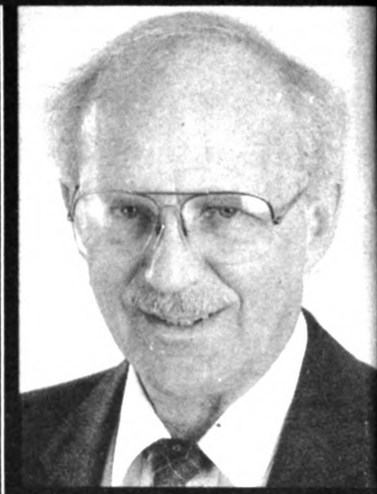
Richard Hardy rarely stands still in a classroom, will not avoid eye contact and never uses lectures notes — they bore the students, he claims.

Instead, he may involve 1,600 students in organizing a mock political convention, or have students simulate a state legislature. Or, he simply may have a substitute teacher that day — such as a U.S. vice president or a Missouri lieutenant governor.

"Students often come into the class thinking of politics as dirty," he says. "But what I try to convey to them is that politics is really the civilized way to handle problems. We can fight it out in a street brawl or we can compromise. It is the art of the possible."

As a former high-school teacher, Hardy knows that political education shouldn't start in college. In the last two years, he has coordinated 25 workshops for high-school social studies teachers and, in 1988, published a high-school government textbook in use across the United States.

But whether his classroom holds college students or high-school teachers, Hardy says he is careful about how he presents the material. "We have to realize that we're in a diverse society. You need to present both sides. I put that in my syllabus, and I try to follow it."



**Ed Kaiser**  
*Professor of chemistry*

In 1956, a young man walked on to the campus of Youngstown State University in Ohio, unsure whether he wanted to major in biology or chemistry. But a chemistry teacher made such an impression that the student, Ed Kaiser, would be hooked on the discipline forever.

"I have experienced what individuals can do," says Kaiser, director of the Honors College. "I know you don't persuade every student in your class to become a chemistry major, but you can influence them to achieve their goals."

With 75 courses this fall and more than 2,000 students enrolled, Kaiser has brought the Honors College's stats to an all-time high. In addition, he finds time to voluntarily teach an upperlevel chemistry course.

But the call to teach is so strong that he's decided to return to it full time. This summer he is stepping down as director of the college and, after a year's sabbatical, will take on three freshman chemistry courses.

"Freshmen are great," he says. "They come in with their eyes stary. It's a new experience for them."

"I really think that you can have an effect with where these kids go, not because of your own interest, but because of your enthusiasm."

Faculty members are winners of the 1991 William T. Kemper Fellowships for Teaching Excellence. They each receive \$1,000 from the Kemper Foundation, which will reward 10 MU teachers each year for the next four years. The winners were recognized at the faculty awards ceremony April 15 and will be guests at a banquet later this week.



**Ron Morrow**  
*Professor of animal sciences*

Ron Morrow has a philosophic outlook toward teaching: Those that can, teach; those that can't, do less significant work. "It certainly isn't original," says Morrow, "but I'll claim it." And claim it he does. Morrow team-teaches two introductory animal science courses each semester, but his teaching doesn't stop at the end of the lecture. In addition to teaching laboratory sections and grading examinations, Morrow serves as national president of the Block and Bridle Club, and organizer of the Animal Science Academic Quadrathlon, an academic contest for animal science majors. "It's a lot of work," he says. "The club alone takes about 25 percent of my time. But the students get so much out of it." Morrow frequently accompanies 20 or more students to national or regional conventions, where they may tour one of the largest ranches in the country or compete in a quiz bowl with students from other colleges and universities. He doesn't believe that learning has to be stressful, even when his students are facing tough competition in a contest. "We have this attitude: Let's compete, but let's have fun," he says. "If we win, that's great. If we don't, we don't worry about it."



**Ezio Moscatelli**  
*Associate professor of biochemistry*

One of the great rewards of teaching comes through two-way communication, says Ezio Moscatelli. Taking time to listen, he adds, is as important as speaking. "After all, everything I know comes from my students." Since fall, Moscatelli has been the director of the medical biochemistry course — a class he has taught for more than 10 years. Encouraging students to participate in the class isn't possible unless the teacher is willing to listen and the student is interested enough to learn. "You're trying to sell the material, so you need to use your personality and everything you know." One method Moscatelli uses is what the students refer to as "painting the big picture." "In order to learn something well, the students need to know why they are learning it," he says. "That includes what the information is good for, where it fits, and how they can use it. Once they know this, they get excited. Then you've got 'em." For students who have trouble catching on, Moscatelli is developing a self-help computer program. In addition, he offers weekly help sessions and puts time aside for students who need extra attention. "Anyone can present material in a lecture form," he says. "Teaching goes beyond that. It is a process that uses every means to get the students' hearts and minds involved."



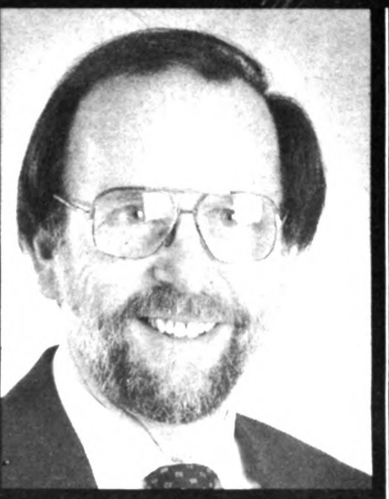
**Mary Jo Muratore**  
*Associate professor of Romance languages*

Mary Jo Muratore knows that French is a tough language to learn. "It's difficult to pronounce; it's difficult to spell. A bad grade in a five-hour class can hurt a student's GPA." That is why Muratore gets even tougher. As director of French I and II, she insists that her teaching assistants follow a rigid plan she had developed. "I have to make sure that each student has the same chance as all the others, regardless of who the TA is." In the eight years since she's been at MU, Muratore has never let a grade go out without reviewing the student's work first. She never uses the same test twice, and she doesn't let students quit coming to class because they're having a hard time — she's been known to hunt them down. "If an F is what they think they are going to get, we think we can save them," she says. Muratore personally runs massive review sessions three times a semester, and also prints review sheets. In addition, she has provided personal tutoring for the student who tries, but has trouble understanding the language. "We never want them to think that they are up against a bureaucracy that doesn't care. We care about every one of them."



**William B. Wagner**  
*Professor of marketing*

Students in William Wagner's marketing, logistics or materials management classes learn to speak up and to question. "I want them to realize that now is the time to learn to think analytically and articulate their positions," he says. "It won't be any easier in the real world." Caring for students before and after graduation is Wagner's hallmark. Bruce Walker, dean of business and public administration, says Wagner has been instrumental in giving a countless number of students a good foundation upon which to build their professional and personal careers. In addition, Wagner's concern for minorities and women is well-recognized. He has developed funding for minority scholarships and has coordinated an effort that has collected more than 30,000 books for schools with high minority enrollments. "If I can help instill students' confidence in their abilities, then I feel that my goal as an educator has been accomplished," he says.



**David Wollersheim**  
*Professor of mechanical and aerospace engineering*

Every year, Dave Wollersheim gives first-year engineering majors the same line. "You need ability, and you need to stay motivated. We can't do much about your ability, but we will keep you motivated." Wollersheim, known as Doc by his students, joined MU's faculty in 1968. His theory on motivating students is simple: Help them get a taste of success. Often that means advising freshmen to take it a bit easy the first semester. "If students can have just one good semester, they come back," he says. "It's confidence that gives them the ability to know they can do it." Wollersheim has enjoyed past successes in research, such as his design of the supersonic wind tunnel, but it's the classroom in which he feels most at home, and it's the introductory fluid mechanics course that he enjoys teaching the most. "It's one of the first classes the students have that's got real practical engineering applications, and I get to teach it," he says. Graduating seniors never forget that first engineering class, nor the man who advised many of them throughout their college years. Wollersheim has been recognized 19 times by seniors with the Outstanding Professor Award for teaching excellence. "Recognition is not his motivation," says a former student in recommending Wollersheim for the Kemper Award, "but it is his due."

# Electronic debater

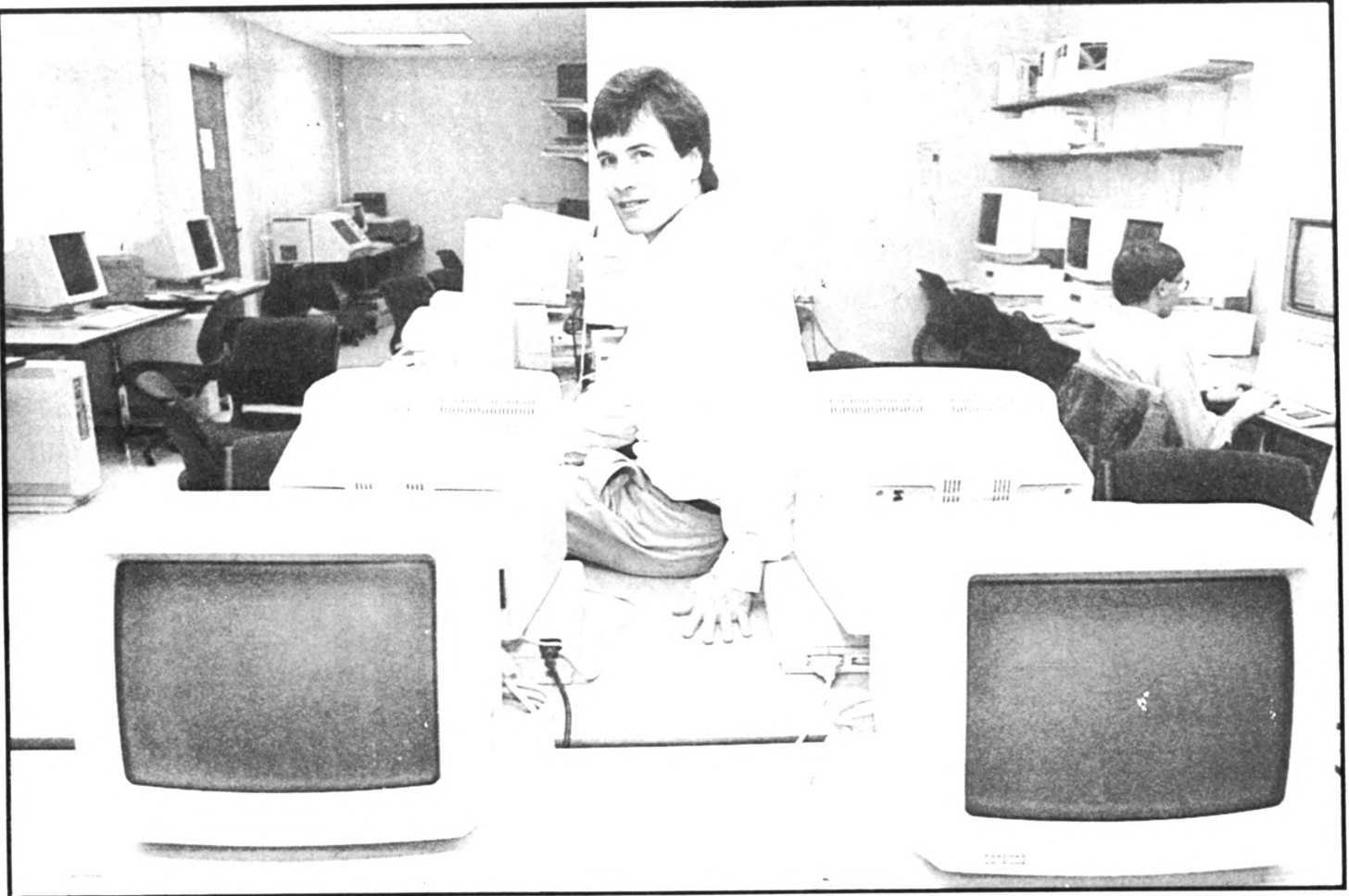
Assistant professor developing software that will test the strength of theories, arguments.

A Mizzou computer science expert is developing computer software that will play "devil's advocate" and process language the way people do.

Gordon Franck, assistant professor of computer science, says the software, when finished, might be used by lawyers, political speechwriters, debaters, commentators or researchers who would type in a summary of their argument or theory. The software would then provide confirming or disconfirming evidence for the theory or argument.

"When completed, the program would work somewhat like a debater who could provide counter arguments based on data that conflict with your theory or argument," Franck says. "That way, for example, the speechwriter or researcher may catch flaws in the logic of his or her argument."

The program's main limitation is that it must be given a domain of prior knowledge and jargon from the professional field in question, Franck says. For example, if the software were to be used by a



Gordon Franck has created a computer program that can catch faulty logic in a theory or presentation.

lawyer, it would need to know terminology in the domain of law and background knowledge about the legal setting. If it were to be used by a political speechwriter, it would need to know about the subject of the speech.

However, Franck says that while the program would be useful to a politician, it is a scientific debater rather than a political one

because it seeks truth rather than rhetorical victory over an opponent.

The software gives a two-way translation between sentences in a natural language such as English and a "logical" computer language that is less ambiguous and allows valid inferences. Franck is about halfway through the project.

The program might also be used as a teaching tool. For instance, it would be good for children learning about some area of science, because they would be learning

logical thought patterns as well.

As of now, the program can make simple inferences dealing with taxonomies. For instance, a series of statements, one of which is illogical, is typed into the computer, such as (1) "No herbivores consume meat," (2) "All bovines are herbivores," (3) "Cows are bovines," and (4) "Some cows eat chicken."

The program answers, "Your last statement is false. Cows are herbivores. If a thing eats chicken, then it consumes meat. No herbivores consume meat."

# VOLUNTEERS

We need volunteers to serve in an MU Department of Psychology research project investigating exercise habits and a variety of psychological factors in elderly adults. You will be asked to complete questionnaires about your exercise habits and several other psychological measures.

Also, there are two brief tasks on an Apple computer.

Please call us if you are interested and:

- are at least 60 years of age, and
- are an active or inactive exerciser.

The questionnaires and computer tasks will require about 90 minutes of your time. We can accommodate several participants at a time, and, therefore, we welcome spouses, friends or colleagues who meet our qualifications. This is the beginning of a long-term project, and we will likely call you again in 1992, 1993 and beyond. We hope to gain important and useful information that could affect exercise programs for senior citizens in the future.

If you wish to volunteer, please call:

- Christopher Manley, MA, at 882-0056, or
- David McDonald, PhD, at 882-2642.

We will arrange an appointment at your convenience.

**THANK YOU**

## MIZZOU PEOPLE

**Patty Gash**, press II, was selected Employee of the Month for January by Printing Services.

**Steven Graham**, assistant professor of higher and adult education and foundations, received the Special Achievement Award for 1990 from the Missouri Adult Community and Continuing Education Association. He and **Julie Hughes**, assistant professor of higher and adult education and foundations, had "Adult Life Roles: A New Approach to Adult Development" accepted for publication in the *Journal of Continuing Higher Education*.

**Dale Guthrie**, instructor in library science, had "Continuing Education: A Rural Assessment" and "An Experience in Re-

source Sharing" published in the October issue of *Illinois Libraries*.

**Norman Gysbers**, professor of educational and counseling psychology, presented "Remolding Your Guidance Program While You Live and Work In It" at the 1990 Colorado School Counselor Association/Colorado Career Development Association Professional Development Workshop in Colorado Springs.

**Stephanie Hanson**, assistant professor of physical medicine and rehabilitation, presented "Multidisciplinary Assessment of Children With Learning Disabilities" at the Society of Behavioral Medicine's 12th annual scientific sessions in March in Washington, D.C.

**Timothy Heinsz**, dean of law, completed the 1990 cumulative update to *Labor Law: Collective Bargaining in a Free Society*, a supplement to a case book. He also completed an accompanying teachers' guide.

## CLASSIFIEDS

### FOR SALE

**MUST SELL:** Solotex, complete set, Aug. 1990, asking \$800. Full-size mattress and spring, new, \$150. 445-6716 evenings.

3,600-SQUARE-FOOT brick home on 19.6 acres within city limits. Four-car garage, 36x52 workshop, 36x60 livestock barn, lake, mobile home and two ponds. 449-4031.

### WANTED

MATURE, MARRIED professional couple desires to housesit in a home in Columbia. Have our own home at the Lake. 443-4955 after 6 p.m. 1-365-3551 weekends.

HOUSE TO RENT: Staff member with family seeks unfurnished, three-

bedroom house to rent in Columbia (preferably near University) starting July 1. Prefer fenced-in backyard. Good references. 875-3071.

NEW MU FACULTY member seeking rental of a two-to-three-bedroom furnished or unfurnished house near campus beginning July 1991. Call Dr. Sharon Welch at (508) 281-1783, or write 876R Washington St., Gloucester, Mass. 01930.

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

### Ads must be typed.

Rates: 30-word maximum \$3.

### Publication deadlines:

April 19 for April 30 issue

April 26 for May 7 issue

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



# Q&A

**Q. What is the University policy in regard to office dress codes? In the office in which I work, we have a dress code forbidding us to wear jeans, sandals or anything resembling a warmup suit to work. The other offices in the building have no such restriction. Can supervisors require a dress code for their employees, even though it has nothing to do with safety requirements?**

A. The University does not have an official dress code policy, says Dorene Novotny, director of Personnel Services and Employee Relations. Some departments dealing with service and maintenance functions provide uniforms and require them to be worn while employees are on duty. In other cases, Personnel Services advises administrators that they may develop dress codes as necessary for their departments. Novotny adds that dress codes should be related to business necessity and should be non-discriminatory. For example, if blue jeans are prohibited, the rule should apply equally to men and women.

She also recommends that dress codes focus on types of dress that are prohibited, rather than prescribing certain forms of dress. For example, a department may prohibit exercise or athletic clothing, bare midriffs, or clothing with visible or significant holes and tears which are not the result of recent accidental damage, Novotny says, adding that this approach would be more appropriate than requiring all staff to wear business suits. Prescribing certain forms of dress may be found to be discriminatory, based on national origin, religion or certain other criteria. Personnel Services encourages departments to use good judgment and common sense in developing and implementing dress codes.

**Q. If, as it now seems, staff and faculty receive no pay raises this year, will the pay raise freeze apply to the administration as well?**

A. "Yes," says Dave Lendt, director of University Relations for the UM System. "Absolutely. From top to bottom. It applies to everybody who works for the University System."

**Q. I'm interested in taking a summer course at MU. Since I'm a staff member, I'd like to use the Educational Assistance Program to help pay for the course. Where can I get the proper forms and how can I be sure I've filled them out correctly? I don't want to delay my registration.**

A. The forms should be available in your department. But if they're not, you can pick one up from Human Resource Development at 130 Heinkel Building. Or call 882-4859 to have one sent through campus mail. Once you get the form, be sure to fill it out completely, says Leo Agnew, a senior secretary in Human Resource Development who processes the forms.

Agnew says typical problems that can delay processing include missing department account code numbers or not having the proper signatures for approval. If you are a member of the teaching or research staff, you must have the signatures of both your department chairman or chairwoman and your dean. Administrative, service and support staff members must have the signature of their department supervisors. If you aren't sure of your position title, check the Personnel Policy Manual in section PE 304, pages 5 to 30.

Since you're interested in a summer course, remember that educational assistance will only cover the cost of up to three hours of course work for the summer semester. Once you have the form completed, bring it by 130 Heinkel or mail it in care of Leo Agnew. With questions, call 882-4859.

By the year 2000, one out of three people will develop cancer in his or her lifetime.

## Let Our Team Of Detectives Take The Mystery Out Of Prostate Cancer.

Prostate cancer is the most common type of cancer found in men, and it can be cured if detected early. That's why the rectal exam for men over 40 is so important. It's the first step in detecting prostate cancer early and should be included in a yearly checkup—even if you don't have symptoms.

Every man should know the symptoms of prostate cancer:

- need to urinate frequently, especially at night
- difficulty starting or holding back urine
- painful urination
- blood in the urine
- recurring pain in the lower back, hips or thighs.

These symptoms also can be caused by benign prostate conditions but they should be checked by a doctor.

*The Detection and Information Center at Ellis Fischel Cancer Center offers the area's most comprehensive range of cancer-detection services. Our staff can help determine your personal risk for cancer and conduct those screenings that meet your individual need. And we take the time to teach you ways to lower your cancer risk. All of this at one location by a team especially trained to detect cancer early.*

*For more information, call 882-2100, ext. 251.*

Left to right:  
Marguerite Harvey, R.N.,  
and Dr. Harold Lankford.



 **Ellis Fischel  
Cancer Center**  
*The Staff for Life*

# 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

**SCHOOL OF FINE ARTS SERIES:** The Department of Theater will present the drama, "Moon on a Rainbow Shawl," at 8 p.m. April 18, 19 and 20 and at 2 p.m. April 21 at the Rhynsburger Theater. Cost: \$5.50 public, \$4.50 faculty/staff/retirees, \$3 students.

**LECTURE:** Pier Maria Pasinetti, author and journalist, will speak on "The Development of Character in Fiction: In Mann, Proust and Pasinetti" at 7 p.m. April 18 at the Museum of Art and Archaeology. A reception will follow.

**BLACK AND GOLD FOOTBALL:** The annual spring intrasquad scrimmage will be at 1:30 p.m. April 20 on Fautrot Field. Cost: \$3 adults, \$2 faculty/staff, children free. Game will be preceded by a free funfest at 11 a.m. on the practice fields southwest of Providence Road and Stadium Boulevard.

**EARTH DAY:** The Peace on Earth Festival, featuring music, booths, workshops and games, will begin at noon April 21 in Peace Park.

## 16 Tuesday

**NURSING CONFERENCE:** A one-day conference on trauma nursing will begin at 7:45 a.m. in the Holiday Inn Executive Center, 2200 I-70 Drive S.W. Cost: \$75. Call 882-0215.

**RETIREES:** The annual retirees luncheon will be at noon at the Hearnes Fieldhouse.

**UNIVERSITY HOSPITAL/CLINICS:** A blood glucose screening will begin at 1 p.m. at the Health Information Center in Columbia Mall. Eat a well-balanced meal two hours before testing.

**BIOLOGICAL SCIENCES SEMINAR:** Wolfgang Baehr, of Baylor Medical College, will present "Targeting Gene Expression to Photoreceptors" at 3:40 p.m. in 18 Tucker Hall.

**CHEMICAL ENGINEERING SEMINAR:** Guan-Hsong Hsu, assistant professor of mathematics, will present "A Local Geometric Projection Method for Noise Reduction in Chaotic Systems" at 3:40 p.m. in 1035 Engineering Complex.

**PHARMACOLOGY SEMINAR:** Harvey Herschman, of the University of California-Los Angeles, will speak on "Primary Response Gene Induction in Response to Growth Factors and Tumor Promoters" at

3:50 p.m. in M558 Medical Sciences Bldg. **STUDENT ENSEMBLE SERIES:** The Concert Chorale, conducted by Brian Home, will perform at 8 p.m. at the First Presbyterian Church, 16 Hitt St.

## 17 Wednesday

**SEMINAR:** The Department of Community Development will present a seminar on fund raising, beginning at 8 a.m. at the Best Western Columbia Inn, 3100 I-70 Drive S.E. Lilya Wagner, of the Fund Raising School in Indianapolis, will conduct the seminar. Cost: \$75. Call 876-5801.

**ORIENTATION:** A seminar for new employees will be from 8:30 a.m.-noon in 146 Heinkel Bldg.

**ART VIDEO:** The video "Art of the Western World: The High Renaissance" will be shown at 12:15 p.m. at the Museum of Art and Archaeology.

**LECTURE:** Margaret Maxey, of the University of Texas-Austin, will present "Environmental Issues and Engineering: What Difference Does Ethics Make?" at 2:40 p.m. in Memorial Union Aud.

**MICROBIOLOGY SEMINAR:** Jay Levy, of the University of California-San Francisco, will speak on "Viral and Host Factors Influencing HIV Infection and Disease" at 3:40 p.m. in M217 Medical Sciences Bldg.

**WOMEN'S CENTER:** Joseph LoPiccolo, Denise DeBarre and Mark Sharpe, sex therapists, and Sherri Chessir, coordinator of Boone Hospital's Sexual Medicine Center, will present "Sexual Dysfunctions and Self-Therapy for Women" at noon in 229 Brady Commons.

**PHYSIOLOGY SEMINAR:** Cynthia Liu, a graduate student, will present "Activation of Multiple Phospholipase Pathways by Endothelin in Rat Aorta" at 2:40 p.m. in M437 Medical Sciences Bldg.

**BIOCHEMISTRY SEMINAR:** L.A. Feigin, of the Academy of Sciences of the U.S.S.R., will present "Small-Angle Scattering Studies of the Formation, Structure and Properties of Langmuir-Blodgett Films" at 4 p.m. in 120 Physics Bldg.

**LECTURE:** Paula Sommers, professor of Romance languages, will speak on "Marguerite Denavane and Louise Labé: Some Strategies for Women Writers in the Renaissance" at 5:30 p.m. in 106 Pickard Hall.

**STUDENT ENSEMBLE SERIES:** Student composers will perform at 7 p.m. in the Whitmore Recital Hall in the Fine Arts Building.

**MSA/GPC FILM:** "Silverado," rated PG-13,

## EXHIBITS

### BINGHAM GALLERY:

Undergraduates will exhibit their works through May 9. Hours: 10 a.m.-4 p.m. Monday through Friday and 2-4 p.m. Sunday. Gallery is in the Fine Arts Building.

### BRADY COMMONS GALLERY:

The International Students Exhibit continues through April 25. The gallery is on the second floor of Brady Commons. Hours: 10 a.m.-5 p.m. Monday through Friday. Also, "Endangered Species in Missouri" will be on display through April 30 on the main floor of Brady Commons.

### ELLIS LIBRARY:

Displays to celebrate Earth Week will be presented through April 30 on the library's main floor concourse. Hours: 7:30 a.m.-midnight Monday through Thursday, 7:30 a.m.-11 p.m. Friday, 9 a.m.-9 p.m. Saturday and noon-midnight Sunday.

### MEMORIAL UNION:

"Missouri Workshop Theater," a display of Department of Theater memorabilia, will be presented in the south wing exhibit case through June. Also, displays to celebrate Earth Week will

will be shown at 8 p.m. in Ellis Aud. Cost: \$1.50, students free.

## 18 Thursday

### EMPLOYEE DEVELOPMENT SEMINAR:

R. Dean Baxter, assistant manager of Human Resource Development, will present "Conflict Management" from 9 a.m.-4 p.m. in 146 Heinkel Bldg. Call 882-4859.

### CAMPUS FACILITIES:

Building coordinators and alternates will meet at 9:40 a.m. in N214-215 Memorial Union.

### UNIVERSITY BOOKSTORE:

Author Paul Dickson will sign books from 1-3 p.m. at University Bookstore. Also, book signings and a reception for faculty members Gladys Swan, William Holtz, Speer Morgan, Greg Michalson and Jo Sapp, special projects editor of *The Missouri Review*, will be from 7-9 p.m. in N214 Memorial Union.

### WOMEN'S CENTER:

Joi Pendlly, massage therapist, will speak on "Natural Alternatives in Women's Health" at noon in 229 Brady Commons. The International Women's Roundtable will meet at 7 p.m. in 229 Brady Commons.

### FACULTY COUNCIL:

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

### GENETICS SEMINAR:

Robert Herman, of the University of Minnesota, St. Paul, will present "Genetic Mosaics of the Nematode *C. elegans*" at 3:40 p.m. in 115 Tucker Hall.

### NUTRITION RESEARCH SEMINAR:

Frank Nuttal of the VA Medical Center, Minneapolis, will speak on "Regulation of Liver Glycogen Synthesis" at 3:40 p.m. in 103 Animal Sciences Research Center.

### LECTURE:

Paul Dickson, author, will speak on "American Lingoes: From Dugout to Desert Storm" at 3:45 p.m. in Ellis Aud. A reception will follow in 23 Ellis Library.

### INTERNATIONAL FORUM:

Patrick

Peritore, associate professor of political science, will lead a discussion on "Politics of Environment in the Persian Gulf: The Making of a Catastrophe" at 4 p.m. in Neff Lounge.

### MUSEUM OF ART AND

**ARCHAEOLOGY:** "The 1991-92 Missouri Visual Artists' Biennial" is on display through April 28. "Early Twentieth Century Art Glass" is on view through May 26. "Renaissance Prints and Drawings: Representations of Women" is on display through May 26. 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:

Works of George Caleb Bingham, Missouri painter and politician, will be on display through July. Included in the collection is a recently discovered Bingham painting, "View of Pike's Peak from Greenland." The gallery, in the east end of Ellis Library, is open from 8:15 a.m.-4 p.m. Monday through Friday. Also, "Fitzpatrick's Editorial Cartoons" will be shown in the north-south and east-west corridors of the gallery. The corridors are open from 8 a.m.-4 p.m. Monday through Friday and 9 a.m.-4:30 p.m. Saturday.

Peritore, associate professor of political science, will lead a discussion on "Politics of Environment in the Persian Gulf: The Making of a Catastrophe" at 4 p.m. in Neff Lounge.

### LECTURE:

See Highlights. **STUDENT RECITAL SERIES:** Douglas Friesen, pianist, will perform at 7 p.m. in the Whitmore Recital Hall.

**BUSINESS WEEK:** The B&PA honors banquet will be at 6 p.m. at the Holiday Inn Executive Center, 2200 I-70 Drive S.W. Attendance is by invitation only. Call 882-4562.

**GUEST ARTIST SERIES:** The U.S. Military Airlift Saxophone Quartet will perform at 8:30 p.m. in the Whitmore Recital Hall.

**SCHOOL OF FINE ARTS SERIES:** See Highlights.

## 19 Friday

### EMPLOYEE DEVELOPMENT SEMINAR:

Parris Watts, associate professor of health and physical education, will present "Wellness Lifestyle: Taking Charge of Your Health" from 9 a.m.-4 p.m. in 146 Heinkel Bldg. Call 882-4859.

### PHARMACOLOGY SEMINAR:

Takao Shimizu, of the University of Tokyo, will present "Arachidonic Acid Cascade and Signal Transduction" at 10:30 a.m. in M558 Medical Sciences Bldg.

### ASTRONOMY LECTURE:

Val Gramm, instructor in astronomy at Columbia College, will present "A Universe Full of Galaxies" at 7 p.m. in 120 Physics Bldg.

### MSA/GPC FILM:

"Longtime Companion," rated R, will be shown at 7 and 9:30 p.m. in Ellis Aud. Cost: \$2.50, children \$1.

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

# Need Lunch to GO?

# Just Let Us Know!

Almost everything we have can be served in containers to go. We also have sacks, disposable utensils and packaged condiments for your convenience.

Union  
Cafe 

skies, weather permitting.  
**SCHOOL OF FINE ARTS SERIES:** See Highlights.  
**SCHOOL OF FINE ARTS SERIES:** The Esterhazy Quartet will perform at 8 p.m. in the Whitmore Recital Hall. Cost: \$2.

## 20 Saturday

**BLACK AND GOLD FOOTBALL:** See highlights.  
**HEARNES CENTER:** The Boy Scouts of America District Show will be from 1-5 p.m. at the Hearnes Center.  
**STUDENT RECITAL SERIES:** Music students will give their recitals from 2:30 to 8:30 p.m. in the Whitmore Recital Hall. Call 882-3571.  
**MSA/GPC FILM:** "Longtime Companion," rated R, will be shown at 7 and 9:30 p.m. in Ellis Aud. Cost: \$2.50, children \$1.  
**ROCK CONCERT:** Nelson and the House of Lords will perform at 8 p.m. at the Hearnes Center. Cost: \$19 and \$17.50.  
**SCHOOL OF FINE ARTS SERIES:** See Highlights.

## 21 Sunday

**UNIVERSITY HOSPITAL/CLINICS:** National Organ and Tissue Week begins. An informative display on organ and tissue donations and transplants will be shown at the Health Information Center in Columbia Mall through April 27.  
**EARTH DAY:** See Highlights.  
**SCHOOL OF FINE ARTS SERIES:** See Highlights.  
**STUDENT RECITAL SERIES:** Music students will have recitals at 3, 4:30 and 7 p.m. in the Whitmore Recital Hall. Call 882-3571.  
**SCHOOL OF FINE ARTS SERIES:** The University Singers, conducted by David Rayl, will perform at 8 p.m. in the Whitmore Recital Hall. Cost: \$2.  
**MSA/GPC FILM:** "The Petrified Forest" will be shown at 8 p.m. in Ellis Aud. Cost: \$1.

## 22 Monday

**TRAFFIC CONFERENCE:** "Road Design-The Clear Zone Concept" will begin at 8:30 a.m. and continue through April 24. The workshop and conference will be at the Ramada Inn, 1100 Vandiver Drive. Cost:

\$55 for the workshop, \$55 for the conference. Call 882-3266.  
**PLANNING COMMITTEE:** The campus planning committee will meet at 9:40 a.m. in 25 General Services Bldg.  
**UNIVERSITY HOSPITAL/CLINICS:** Dietitian Diane Mosher will speak on "What's In, What's Out, Nutrition for the 90s" at 11 a.m. at the Health Information Center, Columbia Mall.  
**WOMEN'S CENTER:** Maureen Gerrity Wheeler, attorney and legal educator for MU Student Legal Services, will present "Sexual Harrassment" at noon in 229 Brady Commons.  
**BIOCHEMISTRY SEMINAR:** Craig Pikaard, of Washington University in St. Louis, will speak at 3:40 p.m. in MA217 Medical Sciences Bldg.  
**SOIL SCIENCE SEMINAR:** Steve Pallardy, professor of forestry, will present "Drought Tolerance Mechanisms of Forest Trees" at 3:40 p.m. in 133 Mumford Hall.  
**MSA/GPC FILM:** "Wings of Desire" will be shown at 8 p.m. in Ellis Aud. Cost: \$1.50.

## 23 Tuesday

**ENGINEERING CONFERENCE:** A hazardous waste management conference will begin at 8 a.m. at the Crown Center Hotel, One Pershing Road, Kansas City. Cost: \$85. Call 882-7584.  
**GRANTS WORKSHOP:** The Office of Sponsored Program Administration will have a post-award management workshop for faculty from 9-11 a.m. in Tucker Forum, Gannett Hall.  
**BIOLOGICAL SCIENCES SEMINAR:** Stan Rane, of Purdue Univeristy, will speak at 3:40 p.m. in 115 Tucker Hall.  
**CHEMICAL ENGINEERING SEMINAR:** Chung-Kuang Yang, a graduate student, will speak at 3:40 p.m. in 1035 Engineering Complex.  
**SECRETARIES INTERNATIONAL:** The MU chapter of Professional Secretaries International will meet at 6:30 p.m. in 130 Heinkel Bldg.  
**HEARNES CENTER:** Whitney Houston will perform at 7 p.m. at the Hearnes Center. Cost: \$25 and \$22.50. Tickets available at the Hearnes Center box office.  
**GALA FILM:** The Gay and Lesbian Alliance will present the film "Making Love" at 7:30 p.m. in Gannett Aud.  
**STUDENT ENSEMBLE SERIES:** The University Philharmonic, conducted by Edward Dolbashian, will perform at 8 p.m. at the Missouri Theater, 203 S. Ninth St. Cost: \$2.

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## ELDERCARE



*For families  
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who are frail  
or disabled...*

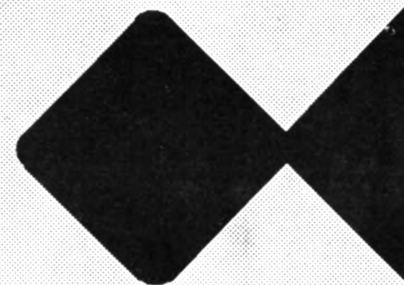
The Eldercare Center at the University of Missouri-Columbia, School of Health Related Professions, has limited funds available to subsidize adult day and respite care for the elderly.

The Eldercare Center, established two years ago with the express mission of providing adult day care, is staffed by qualified personnel who are committed to enhancing the quality of life for Columbia's elderly.

If you are interested in applying for the available funds, call Lois Long at the Eldercare Center, 882-7070.

## PARKING AND TRANSPORTATION SERVICES

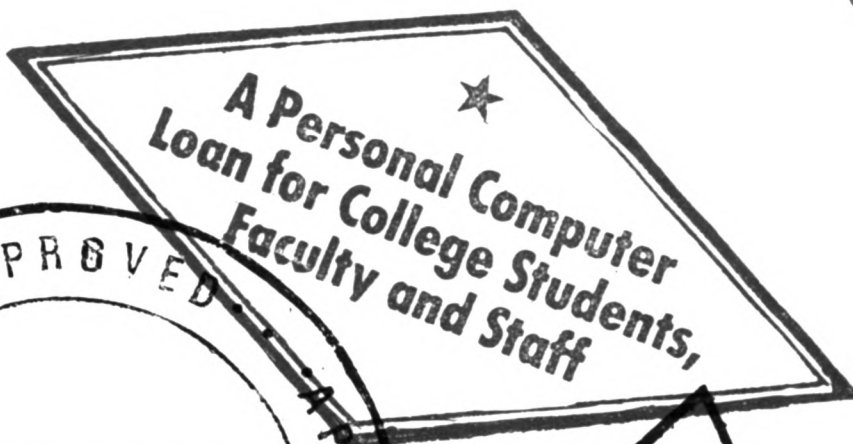
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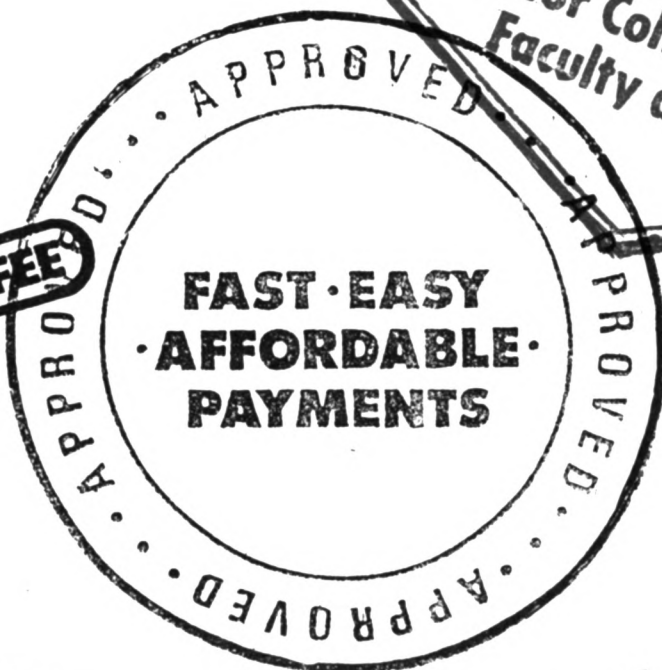
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