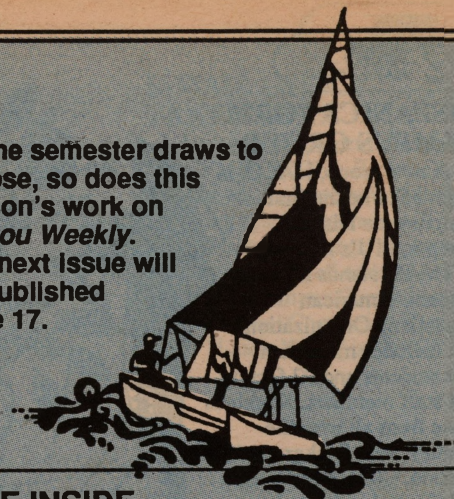


# MIZZOU

W E E K L Y

University of Missouri-Columbia / May 6, 1992

As the semester draws to a close, so does this season's work on *Mizzou Weekly*. The next issue will be published June 17.



## ON THE INSIDE

**Page 2** Faculty at the spring general faculty meeting ask to debate stricter admission requirements before curators take up the issue.

**Page 4** *Mizzou Weekly* continues its coverage of Missouri's candidates for governor with a report on Mel Carnahan's campus visit.

**Page 9** Can parents help out their youngsters by selling cookies and candy on campus? A Q&A reader wants to know.

## Meeting the target

*Reallocation within units may be necessary for MU to give raises this year.*

Mizzou's academic and administrative units may be called upon to reallocate funds in order to give salary increases to faculty and staff for the next fiscal year, Gerald Brouder, provost and interim chancellor, told the Council of Deans April 30.

Brouder, noting that percentage increases and dollar amounts are unclear at this point, said the UM System is expected to give MU some funds to deal with the situation, and at the same time set a target salary increase for the four campuses. "We would be expected to meet that target," he said. "If the money is not there, we'll need to redirect funds."

"Let me use this example: We say to a division, 'Here's 2.5 percent for raises. That's all we can give you. But you'll need to make 3.5 percent.' Then it's up to the divisions to decide how they want to do it."

Larry Clark, dean of arts and science, said his only choice in that situation would be to close class sections. "I don't know what else I could do," he said. He added that the campus should try to convince UM System officials that MU does not have the money to give raises this year.

Brouder said he already has discussed that idea with President George Russell. "And I can tell you that such a plan would not be acceptable," he added.

Along with the other campuses, Mizzou is competing for up to \$13 million in state funds which the UM System is holding in reserve. MU has requested \$3 million of that for salaries. Other requests, if approved, would boost libraries, faculty benefits and educational equipment and expenses, and would help pay the cost of opening new buildings. Brouder said he should know by mid-May how the University will fare in the bidding.

Roger Mitchell, dean of agriculture, food and natural resources, said at least MU would be gaining something. "I'm distressed when I look around the country and see what is happening at other universities," he said. "In Georgia, they were told to cut 27 percent of their extension and agriculture budget, and that's a flat cut — they will gain nothing. At least we'll have salary increases."

Brouder also told the deans that it is time for the MU community to begin some "bold new discussions" on future directions for the University. "We have become defensive and self-centered," he said. "We need to accept the fact that the institution is changing. Let's dare to throw out some ideas for discussion."

As an example, he mentioned the Health Sciences Center. "Does it serve its programs well, or could we improve it by making some changes?" Brouder asked. He also mentioned teacher education. "Let's talk about students getting a degree in arts and science before going on to get their teaching certificate," he said. "Other schools do it."

"What would happen if we required all students to spend their first two years in arts and science? Engineering may not

like that. But let's discuss it. Let's discuss the idea of requiring journalism students to take three or four years of arts and science courses before going into Journalism School. When they came out a year or two later, they'd have two degrees. We would be fulfilling one goal of bolstering core education, and another of enhancing our graduate mission.

"Maybe these ideas would work, and maybe they would not. But let's get them on the table. The extent to which we debate issues of this nature will determine the type of institution we will be in the year 2000."

The interim chancellor acknowledged that there have been rumors of some MU programs moving to other UM System campuses. "Our first reaction is to reject those ideas," he said. "But maybe such moves would be beneficial for the state. We need to remember that this is not our University, but the University of the people of Missouri."

"Above all else, we are public servants. I don't want us to forget that."

## State of the art

*Junior from St. Louis wins chancellor's award for oil painting.*

To look at the winning entry in the Chancellor's Purchase Prize for Art, you'd think that the artist spent several months on the work.

Looks can be deceiving.

Philip Slein, winner of this year's prize with an oil painting of the Conley House, says he spent two weeks on the painting, from conception to completion. "I worked day and night," says the junior from St. Louis. "But yes, I did it in two weeks."

Interim Chancellor Gerald Brouder says Slein's painting is an example of the type of work being produced by MU art students. "This is a good way to represent the real world of art," Brouder told 40 students assembled for the awards ceremony April 23 in Jesse Hall. He noted the quality of the 10 finalist entries, adding, "This is a fine demonstration of productivity, and I encourage you to continue to participate."

The annual contest was initiated in 1988 by former Chancellor Haskell Monroe in an effort to encourage students to paint or draw campus scenes. In the years since, most entries have concentrated on the principal



Philip Slein, left, receives the Chancellor's Purchase Prize for Art from Gerald Brouder, provost and interim chancellor, for his painting of the Conley House.

MU icons: Jesse Hall, the Memorial Union and the Columns.

That is exactly why Slein chose the Conley House. "I hadn't seen it represented before," he says. "It's a classic structure. And I do have the Jesse Dome in the background, just

to give it a sense of tradition and place."

Past winning entries have been displayed in the Chancellor's Office and at other Jesse Hall locations. Brouder says he will suggest that Slein's painting be hung in the Conley House. "It's such an excellent work," he

says. "I believe that would be fitting."

Slein wins \$300 for his efforts. What will he do with the money? "Oh, probably buy some more paints and easels," he says with a laugh. "I hadn't even thought about that. I'm just happy I won."

Rob Hill photo

### HISPANICS FORM CAMPUS GROUP

A new group, HALO, is believed to be the first campuswide Hispanic group in MU's history.

HALO stands for Hispano-American Leadership Organization, and includes more than 200 students and 92 faculty and staff members. Members come from all over the country, with backgrounds in Mexico, Cuba, Puerto Rico and Central and South America.

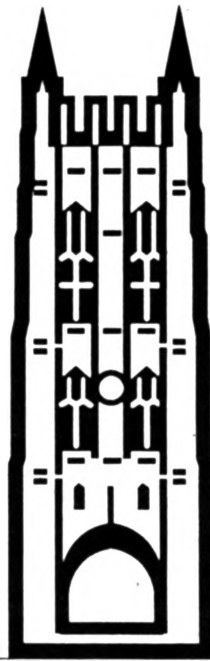
Members hope to promote the Hispanic culture in mid-Missouri, promote diversity and urge MU to increase Hispanic-American student enrollment and faculty and staff hirings. For more information, call Anna Romero, instructor in journalism, at 882-2422.



### PLEASE TAKE ANOTHER ROUTE

The Memorial Union arch will be closed to pedestrian traffic from May 18 through June 14.

The arch will be closed while repairs are under way to the tower. With questions, call Meg Sidle, assistant director, at 882-2799.



### DINNER TO BENEFIT Z. LOIS BRYANT FUND

A community fund raiser for the Z. Lois Bryant Memorial Scholarship Fund will be from 7 p.m. to midnight May 9 in the Memorial Union Lounge.

There will be a dinner and speakers, along with musical entertainment. Bryant, an assistant professor of human development and family studies who also was active in the community, died in an automobile accident in April 1991. The scholarship will be awarded to a black student who is majoring in human development and family studies and who shares Bryant's concern for improving society.

The Black Faculty and Staff Organization and the Z. Lois Bryant memorial scholarship committee are sponsoring the fund raiser. Advance tickets are \$10 per person and \$18 per couple, and may be obtained by calling Freda McKee at 882-6776. McKee also is accepting donations for the fund.

## Logan urges faculty to remain active

A stronger, more activist Faculty Council can help bring about change at the UM System level, Chairman Rob Logan, associate professor of journalism, told about 200 gathered for the general faculty meeting in Jesse Auditorium April 30.

"We're faced with an activist Board of Curators and an activist president," Logan said. "They're also impatient; they want change. But we have been activist, too, and we've made some progress."

In the past few months, Logan noted, curators have re-examined their positions on assessment and faculty workload, among other issues. In addition, President George

Russell appointed a student to the chancellor search committee. "I'm not saying that we brought all this about," Logan said. "But we let our voice be heard, and changes were made. It can happen."

Logan echoed Interim Chancellor Gerald Brouder in urging the faculty to help determine the future course of the University. "We can sit back and let the president and the curators determine the agenda, or we can do it," Logan said. "If we establish the precedent that we indeed can take charge, it will help us in our relationships with administrators and with the people of the state."

In other action, the faculty:

- approved a resolution that criticizes Russell and the curators for "the circumvention of due process and the violation of the principles of joint governance." The resolution mentions the lack of faculty input in selecting Russell last summer; proceeding with budget reallocations and an early retirement plan without first declaring a state of financial exigency; and "showing through word and deed, a collective disdain for faculty expertise, achievement, academic judgment and commitment to the institution."

- approved a resolution that asks the curators to postpone until June their discussions on stricter admission requirements.

Faculty members said they want the opportunity to debate the issue first. The board is expected to discuss the topic later this week.

- learned that a standing committee will be appointed this fall to oversee a plan to review the performance of administrators. Gene Lane, professor of classical studies and one of the authors of the measure, noted that faculty will be asked this summer to rate candidates for chancellor. "This is a positive way for us to express our feelings," he said.

- learned that on-campus interviews with chancellor candidates could begin in June. The search committee is expected to narrow the field of candidates to 10 this week, and Russell is expected to reduce it further before interviews begin.

## Mizzou urged to expand funding for scholarships

The Council of Deans discussed MU's budget and ideas for the future at a meeting April 30 (See story on Page 1). In other action, the deans:

- heard a report from Gary Smith, director of Admissions and Registrar, who urged that MU expand its scholarship funding and increase its student recruitment efforts. "Fees are rising dramatically at a time when the economy is in distress," he said. "Demographics tell us that the population of high school graduates will not increase significantly in the near future. MU has not initiated any new scholarship programs in five years. Add all those factors up, and it's clear that we

have to do something. We need to attract the very good student who doesn't qualify for a scholarship now at MU, but who is offered scholarships by other schools."

- heard a report from Roger Gafke, vice chancellor for Development, University and Alumni Relations, who said that consultant Robert Alsobrook is completing a review of the University's fund-raising activities. Gafke distributed a list of recommendations, including increasing major gift productivity and use of volunteers; considering an endowment campaign as a major campuswide effort; and arranging annual Jefferson Club events in two cities outside Missouri. He

invited suggestions from deans, and said the discussions would continue. Mizzou's current capital campaign ends next year.

- heard a presentation from Doris Littrell, director of Extension Teaching, who said 200 courses were offered statewide to 2,400 students last year. An evening-weekend program in mid-Missouri last fall drew 200 enrollees. "Support is growing for more adult education in mid-Missouri," she added. Recent surveys showed that faculty and administrators believe that MU should teach adults, and that adult students rank Mizzou No. 1 among all institutions in the state. "Students at other schools still say we're the best," added Don Swoboda, vice provost for extension. "To me, that says they'd come here if they could." Gerald Brouder, provost and interim chancellor, praised Littrell's work but urged that the results be communicated correctly. "We're not beginning an evening

college at MU," he said.

- were urged to carry the message, when appropriate, that the College of Business and Public Administration is still accredited. Dean Bruce Walker noted that the college has been placed on probation by the American Assembly of Collegiate Schools of Business. "The Kansas City Star and the Kansas City Business Journal have both reported, erroneously, that we lost our accreditation," Walker said. "Please clear this up if the opportunity presents itself."

- heard a plea from Robert Kahrs, dean of veterinary medicine, to help fund *Mizzou Magic*, a magazine for Missouri junior-high students. Publications and Alumni Communication publishes *Mizzou Magic*, which highlights the work of MU science researchers. "This is the type of thing that we can't afford to lose to budget cuts — but that we may lose if we don't help out," he said.

## 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 Richard Fleet.

## CLASSIFIEDS

### WANTED

WANTED TO RENT: New senior faculty member seeks contemporary/modern house. Prefer secluded, wooded lot. No children or pets. July 1. Call (314) 694-8144.

RESPONSIBLE RN wants to house sit, or sublease, an apartment June 1 to approx. Aug. 17. Located please in central, southern or western location. Will consider care for pets. Call Darla after 5 p.m. 875-7928.

ADAPTABLE, responsible female to share home with myself and teen-age son. Available immediately. \$175 a month includes washer, dryer, microwave, utilities, etc. Call 474-7905 after 5 p.m.

### SERVICES

LAWN MOWING - CONTRACT NOW! Spring lawn cleaning, seeding and fertilizing. Garden plot tilling. Thirty-

years experience, dependable, references. 874-8160. If no answer, leave message.

PROFESSIONAL-QUALITY NEWSLETTER produced from rough ideas. Newsletter including layout, graphics, copy writing and editing to camera-ready stage. Will supervise printing, too, if required. Call Smith (314) 445-1919.

The Classified Advertising Section is open only to faculty and staff members and retirees. A home phone number is required in all classified ads. No refunds will be given for cancelled ads.

### Ads must be typed.

Rates: 30-word maximum \$3.

### Publication deadlines:

No issues May 13-June 10

June 8 for June 17

June 22 for July 1

**Mizzou Weekly Classifieds:** Make your check payable to University of Missouri and send to: Mizzou Weekly, 407 Donald W. Reynolds Alumni and Visitor Center, Attention: Michelle Burke.

### SINGLES GROUP PLANS COOKOUT

It's spring, and the University Singles Group wants to celebrate the season.

The group will have a barbecue at 5 p.m. May 9. For more information, call 443-1601 or 474-4651. Membership is open to single faculty and professional staff members.



### BOOK DESCRIBES TREES IN STATE

Now that winter is over, it's time to put down the TV remote control, slide off the couch, slip into walking shoes and take a look at springtime in Missouri.

"It's easy enough to watch the buds burst and the flowers bloom," says Carl Settergren, MU professor of forestry. "But for truly informed nature watching, it's best to know what an attractive shrub or tree really is called."

To help you out, University Extension has reprinted the book *Trees of Missouri*, by Settergren and R.E. McDermott. Andrew Tau took the photographs.

*Trees of Missouri* lists 161 native trees, with illustrations of most. An illustrated glossary explains the botanical terms considered essential for accurate description.

The book costs \$8, plus \$1 for packing and postage. Copies may be ordered from University Extension at 882-2792.



### E-MAIL USERS, TAKE NOTE!

Anyone using electronic mail on UMCVMB (PROFS, Ricemail, Bitnote, etc.), please note that an operating system upgrade will require that you change the host name in your e-mail address.

See the Campus Computing ad below, or see "Computing Topics" under "Latest News" in INFORMU.

## MU offices schedule summer hours

Those lazy, hazy, crazy days of summer will soon be here, and so will summer hours. Beginning May 18, some campus offices will be open from 7:30 a.m. to 4 p.m., with a half-hour lunch. Regular hours of 8 a.m. to 5 p.m. will resume Aug. 17.

Not all departments and offices change their hours, however, so check the list to be sure.

#### 7 a.m. - 4 p.m.

Educational Resources Group  
Storeroom

#### 7:30 a.m. - 4 p.m.

Academic Support Center  
Aerospace Studies  
Agricultural Engineering  
Anthropology  
Art  
Art History and Archaeology  
Arts and Science dean's office and advisement center  
Atmospheric Science  
Biological Sciences  
Business and Public Administration  
Academic advising  
Accountancy  
Associate dean for administration/undergraduate programs  
Copy Center (operator on duty 8 a.m.-4 p.m.)  
Development  
Finance  
Fiscal Office  
Graduate studies and research  
Management  
Marketing  
Missouri Institute for Executive Development  
Missouri Training Institute  
Placement  
Public Administration  
Research Center  
Small Business Development Center  
Business Services  
Accounting Services  
Environmental Health and Safety  
Golf Course pro shop 7 a.m.-8 p.m.  
Hearnes Center  
Parking and Transportation Services  
Printing Services  
Procurement/Materials Management  
Telecommunications office; switchboard 7:30 a.m.-6 p.m.  
Campus Dining Services  
Central Food Stores  
Catering  
Center for Economic Education  
Center for Independent Study  
Classical Studies  
College of Education  
Continuing Professional Education  
Economics  
Educational Enhancement Program  
Entomology

Environmental Health and Safety  
Extension Teaching  
Forestry  
Geography  
Geological Sciences  
German, Russian, Asian Studies  
History  
Honors College  
International Agriculture Programs  
Learning Center  
Mathematics  
Missouri Cultural Heritage Center  
Office of the Provost/Instruction  
Parks, Recreation and Tourism  
Personnel Services/Affirmative Action  
Plant Pathology  
Political Science  
Program for Excellence in Teaching  
Psychology  
Religious Studies  
Secretarial and Office Support Services  
Sociology  
Soil Science  
Student Development  
Fiscal Office  
Alcohol and Drug Abuse Prevention Team  
Minority and Special Student Program  
Access Office  
Governments, Organizations, Activities and Leadership  
Publications  
International Student Services  
Student Recreation Center Office  
University Extension Conference Office  
Veterinary Biomedical Sciences  
Vice Chancellor for Administrative Services  
Vice Provost for Extension  
Vice Provost for Minority Affairs and Faculty Development  
Women Studies

#### 7:30 a.m. - 4:30 p.m.

Biochemistry  
117 Schweitzer Hall and M711 Medical Sciences Bldg.  
Campus Dining Services  
Director's office  
2 Johnston  
Educational Resources Group  
Audiovisual Equipment Loan  
Medical Television  
Health and Physical Education  
Nursing

#### 7:30 a.m. - 5 p.m.

Business Services  
Campus Mail office; bulk mail 7:30 a.m.-noon, 1-4:30 p.m.  
Graduate School  
Office of Research  
Sponsored Program Administration  
Provost  
Office of the Provost/Academic Budget Office

Student Development  
Student Parent Center  
Student Financial Aid

#### 8 a.m. - 4:30 p.m.

English  
Statistics

#### 8 a.m. - 5 p.m.

Biochemistry  
M121 Medical Sciences Bldg.  
Business and Public Administration  
Journal of Operations Management  
Dean's office  
Campus Writing Program  
Communication  
Computer Science

Educational Resources Group  
Administration  
Medical Illustration  
Medical Photography  
Engineering  
Fisheries and Wildlife  
Military Science  
Missouri Council on Economic Education  
Missouri Review  
Philosophy  
Publications and Alumni Communication  
Romance Languages  
Student Development  
Director's office  
New Student and Parent Programs  
Women's Center, Fridays; Mondays-Thursdays 8 a.m. to 8 p.m.  
Black Culture Center  
Missouri Unions administrative office  
Theater

Cut out and save for future reference

# ATTENTION UMCVMB USERS

**On June 6th, VM/CMS will be upgraded to VM/ESA.**

- UMCVMB will have a new host name, **MIZZOU1.**
- **Change your publicized email address from ME@UMCVMB to ME@MIZZOU1 (or ME@MIZZOU1.MISSOURI.EDU).**
- **Email users should complete their switch to RiceMail or cc:Mail by June 6th.**
- **When you log on, you will see a new logo—the MU columns.**
- **For more information, see INFORMU item #7, "Computing Topics," then #1, "\*\*\*\*Latest News\*\*\*\*" or call 882-5000.**

Campus Computing

# Task force to review University Extension

UM System President George Russell has appointed a 10-member task force to review University Extension and make recommendations to him about its structure and operations.

"Extension is responsible for a number of programs that serve citizens throughout the state," Russell says. "I would like to make certain that we are serving those who need University Extension in the most effective and efficient manner possible."

He has asked the task force to examine three areas of the operation — what services should be provided to Missouri citizens; how extension's operations can be structured to provide quality education and service to users in the most effective and timely manner; and how services can be provided most efficiently. No date has been set for the committee's final report.

The task force chairman is Charles Kruse, former UM System curator and director of the Missouri Department of Agriculture, and currently chief executive officer of the North American Equipment Dealers Association.

Other task force members are John Lichtenegger, president of the Board of Curators; state Sen. Sidney Johnson, D-Gower; state Rep. Chris Kelly, D-Columbia; Rob Logan, chairman of the Faculty Council and associate professor of journalism; Don Lucettia, a farmer from Lamar; Kay Roberts of Columbia, chairwoman of the President's Advisory Council for University Extension; Bea Smith, dean of human environmental sciences; Blanche Touhill, chancellor at UM-St. Louis; and Paul Wilson, a farmer from Shelbyville, also a President's Advisory Council member.

Russell says the review is a part of the process of reviewing all University programs. The purpose is to ensure that programs are consistent with the University's mission, that administrative responsibility is appropriately placed so each program will be responsive to those it is designed to serve, and that each program is structured and budgeted within the funding realities of the University.

## A REMINDER

The Mizzou Weekly Calendar deadline is Wednesday, one week before publication. Please let us know about your upcoming event as soon as possible so we may include it in our Calendar.



Rob Hill photo

Roger Mitchell, dean of the College of Agriculture, Food and Natural Resources, right, shows Mel Carnahan how researchers at the college are developing a fuel from soybean oil. Carnahan toured the campus April 29.

# Carnahan calls for higher education inventory

Mel Carnahan says that "even a redneck from Rolla knows the value of a good education." Carnahan, Missouri's lieutenant governor, was taking a swipe at his opponent in the Democratic primary for governor during a campaign visit to Mizzou. It was a reference to the hard words that have been flying recently between Carnahan and St. Louis Mayor Vince Schoemehl.

During an April 29 tour of Mizzou, he outlined his position on education in Missouri to a crowd of about 50 people at the Donald W. Reynolds Alumni and Visitor Center. Carnahan said he would push for a "top-to-bottom inventory" of higher education in Missouri.

He charged that many state leaders currently view higher education as a drain on state finances. "There is an absence of strong leadership for higher education on the state level. The state is simply floundering with no plan," Carnahan said. "I'm committed to changing the course and reversing this steady decline."

"I want to lead a true referendum on support for education," he said. "As governor, I would not have a magic wand. But I would pull together the people and resources to find solutions. We can't sit by and do nothing; the stakes are far too great."

He called for an end to "faculty bashing," and said higher education is "the engine that drives Missouri's economic growth and progress." Any reorganization of state colleges and universities, he said, should not

*Higher education is 'the engine that drives Missouri's economic growth and progress.'*

—Mel Carnahan

"pull the flagship down, but raise the other institutions to a higher standard."

Carnahan said he was concerned that a plan to raise tuition at MU by 83 percent over five years would limit access for students. He called for a "universal college revolving loan fund" that would give more students a seat in college classrooms and allow them to offset interest paid on student loans by working in public service jobs.

But Carnahan stressed that Missouri should not beef up its support for higher education at the expense of elementary and

secondary education. "That is the only educational opportunity 50 percent of our children will know," he said.

The lieutenant governor also said Missouri voters would approve a tax increase for education if a sound proposal was presented properly. Calling Proposition B "a midnight compromise of the legislature put out to a vote," he said the failed attempt at an education tax and reform package was a flawed proposal.

"I don't think we had a true referendum. Proposition B said, 'Trust us; trust the legislature to fix it later.' That's what the people were not prepared to do," Carnahan said. "With a good plan, strongly supported, we can pass it."

All five major candidates for governor have been invited to tour MU and make a presentation on public higher education. The purpose is to inform each candidate of Mizzou's role in and service to the state, and to provide the MU community with a better understanding of each candidate's positions. The visits are sponsored by the MU Alumni Association and its LINC committee; MUPAC; the Associated Students of the University of Missouri; and the Political Science Department.



## How to Get Your Desk Through the Door, Your Set-Up Done By Six and Your Possessions From Point A to Point B...

- First of all, don't do this yourself.
- Second, call Campus Facilities Movers at 886-6561
- Third, sit back, relax, and let someone else do the worrying and the work.

Movers like Harold Gordon and Floyd Murray can move virtually anything and do it with expertise and with care. And with graduation set-ups coming up, summer moves and basic spring cleaning, now's the time make the arrangements so you get the service you need when you need it. Now, don't you have better things to do this summer than worry about a move?

Harold Gordon and Floyd Murray...two of

The Many Faces of Campus Facilities

## Writing-intensive workshop is scheduled in August

Faculty interested in developing writing-intensive courses may want to mark Aug. 17 through 19 on their calendars.

That's when the Campus Writing Program will offer its 13th semi-annual faculty workshop, scheduled this year at the Donald W. Reynolds Alumni Center. The sessions, scheduled from 8 a.m. to 2 p.m. on those days, will cover such topics as writing to learn, critical thinking, collaborative learning and problem solving.

"MU's new general education architecture, to be phased in over the next several years, requires a second writing intensive course for all students," notes Marty Townsend, director of the Campus Writing Program. "That course is intended to be fulfilled in the student's major; consequently, departments may wish to plan ahead for courses to be offered in a few years."

Up to 60 faculty members will be entitled to receive \$300 stipends for participation in the workshop. "Those faculty should expect to attend some follow-up activities and to develop a writing-intensive course in the future," Townsend says.

Brochures are being mailed to all faculty members, and the deadline for returning applications is May 11. Faculty should submit applications to department chairmen and chairwomen for their endorsement. Department heads are being asked to encourage qualified faculty to take part.

The workshop occurs at the same time as a workshop for faculty interested in developing course clusters. "It's all part of the same goal — improving learning through stronger general education requirements," Townsend says. With questions, call 882-4881.

## Staff gearing up for election

In order to coincide with the academic year, MU's Staff Advisory Council is changing the terms that members serve. In the past, new council members took office in January. Last fall, the council approved a change that has new members taking office in September.

That change means that the annual elections for new members will be moved up from fall to summer. The council already is at work on the next round of elections.

Nomination forms will be sent to all staff members beginning around May 15. Staff will be asked to nominate colleagues to rep-

resent their interests on the council. The staff election committee will review the nominations and put together a slate of candidates for the election in July.

This year, six new members will be elected to the council: two from the crafts/maintenance category, two from the administrative/professional category, one from the technical/paraprofessional category, and one from the secretarial/clerk category. If a nomination form doesn't reach you through campus mail, contact the Staff Advisory Council office at 882-4269.

## Wellness program offered to MU faculty and staff

A comprehensive wellness program developed for MU students will be offered to faculty and staff for the first time this summer. The six-week supervised exercise program, FITWELL, is organized by Recreation/Intramurals.

To determine an individual exercise prescription, each participant is tested for body composition, flexibility, resting blood pressure and cardiorespiratory endurance.

Exercise sessions will run from June 23 to

July 30 on Tuesdays and Thursdays from 4:15 p.m. to 5:15 p.m. In addition, the program addresses goal-setting, nutrition and stress awareness and management.

The cost to faculty and staff for the summer program is \$15, and participants also must pay Student Recreation Center user fees of \$10.50 for the summer session. Those interested may register in 106 Rothwell through June 12. With questions, call 882-2066.

## 'Blue sheet' changes format

The "blue sheet" is going electronic. Beginning in late June, the list of campus jobs — so named because it is printed on blue paper — no longer will be mailed to offices. Instead, the information will be available through INFORMU, Mizzou's electronic mail system.

"We will be providing people with better information on job positions," says Susan Rutan, manager of Employment Services. Currently, job seekers can read about openings in the blue sheet, but they must make a trip to Employment Services in the Heinkel Building to look at job descriptions.

With the change to electronic mail, the information will be available with a few key strokes, including salary range, job duties and qualifications. The list is on INFORMU now, and in May the expanded version with job descriptions will be up and running.

There will be several options to the e-mail delivery. "We still will have hard copies of the blue sheet available in our office and also in campus copy centers, so individuals can make

copies if they want," Rutan says. Also, job hunters can call JOB-LINE, a 24-hour telephone service, at 882-8800 to find out about vacancies on campus. Rutan adds that openings for union-eligible positions will continue to be posted in the current locations.

# MIZZOU

WEEKLY

Vol. 13

No. 33

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  
Graphic editor: Nancy Daniel

## Now Responding to Your Mizzou ID\*



Arts & Science • Jesse • GCB  
Middlebush • Townsend

\* Only with E.Z. Charge or UPfront, available through any Campus Dining Services cashier or S-102 Memorial Union. To operate vending machines with ID readers, swipe the magnetic side of your Mizzou ID through the reader, then make a single selection. Repeat to purchase additional items.

Reach 11,000  
Mizzou Faculty,  
Staff and Retirees

with your message, product, service or offer — place your classified ad in *Mizzou Weekly*. Vacation home to rent? Specialty products or services to offer? Needing to car pool? *Mizzou Weekly* can help you reach your audience.

Rates: 30 word maximum \$3.

The classified Advertising Section is open to faculty and staff members.

A home phone number is required in all classified ads.

Publication deadlines:

June 8 for June 17 issue

June 22 for July 1 issue

**Mizzou Classifieds:** A great way to get results. To get your classified ad in *Mizzou Weekly*, simply fill out the form at right and return it through campus mail with your check, payable to University of Missouri, to:

Mizzou Weekly  
407 Donald W. Reynolds Alumni  
and Visitor Center  
Attention: Michelle Burke

Name \_\_\_\_\_

Department \_\_\_\_\_

Daytime phone \_\_\_\_\_

Run my ad in the following issue(s) of *Mizzou Weekly*: \_\_\_\_\_

Category:  FOR SALE  
 FOR RENT  
 TRADE  
 PERSONALS  
 CAR POOL  
 SERVICES

Use this space to write your classified message!

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Recognition week honors UM System staff

Each year, the week-long celebration honoring UM System staff and retirees gets bigger and better. A picnic was added to the festivities last year, and this year a fashion and talent show will be included in the lineup.

The recognition week is sponsored by the UM System Staff Advisory Council, and will be celebrated from May 11 to 15. One highlight of the week will be an awards ceremony from 2 to 5 p.m. May 13 in the Great Room of the Donald W. Reynolds Alumni and Visitors Center. The ceremony will honor winners of the Service and Support Award, the Administrative and Professional Award and the President's Award. Each award carries a \$1,000 prize.

UM System President George Russell will present the President's Award, and other awards will be presented by top UM administrators.

During the ceremony, UM staff members and recent retirees will be recognized for their years of service to the University. In addition, four cash awards will be made to

clerical staff members selected from county extension offices across the state.

To kick off the week of activities, a fashion and talent show will be held from 3 p.m. to 5 p.m. May 11 in the Great Room at the Reynolds Center. Staff members will model a wide variety of outfits provided by area merchants.

A dunking booth and dart board highlights the UM staff picnic, from 11 a.m. to 1:30 p.m. May 12 at Bethel Park. Lunch will be provided, and all UM staff and retirees are encouraged to attend the week's events.

At the picnic and fashion show staff will have a chance to win door prizes donated by local merchants. "There will be lots of door prizes and some hot fashions," says Willie Jones, UM staff council chairman and microfilm technician with Records Management. "We would like to offer special thanks to administrators, directors, supervisors and staff for this year's staff recognition week. We're glad that everyone has supported it the way they have."

For the Service and Support Award, the finalists are Clara L. Ashley, administrative assistant/bookkeeper with the St. Louis County Extension Council; Ruth Jeffries, administrative assistant with the Marion County Extension Center; and Vivian Mason, administrative assistant with University Extension.

Finalists for the Administrative and Professional Award are Lynn Hartman, quality assurance coordinator with the Environmental Trace Substances Research Center; Patricia Leistner, administrative associate II with Sinclair Farm Comparative Medicine Research Farm; and Loretta Lowery, senior information computing support specialist with University Information and Computing Services.

For the President's Award, the finalists are Phillip Hoskins, counsel in the Office of General Counsel; Mary Martin, senior administrative assistant with Financial Services; and Ellen Palmer, executive staff assistant I with University Extension.

## Show-Me hoopla

*Basketball tourney to open annual festival.*

The Show-Me State Games is kicking off another season with its "Hoopin' It Up" tournament, a three-on-three basketball competition scheduled May 24 and 25 in Columbia.

With age divisions from 10-and-under to 50-and-older, the tournament offers athletes of all ages a chance to compete. Last spring, in the tournament's second year, a record 151 teams took part.

The "Hoopin' It Up" competition will be held on Eighth Street, between Elm and Cherry streets. The entry fee is \$60 per team, and the deadline for entries is May 18. Entry forms are available at the State Games office, 404 Jesse Hall. With questions, call 882-2101.

The tournament is a fund raiser to benefit the State Games, and kicks off a full summer of activities for Missourians of all ages. Festival competitions for basketball and track and field will be held weekends between May 23 and June 21 at different sites in Missouri. Figure skating competition takes place July 11 in St. Joseph, and finals competitions in 27 other sports will be held in Columbia and Jefferson City July 24 to 26, July 31 and Aug. 1 and 2.

## FOR THE RECORD

**OFFICE MOVES:** Publications and Alumni Communication will move into new offices in 407 Donald W. Reynolds Alumni and Visitor Center from May 14 to 19. All department telephone numbers will remain

the same, and during the move telephone messages will be forwarded to Publications staff. In addition, Alumni Relations is moving to 123 Reynolds Alumni Center, and the phone number is 882-6611. The University Club is in 123-S Reynolds Center, and its new number is 882-ALUM, or 882-2586.

**G.I. AND T.A. TRAINING:** The Program for Excellence in Teaching will have a training and orientation workshop for all new international graduate instructors and

teaching assistants this summer. The event will be from 1 to 5 p.m. Aug. 18 and from 8:30 a.m. to noon Aug. 19 in Memorial Union Auditorium. With questions or to sign up, call 882-6260.

**ANNIVERSARY CELEBRATION:** Former associates are invited to a 50th wedding anniversary celebration for Raymond and Thelma Halbert, from 2-5 p.m. June 7 at the Holiday Inn Executive Center. The Halberts are retired MU employees. The couple requests no gifts.

## Results.

That's what you get when you reach over 11,000 MU faculty, staff, hospital workers, graduate students and retirees with an ad in the *Mizzou Weekly*.

Each issue, our advertisers get positive results by communicating their products, services or messages to the MU community. And for \$6.05 per column inch (or \$5.05 for weekly advertisers) you can too.

So call Michelle Burke at 882-7358 to find out how you can reach over 11,000 MU readers with an ad in the next issue of the

# MIZZOU

W E E K L Y

Advertising in the *Mizzou Weekly* is open only to University-related departments, facilities or offices.

## MIZZOU MEATS

36 Agriculture Building (Corner of Hitt and Rollins) 882-2385 Ask for Kevin or Leo.

SALE TIMES: Thursday and Friday: 1-5 p.m.

For your convenience, call in orders on Thursday or Friday morning.

### THIS WEEK'S SALE

Ground Lamb ..... 99¢ lb.

Whole Roasting Pigs\* (approx. 40-70 lbs. each)

Fresh ..... \$1.50 lb.

Smoked and Cooked ..... \$2.25 lb.

\*Phone in orders in advance

## STRESSED? ANXIOUS?



You don't have to be! If you have been:

- Constantly worried for months
- Feeling keyed up and on edge
- Having difficulty sleeping
- Experiencing dry mouth
- Irritable or easily tired
- Restless or unable to concentrate
- Sweating or having chills

You may qualify for a free program being conducted by the University of Missouri Hospital and Clinics that involves the use of an investigational anxiety-reducing medication. If you are between the ages of 18 and 65, and you have no serious medical illnesses, then call

(314) 882-0408

and ask for the Anxiety Study today.



Tammy Atkins photo

Ruth MacDonald, assistant professor of food science and nutrition, inspects a gel that is used to break down food into identifiable proteins. MacDonald is studying colon cells to try to find out how dietary fiber relates to colon cancer.

# GROWTH CONTROL

*Researcher aims to cut the risk of colon cancer.*

Scientists have known for some time that dietary fiber reduces the risk of colon cancer, but they don't know why. An MU scientist is studying colon cells in hopes of finding an answer.

"When you think about it, almost everything you eat contains a potential carcinogen, whether it's a naturally derived chemical that's found in plants or whatever, or if it is generated from cooking food," says Ruth MacDonald, assistant professor of food science and nutrition. "From the day you start eating to the day you die, your colon is exposed to a whole flood of these nasty chemicals. It's really intriguing to me that it takes so long for us to get colon cancer — rather than the fact that we get it at all."

MacDonald is studying colon cells to find out which chemical and hormone mechanisms are involved in the process that controls colon cell growth and activity, and how diet interacts with the process and relates to cancer risk.

The colon, a tube-shaped organ at the end of the small intestine, has the task of regulating the body's water and ion balance. Colon cells, which live for about three days in

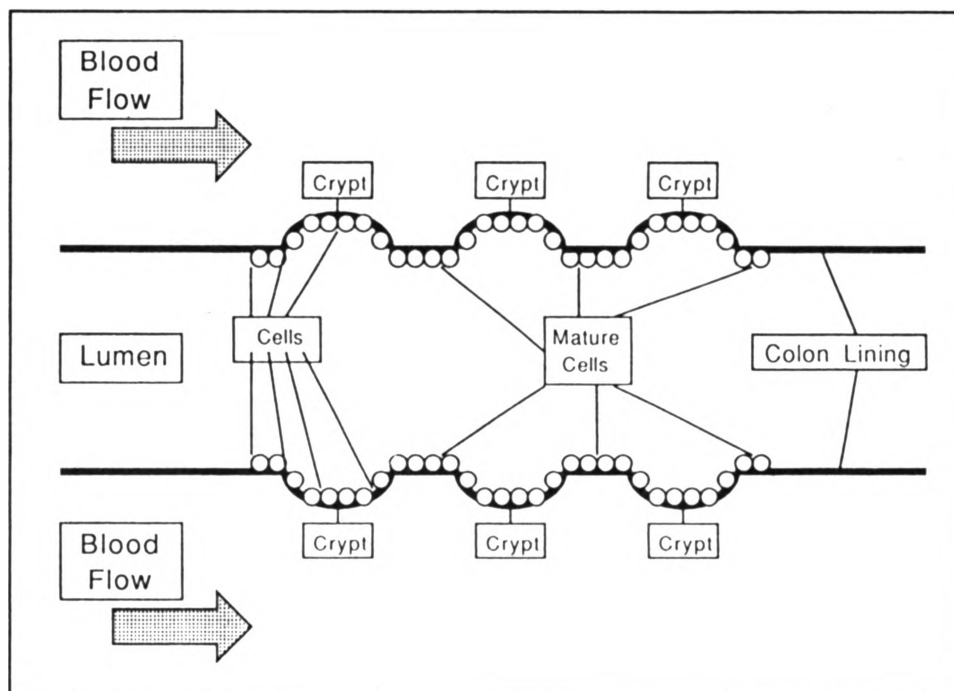
humans, are born through cell division in the colon lining and move up toward the lumen, the opening on the inside of the colon tube. As they migrate, they stop dividing and begin to mature, developing the functional capabilities of the colon.

Recent research shows that people who have colon cells that are still dividing when they near the lumen have a greater risk of colon cancer. Those cells are exposed to the digestive tract's noxious chemicals, increasing the susceptibility to mutate into cancer cells.

Many hormones direct the processes of cell division and maturation, although much remains unknown about which hormones regulate the stages of each process. Insulin, which is produced in the pancreas, is a hormone important to functions such as cell division in many types of cells.

In a recent study accepted for publication in *The Annals of Nutrition and Metabolism*, MacDonald has shown that different types of dietary fiber — corn bran, wheat bran, oat bran and guar gum — can affect the responsiveness of colon cells to insulin in rats. Because intake of dietary fiber and risk of colon cancer are related to each other, changes in insulin responsiveness in colon cells may be important.

"We didn't come out and say that 'Yes, this is the mechanism,' but we have a basic understanding now that you can affect the responsiveness of these cells to insulin when



you feed rats different types of dietary fibers," MacDonald says. "So that's an opening in our hypothesis that these growth factors are important in controlling the process of cancer in the colon cells."

The relationship between insulin responsiveness and cell division remains to be clarified, but MacDonald believes these studies will lead to an understanding of dietary effects on cellular division and maturation. "Only through such an understanding can sound dietary recommendations be made to consumers to reduce their risk of cancer," she says.

MacDonald's research is funded by grants of \$10,000 a year from the Food for the 21st Century program; \$14,000 from the MU Research Council; \$15,000 and \$25,150 from the Agricultural Experiment Station; \$47,377 from the National Dairy Council; and \$15,000 from the National Livestock and Meat Board.

**As colon cells mature, they migrate toward the surface of the colon lining. Researchers believe there is a greater risk of colon cancer if those cells are still dividing as they reach the surface.**

# Total Person Program thanks faculty, staff

Intercollegiate Athletics' Total Person Program thanked 75 faculty and staff members with a luncheon April 29 in the Tiger Lounge at Memorial Stadium.

"This is to let you know that we appreciate all the things you do for us," Chris Sinatra, program director, told representatives from departments including Admissions/Registrar,

Residential Life and Financial Aid, along with faculty, staff and advisers from Mizzou's schools and colleges. "Whether you are registering or housing our student-athletes, making sure they get into the right classes or helping them with their studies, you're providing a valuable service to us and to the students as well."

Making brief presentations were Joe Castiglione, associate athletic director; basketball Coach Norm Stewart and assistant football Coach Ken Flajole. Sinatra noted that Athletic Director Dick Tamburo and football Coach Bob Stull were out of town.

Stewart thanked those faculty and staff who wrote notes to coaches when an athlete was falling short in grades or attendance. "You know what happens when we ask them how they're doing," he chuckled. "That's like asking your own kids how they're doing — they're always doing great."

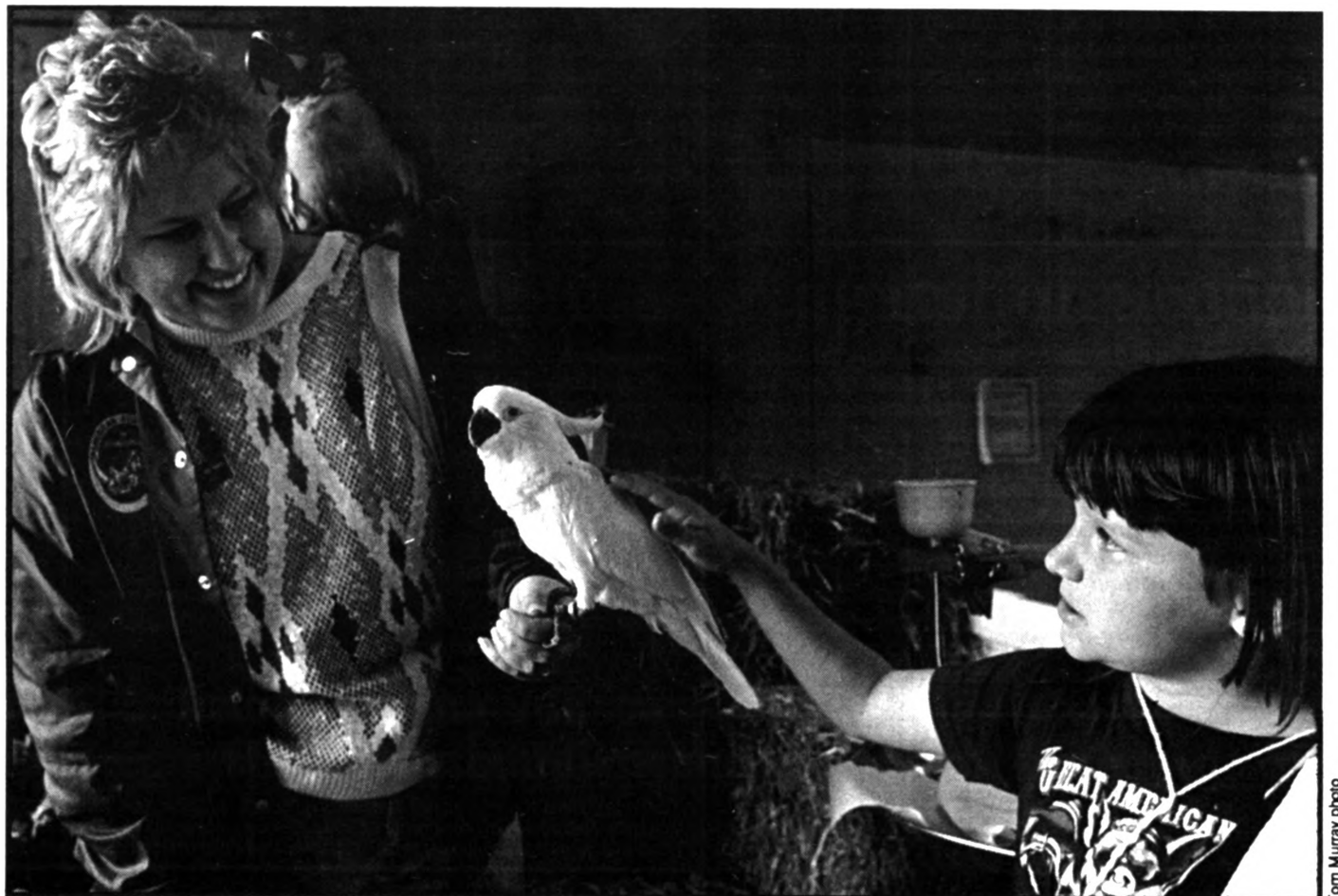
"But every now and then these students

get distracted. When they do, we like to know about it."

Gerald Brouder, provost and interim chancellor, drew applause when he thanked Sinatra and her staff.

"The whole point of the Total Person Program is to help athletes succeed academically," Brouder told the group. "We have to turn around this idea that these are athletes who happen to be students. No, these are students who also participate in athletics."

"One day athletics will be over for them, and they'll need to compete in the other world. You're all helping them do that."



## Birds of a feather

First-year veterinary student Kathleen Revlet-Hindman showed her pet birds to six-year-old Jennifer Merritt at the College of Veterinary Medicine open house April 24 and 25.

Tom Murray photo

# Korean foundation gives \$250,000 to J-School

The Sungkok Journalism Foundation, based in Seoul, Korea, has pledged \$250,000 to the School of Journalism to help finance the construction of Lee Hills Hall, which will house the *Columbia Missourian* and other programs of the school.

"This gift is a dramatic and concrete symbol of the benefits of the school's international activities," says Dean Mills, dean of journalism. "We are deeply appreciative of

the gift and of what it symbolizes: The continuing enrichment of the school's scholarly life by Korean students, professors and journalists."

Lee Hills Hall will be built on the north side of Elm Street between Seventh and Eighth streets. Construction is scheduled to begin in late winter 1993, with completion set for summer 1994.

The Sungkok Foundation is committed to

helping Korean journalists "lead our nation toward outstanding journalism," says foundation president Jong-Woo Han. The foundation has worked with the school for the past 10 years in developing a fellowship program in which Korean journalists study at MU.

Won Ho Chang, associate dean for graduate studies and research at the school and editor of the *Sungkok Journalism Review*, a professional journal published by the foundation, has been instrumental in establishing and continuing the fellowship program with the foundation. Chang says he approached foundation executives last year regarding a donation for the Hills building. "They were immediately receptive, but the actual gift is

much more than we anticipated," he adds.

The Sungkok Foundation was established in 1965 by the late Sung Kon Kim, founder of the Ssangyong Business Group. The foundation has helped in the training of more than 120 Korean journalists at universities throughout the world.

The nine Sungkok fellows who have studied at MU are continuing evidence of the positive relationship MU has maintained with Korea for many years. In 1957, several Korean journalists spent six months in Missouri studying at the school and working at area newspapers. In addition, the Korean chapter of the MU Alumni Association is the largest chapter outside the United States.

# Missouri Review contains original account of Indian tribe removal

A recent issue of *The Missouri Review* contains a diary of a young Choctaw that could be the only first-hand account by an American Indian of the U.S. government's policy of tribe removal in the 1800s.

"There are government reports, military communiques and descriptions by missionaries encompassing the period of the removal," says Greg Michalson, managing editor of the magazine. "However, the diary of the young Choctaw, Peter Pitchlynn, may

be the only on-the-scene account by a member of one of the tribes. In the iconography of the U.S. Government-Native American relations, no event besides the defeat of the Seventh Cavalry at Little Big Horn has achieved greater importance than the removal of the Five Civilized Tribes from their homelands in the South."

The Choctaw nation, one of the largest and most civilized, was the first tribe to be removed en masse to the Indian Territory.

The experience would serve as the example to be followed for all subsequent removals.

The diary is valuable because the first part of it describes events preceding the removal, including an extended account of the surveying party to the Indian Territory in 1828, during which Pitchlynn pays close attention to details of topography, game and natural resources. Michalson says the events leading up to the removal, and the selling of the diary, are less well-known than the dramatic Trail of Tears, but could be more important because they provide insights into how and why the policy was realized.

The actual manuscript diary is at the Uni-

versity of Oklahoma's Western History Collection. Michalson says the diary presented an editorial challenge because of its condition and the inevitable problems of understanding details of the American frontier 165 years ago. Much of the diary was written in the woods by Pitchlynn, using a pencil.

*The Missouri Review*, MU's literary magazine, has gained a reputation as one of the best of its type in the country. Half of the fiction published in the *Review* has won national awards or has been anthologized.

A copy of the issue can be obtained by contacting *The Missouri Review*, 1507 Hillcrest Hall, or by calling 882-4474.



# Bug off!

Researchers attempt to develop plants that resist insects.

MU scientists are trying to genetically engineer plants that can manufacture their own insecticides.

"If the research is successful, farmers could minimize their use of insecticides, which would reduce their production costs and help the environment," says Michael Chippendale, professor of entomology. "The research has gone very well so far. We have made progress in identifying putative plant materials that contain toxins."

The interdisciplinary research is a collaboration among MU, the U.S. Department of Agriculture's Biological Control of Insects Research Laboratory, the University of Oklahoma and the University of Costa Rica.

Mizzou is in charge of the entomological, or insect-related, parts of the study.

The first step for the project was to locate and identify plant material that shows resistance to insects in the field. The scientists focused on proteins because of their close relationship to DNA. A tropical location, such as Costa Rica, was a logical place to find such plants because of tremendous insect populations and pressure on the plants. In preliminary tests, the scientists have found a promising plant with innate insect resistance.

At this time, the scientists are screening the extracted plant material to make a general determination about the proper level at which the material becomes resistant to insects. They test the protein extracts by incorporating them into an artificial diet fed to the corn earworm, the *Helicoverpa zea* insect.

Once the screening step is finished, the scientists will attempt to purify the active ingredient, identify the gene that creates it in the plant, clone the gene and produce genetically changed plants that make the active anti-insect protein. Then, the team must test the engineered plants in a containment facility before moving to the field.

An alternate route would be to genetically alter an existing insect-attacking virus to make the virus work more quickly. "The viruses that fight insects now are too slow-acting; they allow the insect to damage too much of the plant before the insect dies," says Arthur McIntosh, research leader at the USDA Biological Control of Insects Laboratory in Columbia's Research Park. "If we could attach the gene that controls this active ingredient to the virus, it would attack the insect more quickly."

Last year American companies spent \$1.5 billion on biotechnology research, much of which was proprietary. For instance, one company already has engineered the *Bacillus thuringiensis* protein, which is toxic to insects, into cotton plants.

"Biotechnology is not pie-in-the-sky research, but it shouldn't be considered a magic bullet either," Chippendale says. "The question now is not whether you can do the engineering, but what you want to engineer into the plant."

"The problem is complicated because insects are tremendously adaptable. They've survived for 250 million years, co-evolving

with plants, so you aren't going to knock them out overnight."

Scientists learned first-hand about the adaptability of insects when synthetic insecticides such as DDT were invented in the 1940s. Over time, insects developed resistance to DDT and other pesticides. To combat such adaptability, the scientists may need to engineer several insect-resistant chemicals in the plants at once to combat the development of resistant insect strains.

In addition, they have to make sure plant chemicals repellent to one insect aren't attractive to another and that the chemicals produced won't be toxic to humans or animals.

"For example, cotton genetically engineered to resist insects is not used for human food," Chippendale says. "However, the seeds are used in animal feed, and their safety must be demonstrated to be approved."

Funding for the MU project has come through grants of \$100,000 from the Washington University Center for Plant Biotechnology and \$200,000 from the Midwest Plant Biotechnology Consortium. Early results were published last year in the *Archives of Insect Biotechnology and Physiology*.

## Q&A

**Q. I was wondering if there is a policy regarding staff members bringing things in to work to sell for their kids, such as Girl Scout cookies or candy bars. Also, is there a policy regarding setting up displays to sell the items to co-workers and people passing by?**

A. The answers to your questions are in MU's Business Policy and Procedure Manual, says Patsy Higgins, manager of Business Services. The manual says: "The sale of anything, the solicitation of subscriptions, or the collection of dues is prohibited in University buildings or on University grounds without prior authorization from Business Services." See section 6:053 in the manual. Higgins says her office routinely denies requests from individuals to sell things on campus. However, for informal and short-term, non-profit sales efforts — like Girl Scout cookies — Higgins suggests you check with your department head for permission. Your question about setting up displays also

is covered by the policy manual: "The University shall not be used for commercial or promotional advertising purposes..."

**Q. I am writing about the gas leak that took place March 8 at the new Donald W. Reynolds Alumni and Visitor Center. I work in Hill Hall. We are located northwest of the alumni center, directly west of Jesse Hall and directly north of Townsend Hall. As the firemen got out of their trucks, they immediately put on oxygen masks. The odor was that strong. People in the new engineering building, Noyes Hall and the Student Health Center were evacuated. The odor was strong in our building, but Hill Hall was never evacuated. This brings up a few questions. Does the Columbia campus have any evacuation policy and procedures for situations like this? Does each building have its own evacuation procedure? It seems that this was done in a sporadic manner. Should we have taken it upon ourselves to evacuate? Do we use our vacation time in a situation like this?**

A. There is a procedure for evacuating University buildings during emergencies, says Jim Beckett, director of MU's Environmental Health and Safety office. The policy calls for the first unit on the scene to make a determina-

tion about whether to evacuate buildings.

During the gas leak you mention, the Columbia Fire Department was called, arrived first, and directed the evacuation effort. Why were some buildings evacuated while others were not? Beckett says the fire department received the first call from individuals at Noyes Hall. The source of the leak had not been determined, and there may have been some individual evacuations of buildings in that area. In the meantime, Columbia firefighters had another call indicating a gas leak at the Reynolds Alumni Center. They responded, and following standard operating procedure, they used respirators while locating the source of the leak. During this time, Beckett says, they officially evacuated the alumni center. After determining the source of the leak, they determined that the respirators were not necessary, nor was it necessary to evacuate other buildings in the area.

Beckett adds that an industrial hygienist from MU's safety office also was on the scene and did not believe there was a danger of injuries. "It's hard to make a blanket statement that a building should be evacu-

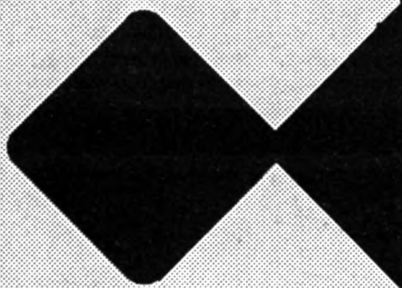
ated in certain situations," he says. "Those decisions are made on the scene, and you've got to have some human judgment involved." Beckett adds that all buildings on campus have an evacuation plan, although those plans may need to be updated in a few buildings.

Caring for  
Your Life with  
The Staff for Life



University Hospital & Clinics  
Ellis Fischel Cancer Center  
Rusk Rehabilitation Center

**PARKING AND TRANSPORTATION SERVICES**  
**107 SWALLOW**  
**882-4568**



Parking lots will be enforced during finals week and intersession. Students working on campus may purchase permits for intersession at 107 Swallow Hall.



Our office will be open 7:30 a.m. to 4 p.m., Monday through Friday, from May 18 to Aug. 14.



**THIS IS HOW SOME PEOPLE START THE MOURNING**

May we suggest you start your day a little differently? To learn more about healthy eating, contact the American Heart Association, 7320 Greenville Ave., Box 24, Dallas, TX 75231.

You can help prevent heart disease. We can tell you how.

American Heart Association 

This space provided as a public service

# 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

**BLUES CONCERT:** Singer/guitarist Buddy Guy will perform at 8 p.m. May 7 in Jesse Aud. Tickets are available at the MSA/GPC ticket window in Brady Commons. Cost: \$10 MU students, \$14 public.

**FUND RAISER:** A dinner to raise money for an endowed scholarship in the name of Z. Lois Bryant, assistant professor of human development and family studies who died in a car accident last year, will be from 7 p.m.-midnight May 9 in the Memorial Union Lounge. Cost: \$10 single, \$18 couple in advance, or \$12 single, \$20 couple at the door. Call Freda McKee at 882-6776.

**TRAINING COURSE:** The Environmental Health and Safety Department, in cooperation with the Fire and Rescue Training Institute, will present a fire extinguisher training session from 1-3 p.m. May 14 in 12 Research Park Development Bldg. Call Ray Morrison at 882-7018 to register.

## 6 Wednesday

**JEWELRY SALE:** The Ellis Fischel Cancer Center Auxiliary will have a three-day jewelry sale beginning today in the hospital lobby, 115 Business Loop 70 W. Proceeds will benefit programs and patient services at the hospital.

**NEW EMPLOYEE ORIENTATION:** A seminar for new employees will be from 8:30 a.m.-noon in 146 Heinkel Bldg. Call 882-4840.

**GEOLOGICAL SCIENCES SEMINAR:** Ryna Marinenko, of the National Institute of Standards and Technology, will present "The Image is the Thing: A Practical Approach to the Application of Digital X-ray Maps with Electron Beam Instrumentation" at 2:40 p.m. in 103 Geological Sciences Bldg.

**PHYSIOLOGY SEMINAR:** Robert A. Johnson, of the Department of Physiology, will present "Nitric Oxide and Control of Renin Release" at 2:40 p.m. in M437 Medical Sciences Bldg.

**ADAPT HAPPY HOUR:** "Stress Management Two" will be presented from 3-4 p.m. in 235 Brady Commons.

**PLANT PATHOLOGY SEMINAR:** Chris Huber, of the Department of Plant Pathology, will present "Lytic Enzymes Produced by Plants in Response to Invasion by Microorganisms" at 3:40 p.m. in 200 Waters Hall.

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

## 7 Thursday

**BOARD OF CURATORS:** Board meets today and May 8 in Rolla.

**EMPLOYEE DEVELOPMENT SEMINAR:** LeAnn Stewart, of Human Resource Development, will present "Effective Writing" from 9 a.m.-4 p.m. in 146 Heinkel Bldg.

**CAMPUS WRITING PROGRAM:** Clarence Lo, associate professor of sociology, will present "No Other Way to Teach: Writing to Learn in Sociology" from 11:40 a.m.-1 p.m. in 215 Brady Commons.

**PHARMACOLOGY AND MOLECULAR BIOLOGY RESEARCH SEMINAR:** John B. Shabb, of Vanderbilt University, will present "Cyclic Nucleotide-Dependent Protein Kinases: Mechanism of cGMP/cAMP Selectivity" at 3:30 p.m. in S261 School of Nursing.

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

**HEARING SCREENING:** The Audiology Department at University Hospital and Clinics will offer hearing screenings from 10 a.m.-6 p.m. by appointment at the Health Information Center in Columbia Mall. Call 882-6565.

**BLUES CONCERT:** See Highlights.

# EXHIBITS

**BINGHAM GALLERY:** The annual undergraduate show will continue through May 15. "Maps and Minds," an exhibition commemorating the Columbus quincennial, will be May 23-July 5. Hours: 10 a.m.-4 p.m. Monday through Friday. The gallery is in the Fine Arts Building.

**BRADY COMMONS GALLERY:** Photography by Andy Davis will be on display through May 14. Gallery is in 203 Brady Commons. Hours: 10 a.m.-5 p.m. Monday through Friday.

**MEMORIAL UNION SOUTH:** "No Manner of Harm," an exhibit compiled and presented by the University Archives about MU women, is on display through May.

**MUSEUM OF ART AND ARCHAEOLOGY:** "Capturing the Spirit: Portraits of Contemporary Mexican Artists" and "The Myths and Stories of Geta Bratescu" will be on display through May 10. The museum, in Pickard Hall, is open from 9 a.m.-5 p.m. Tuesday through Friday and noon-5 p.m. Saturday and Sunday.

**UNIVERSITY HOSPITAL:** Photography by Peter Anger and the contemporary baskets and fiber art of Jo Stealey Brotherton, Leandra Spangler, Helen Solter, Mary Ann Brownfield and Jo Donati Shaw will be on display through June 30 in the main lobby concourse.

**BIOLOGY RESEARCH SEMINAR:** Peter A. Wilden, of Joslin Diabetes Center, Boston, will present "The Role of Insulin Autophosphorylation on Receptor, Enzymatic Function and Insulin Action" at 3:30 p.m. in MA217 Medical Sciences Bldg.

## 8 Friday

CLASSWORK ENDS AT 10 P.M.

**ENTOMOLOGY SEMINAR:** John Gole, of Central Missouri State University, will present "Signal Transduction Mechanisms of Octopamine in the American Cockroach" at 2:40 p.m. in 2-10 Agriculture Bldg.

**COLLEGE OF ENGINEERING:** The graduating seniors recognition banquet will be at 6 p.m. in N201-202 Memorial Union.

**BASEBALL:** The Tigers will play Southeast Missouri State at 7 p.m. at Simmons Field. Cost: \$3 adults, \$2 students and children.

**COMEDY BREAK:** Comedian A.J. Jamal will perform at 8 p.m. in Townsend Aud. The event is sponsored by the black programming committee.

## 12 Tuesday

**STAFF NURSE CONFERENCE:** Sheila Lenkman, president and chief executive officer of Lenkman and Associates, Inc., will speak at a seminar from 8 a.m.-4:30 p.m. at the Days Inn University Center, 1900 I-70 Drive S.W. Cost: \$80 in advance, \$100 for on-site registrants. Call 882-0215.

**EMPLOYEE DEVELOPMENT SEMINAR:** Susan Rutan and Jamie Baker, of Personnel Services/Affirmative Action, and LeAnn Stewart, of Human Resource Development, will present "Transition Assistance Program," an overview of MU's layoff and transition assistance policies, from 9:30 a.m.-noon in 146 Heinkel Bldg.

**TELECOMMUNICATIONS:** A session on MU phone features will be from 1:30-4 p.m. in the Telecommunications Conference Room. A tour of the facility will follow. Call 882-5800.

**PHARMACOLOGY RESEARCH SEMINAR:** Mark Hannink, assistant professor of biochemistry and molecular biology, will present "Functional Regulation of NF- $\kappa$ B/rel Transcription Factors" at 3:40 p.m. in M558 Health Sciences Bldg.

## 9 Saturday

STOP DAY

**BASEBALL:** The Tigers will play Southeast Missouri State at 1 p.m. at Simmons Field. Cost: \$3 adults, \$2 students and children.

**UNIVERSITY SINGLES:** Group will have a barbecue at 5 p.m. Bring a dish, drinks or dessert. Call 443-1601.

**FUND RAISER:** See Highlights.

## 11 Monday

FINAL EXAMINATIONS BEGIN  
PHARMACOLOGY AND MOLECULAR

## 13 Wednesday

**PEDIATRIC NURSES CONFERENCE:** "Issues in Adolescent Health" will be the topic of the third annual conference from 7:45 a.m.-4:15 p.m. at the Holiday Inn Executive Center, 2200 I-70 Drive S.W. Cost: \$95. Call 882-0215.

**FIELD DAY:** A three-day grazing school will be at the Forage Research Center, Linneus, Mo. Fee required. Call 882-7488 to register.

**EMPLOYEE DEVELOPMENT SEMINAR:** Debbie Prost, of Human Resource Development, and Dixie Lenau, of Training and Office Support Services, will present "Using University Resources" from 8:30 a.m.-noon in 146 Heinkel Bldg.

**ADAPT BROWN BAG SEMINAR:** "How Stupid Do They Think We Are?: Advertising & Alcohol" will be presented from 11:40 a.m.-12:30 p.m. in 215 Brady Commons.

**COLLEGE OF VETERINARY MEDICINE:** The annual awards banquet will be at 7 p.m. at the Holiday Inn Executive Center, I-70 and Stadium Boulevard.

## 14 Thursday

**EMPLOYEE DEVELOPMENT SEMINAR:** David Hudson, of Secretarial and Office Support Services, will present "Proofreading" from 9 a.m.-noon in 146 Heinkel Bldg.

**MAY DAYS  
SHOPPING FLING**  
May 5 through May 17

**Storewide Red Tag Sale**  
**Most items 50% off marked price!\***

**Museum Shop**  
Tuesday-Sunday noon - 5 pm

Proceeds benefit the museum's exhibitions, acquisitions and educational programs.

\* except books, notecards and postcards

MUSEUM OF ART  
AND ARCHAEOLOGY  
UNIVERSITY OF MISSOURI-COLUMBIA

**TRAINING COURSE:** See Highlights.  
**STAFF ADVISORY COUNCIL:** Group will meet at 1:15 p.m. in B233 Brady Commons.  
**FIRST AID FOR KIDS:** The class will cover the basics of first aid, including sprains, cuts, choking and rescue breathing, from 6-8 p.m. at the University Hospital Diabetes Center. Call 882-6003 to register.

## 15 Friday

**EMPLOYEE DEVELOPMENT SEMINAR:** LeAnn Stewart, of Human Resource Development, will present "Goals and Objectives" from 9 a.m.-noon in 146 Heinkel Bldg.

**SCHOOL OF MEDICINE:** Honors and awards will be given at 3 p.m. in M105 Medical School.

**COLLEGE OF VETERINARY MEDICINE:** Convocation will be at 3 p.m. in Jesse Hall.

## 16 Saturday

**SCHOOL OF LAW:** Convocation will be 1 p.m. in Jesse Aud.

**COMMENCEMENT:** Graduate ceremony will be at 4 p.m. at the Hearnes Center.

**SCHOOL OF MEDICINE:** Convocation will be at 4 p.m. in Jesse Aud.

**WINTER SEMESTER CLOSSES AT 5 P.M.**

## 17 Sunday

**COMMENCEMENT:** Undergraduate ceremony will be at 1:30 p.m. at the Hearnes Center.

## 18 Monday

**PHARMACOLOGY AND MOLECULAR BIOLOGY RESEARCH SEMINAR:** John Schmidt, of Stanford University, will present "Modulation of Stem Cell Fate by SRC Tyrosine Kinase" at 3:30 p.m. in MA217 Medical Sciences Bldg.

**ALZHEIMER'S SUPPORT GROUP:** Group will meet at 7 p.m. at the Columbia Senior Center, Parkade Plaza, 601 Business Loop 70 W. Call 882-7070.

## 19 Tuesday

**EMPLOYEE DEVELOPMENT SEMINAR:** Debbie Prost, of Human Resource Development, will present "Conducting Meetings" from 9 a.m.-noon in 146 Heinkel Bldg.

**BLOOD GLUCOSE SCREENING:** Come for a free glucose test from 1-6 p.m. at the Health Information Center in Columbia Mall, two hours after eating a well-balanced meal.

**PHARMACOLOGY RESEARCH SEMINAR:** D.J. Park, a graduate research assistant in pharmacology, will present "Identification and Cloning of Erythropoietin Responses and Genes from Murine Erythroid Progenitor Cells" at 3:40 p.m. in M558 Health Sciences Bldg.

## 21 Thursday

**MU-PAC:** A breakfast to raise funds for MU's political action committee will be at 7:30 a.m. at the Haden House, 4515 Highway 763 N. Cost: \$25. Call 443-3098 to make reservations.

**EMPLOYEE DEVELOPMENT SEMINAR:** R. Dean Baxter, of Human Resource Development, will present "Success with Stress" from 9 a.m.-4 p.m. in 146 Heinkel Bldg.

**PHARMACOLOGY RESEARCH SEMINAR:** Richard Adams, professor of pharmacology, will present "Endothelial-Derived Relaxing Factor/NO: The Terminal Mediator of the Vascular Response to Endotoxin" at 3:40 p.m. in M558 Health Sciences Bldg.

**HEARTS FOR LIFE:** John Bauer, director of hypertension research at University Hospital, will discuss hypertension and its effect on cardiac health at 7 p.m. in the Same Day Surgery lobby at the hospital.

## 22 Friday

**EMPLOYEE DEVELOPMENT SEMINAR:** Leo Agnew, of Human Resource Development, will present "Desk Manual" from 9 a.m.-3 p.m. at the Technology Training Center, in the basement of Lewis Hall. Bring a formatted 3.5-inch diskette.

## 23 Saturday

**FIELD DAY:** The Horticulture and Small Grains Day will be at the Southwest Center in Mount Vernon. Call 882-7488.

## 24 Sunday

**SHOW-ME STATE GAMES:** 3-on-3 basketball will be played today and May 25 on Eighth Street, between Elm and Cherry streets. Cost: \$60 per team. Entry deadline is May 18. Call 882-2101.

## 26 Tuesday

**EMPLOYEE DEVELOPMENT SEMINAR:** LeAnn Stewart, of Human Resource Development, will present "Team Building" from 9 a.m.-4 p.m. in 146 Heinkel Bldg.

**WAIST MANAGEMENT:** Diane Mosher, registered dietitian, will discuss eating right at 11 a.m. at the Health Information Center in Columbia Mall.

**PHARMACOLOGY RESEARCH SEMINAR:** Animesh Dhar, research assistant professor of pharmacology, will present "pp60 Tyrosine Kinase and Platelet Activating Factor" at 3:40 p.m. in M558 Health Sciences Bldg.

## 27 Wednesday

**MUse:** The Macintosh Users Group will meet at 7 p.m. in Gannett Aud.

## 28 Thursday

**SICKLE CELL SUPPORT GROUP:** Group will meet at 7 p.m. at the Health Information Center in Columbia Mall.

## 29 Friday

**EMPLOYEE DEVELOPMENT SEMINAR:** Leo Agnew, of Human Resource Development, will present "Desk Manual" from 9 a.m.-3 p.m. at the Technology Training Center, in the basement of Lewis Hall. Bring a formatted 3.5-inch diskette.

## 30 Saturday

**CHILDREN'S MIRACLE NETWORK TELETHON:** The telethon kicks off at 10:30 p.m. and continues until 5 p.m. May 31. All money raised benefits children's services at University Hospital.

## June 4 Thursday

**EMPLOYEE DEVELOPMENT SEMINAR:** R. Dean Baxter, of Human Resource Development, will present "Listening" from 9 a.m.-4 p.m. in 146 Heinkel Bldg.

## 9 Tuesday

**EMPLOYEE DEVELOPMENT SEMINAR:** Nan Erickson, assistant professor of education, will present "Time Management" from 10 a.m.-noon today and May 11 in 146 Heinkel Bldg.

## 16 Tuesday

SUMMER SESSION BEGINS



Send to Michelle Holden, 1100 University Place, by noon June 9.

### MIZZOU WEEKLY SUMMER SEMESTER CALENDAR JUNE 17

Event date

Event title

Speaker or performer (include professional title, university or company affiliation)

Time

Location

Ticket or cost information

Event sponsor

Is event open to the public? If not, who may attend?

Submitted by

Phone number

## Aquatic 'vampire' provides clues to spinal cord injuries

The lamprey, an eel-like aquatic vertebrate that sucks the blood of other fish, has the remarkable ability to regenerate its spinal cord after the cord has been severed. A Mizzou scientist hopes his study of the lamprey someday may lead to new treatments for human spinal injuries.

Not a true "fish," the lamprey is a cyclostome, one of the lowest classes of vertebrates. It resembles an eel, except it has a leach-like sucker instead of a jaw. Like the salmon, lampreys start their lives in small streams and move to larger bodies of water, such as the Mississippi River and Great Lakes, as they grow older.

"The lamprey can recover from a spinal cord injury in a few weeks, while the same injury in a human is permanent," says Andrew McClellan, assistant professor of biological sciences. "If we can learn how the lamprey system recovers, it may provide clues on how to promote a similar process in humans."

Nerve cells in the brain have a cell body and a nerve fiber that descends to connect with other nerve cells in the spinal cord. It is known that groups of brain nerve cells cut off from the spine generally grow back, but the action of individual nerve cells is still a mystery.

After a nerve fiber has been cut, McClellan wants to learn whether it grows back to the same level of the spinal cord, whether it grows in the same part of the spinal cord, and whether it reconnects with the same spinal nerve cell.

"Our preliminary data indicate that the distance fibers from the brain nerve cells grow into the spinal cord, and the area in which they regenerate are similar to that in normal animals. But we haven't proven whether they link up with the same spinal nerve cells again," McClellan says.

"It's encouraging in some ways from a clinical point of view, because it means you probably wouldn't have to completely redo the nerve connections to achieve recovery—you may not have to rewire the system exactly to get some return of function."

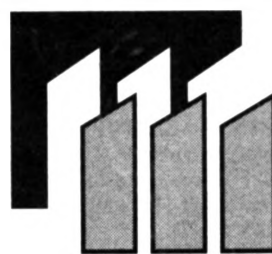
The lamprey is being studied because its nervous system has far fewer nerve cells than other animals, and its nerve cells are large enough to be seen individually under a dissecting microscope. The MU research involves techniques such as intracellular and extracellular amplifiers to record electrical activity within the nervous system, tracer substances such as horseradish peroxidase to follow nerve fibers within the system, and neurotransmitter chemicals that excite or inhibit nerve cells.

The work is sponsored by a \$250,000 grant from the National Institutes of Health and a \$30,000 grant from the American Paralysis Association. McClellan's preliminary

findings have been accepted for publication by the *Journal of Experimental Zoology*, and two other papers dealing with research were published in the journal *Neuroscience* in 1990.

Neurologists suspect there are recognition molecules on nerve cells that provide a map that guides growing axons to their targets, knowledge that has led to the embryonic transplant approach in which a section

of embryonic spinal cord is grafted onto an adult spinal cord. Another approach has been to develop man-made prosthetic devices that bypass the breach in the spinal cord and pass signals to muscles.



MIZZOU  
CREDIT  
UNION®

## Members Only

# SAME DAY DECISION

## On Your Vehicle Loan

### Or Your Credit Union Will Pay You!\*

- ❖ applications received before 2:00 p.m.  
*decision SAME DAY*
- ❖ applications received after 2:00 p.m.  
*decision NEXT DAY*

## OR YOU'LL RECEIVE

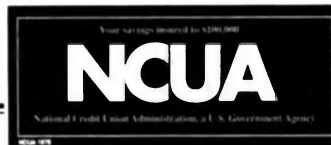
### a \$20 gift certificate from



CONVENIENCE STORES

\*Applies to vehicle (auto/truck) loans only.

874-1477



(800) 451-1477

# 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.