

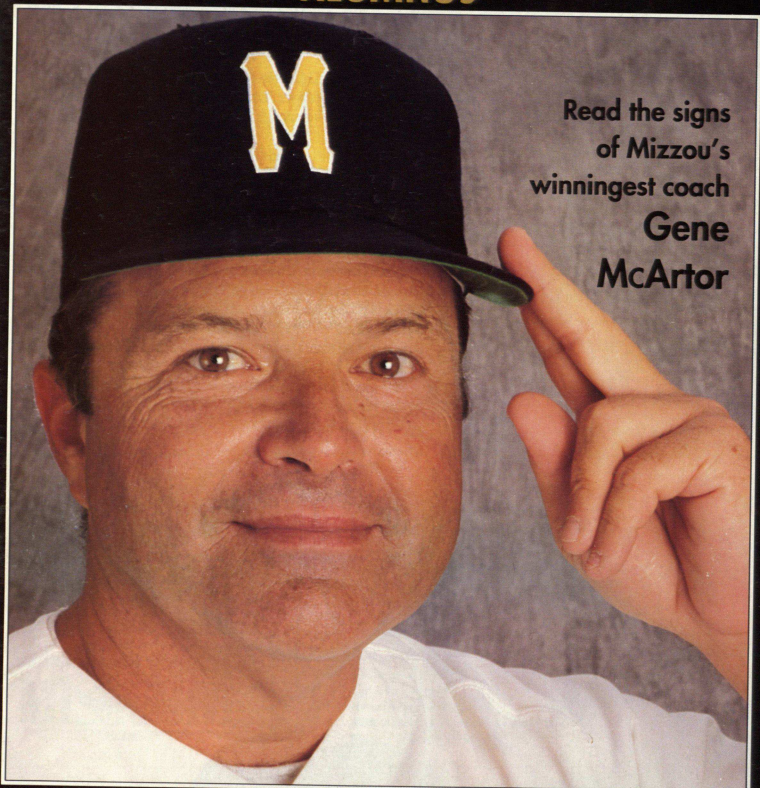
MISSOURI

Fall 1991

ALUMNUS

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Read the signs
of Mizzou's
winningest coach
**Gene
McArtor**

This Rusk graduate put the pieces of her life back together.

As a 17-year-old student at Harrisburg High School, Penny Lorenz Bailey was a cheerleader, ran track, played softball and loved to water ski. She was a typical teenager.



But her life changed in December 1982, when an automobile crash left her paralyzed from the waist down. "Because I didn't have my seat belt on," Penny explains, "I was thrown through the windshield and broke my back completely in half."

She spent the Christmas holidays in intensive care and on New Year's day began a two-month recovery at Rusk Rehabilitation Center. There she learned to adjust to her injury and acquire skills that would allow her to live independently. "Rusk taught me to focus on the things that I could still do," says Penny, "how to get out in the community, do things for myself, shop and live on my own."

At Rusk, Penny found a team of skilled professionals — specialists equipped to handle spinal cord injuries, head injuries, stroke and arthritis patients. "From the physicians to the nurses to the therapists on staff, the care was excellent," adds Penny. "The Staff for Life came to know everything about me — my needs, my cares and my wants."

Rusk is mid-Missouri's only rehabilitation hospital — nationally accredited for its inpatient and outpatient programs. Only Rusk had the specialized resources Penny Bailey needed to put the pieces of her life back together. "Now I'm a totally independent person." This graduate can't imagine life without Rusk Rehabilitation Center.



Roye Lane, R.N.
Rehabilitation Nurse



Kitty Peer, O.T.
Occupational Therapist



Robert Conway, M.D.
Physical Medicine &
Rehabilitation



**Rusk Rehabilitation
Center**

The Staff for Life

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By Terry Jordan

Mizzou's winningest coach, Gene McArtor, is a gem on and off the field.

EDITOR'S NOTES

At the start of its 80th year, the *Missouri Alumnus* magazine announces its belief in the three Rs. Not the classic reading, 'riting and 'rithmetic, but reduce, re-use and recycle. At magazine headquarters, we've begun an internal paper recycling drive. All of our mixed, recyclable paper is collected at several recycling bins in the office. Our newspapers get carried home to recycle through the city's recycling program. Our correspondence is printed on recycled company letterhead. For visitors to our office, coffee is offered in ceramic mugs, not Styrofoam cups.

But that's not all. At our spring advisory board meeting, the communications committee unanimously endorsed that *Missouri Alumnus* switch to recycled paper. It's clear from my mail that some of you are environmentalists and support the concept of making paper from paper, not trees.

Such choices are not made without tradeoffs. Recycled paper, in general, isn't as white as virgin paper. Glitches, what I call ecology spots, are prevalent. Ink dots that make up photos have a tendency to spread or bleed, causing some pictures to appear muddy. As recently as six months ago, coated recycled paper cost 10 percent more than non-recycled grades.

Given tight budgets, that last item could've nixed the whole idea. But dogged research by a staff member, Nancy Daniel, turned up recycled text and cover papers that offered good reproduction possibilities. The inside pages are printed on 45-pound REC Gloss and the cover pages are printed on 80-pound American Eagle Web Gloss PC. Both papers contain 10 percent post-consumer waste. Our printer, Clark Printing Co. in North Kansas City, Mo., worked with its paper suppliers, Westvaco and Repap, to offer prices comparable to the prices of virgin paper we had been using.

With this issue, we're also switching to soy ink. Although not totally degradable because of the pigment components, soy ink is more environmentally friendly because soybean oil, the same that's used for cooking, replaces the petroleum in conventional ink. It's cost competitive, the colors are vivid and there's less rub off on readers' hands. Volatile organic compounds make up 25 percent to 40 percent of petroleum-based inks. But inks made from soybean oil contain less than 10 percent volatile organic compounds. The result is a safer work environment for printers and greatly reduced harmful emissions in the atmosphere. Besides, we support producers of Made-in-Missouri soybeans, the state's No. 1 cash crop.

By making the switch to recycled paper with this issue, *Missouri Alumnus*, a 68-page quarterly with a 118,000 press run, is saving 7.2 cubic yards of landfill. That's positive, since an estimated 80 percent of landfills are expected to close in the next 20 years.

I invite your comments.

Your magazine is the first four-color alumni magazine in the Big Eight to switch to recycled paper. Thinking green, or being concerned about the environment, is a hot topic. Another hot topic on the agenda is increased funding for elementary, secondary and higher education.

Our coverage on Proposition B continues. In this issue, learn what increased funding for education has meant to other states, and how passage of the Nov. 5 referendum would help MU.

The most important thing alumni in Missouri can do right now is to register to vote, and make sure other friends of education are registered. Oct. 16 is the deadline to vote in the November election.

Just as we need to save the environment for our children, so we need to ensure the future of their education. Let's show them that children are a high priority in Missouri. — *Karen Worley*

Reunion at the press

Here's a photo taken recently of two J-School grads who are now publishers in Philadelphia. Mary Hus, BJ '76, is publisher of the *Philadelphia Business Journal*, and I'm a regional publisher with McGraw-Hill. Not only are we connected by our titles, the city we work in and our academic backgrounds, but we're also native St. Louisans. Mary and I worked together at the *St. Louis Business Journal* about 10 years ago before we went our separate ways. She was circulation manager and I was an ad representative. So it came as quite a coincidence, and a pleasant surprise, to run into each other at a recent function commemorating the 200th anniversary of the death of Benjamin Franklin.

Keep up the good work. We both look forward to receiving the *Alumnus* and, in our professional opinions, find it to be a great looking and well-written publication.

Jim Fryer, BJ '78
Philadelphia, Pa.

Second generation of MU family

The item about William Cornelius in the story about MU CEOs on Page 14 of the spring issue stated that his wife is Mary Virginia, BS Ed '52. Mrs. Cornelius also is the daughter of MU's legendary athlete and staff member Herb Bunker, AB '23, EdD '43.

Margaret N. Martin, AB '53
Columbia

Curators need Missouri degrees

I am wondering how many graduates of MU are concerned that two out of the three newly appointed members of the Board of Curators are not graduates of the University of Missouri System. Certainly there is no requirement that they be or is there any suggestion by me that the persons appointed are not qualified. But it does concern me that apparently the governor prefers to appoint people who do not have the intimate knowledge of the University System that comes with having attended school on one of its campuses. One can



Journalism graduates Mary Huss and Jim Fryer reunite at an event commemorating Benjamin Franklin. They are standing next to one of the first printing presses in the United States, which was run by Franklin's nephew, Benjamin Franklin Bach, in the office the Franklins' used while printing *The Advertiser*.

only assume that the reasons are either that he does not find competent University of Missouri graduates to appoint, or that he chooses to appoint other people for political or personal reasons. I have a strong feeling that members of the Board of Curators should be graduates of the institutions that they serve.

James Millan, AB '53, JD '55
Bowling Green, Mo.

Alumnus unhappy with Mizzou's product

MU always solicits very strong feelings from within those who were fortunate enough to have attended school there.

Every six months or so, representatives from the University call or write to request donations to support the various colleges and programs of the school. Unfortunately, I have had to turn down these requests, and I am sorry to say it is because of several examples of the current "product" being put out by Mizzou.

An example of what I am referring to would be any recent editorial from the *Maneater*. Without even seeing it, I would predict that it has taken the liberal, anti-establishment point of view on whatever topic it addressed. It did when I was a student there; it did when I read the latest issue when I returned to visit campus; and I'm confident it did in the last issue.

While I understand the University's desire to have adequate funding from the state and from students and alumni, I would think that these entities should not be asked to support the wasting of those funds. When what few examples

of Mizzou's product that do come to the attention of the public have such a negative taste to them, I really see no alternative but to continue to refuse to help fund it.

Michael A. Ruxlow, AB '74
Miami, Fla.

Responsibility lies with the consumer

Regarding the letter in the summer 1991 issue about Jerry Ritter and Anheuser-Busch, I feel compelled to respond. I was a contemporary marketing representative for Anheuser-Busch on the MU Campus in the 1986-87 school year. I am currently employed in sales in an unrelated consumer products company.

Anheuser-Busch utilizes the same themes in advertising that thousands of other companies use; it did not invent them. Sports, sex and socializing, to mention a few, sell everything from cars to clothes to cosmetics. These types of themes seem to consist of a lifestyle that the target markets desire.

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Alumni, call now for special rates (314) 474-1408

The Missouri Soybean Merchandising Council and the University of Missouri: working together for a brighter future in agriculture.

Each year, the Soybean Merchandising Council invests thousands of dollars in research at the University to make soybean farming more profitable.

MSMC's dedication to Missouri soybean producers is evident. In the last four years, the Council granted over one million dollars of farmer checkoff funds to the University for research projects.

This cooperation will continue as the Missouri Soybean Merchandising Council and the University work to find new markets for soybeans, decrease production costs, expand current markets and increase soybean profitability.

For more information on how the MSMC helps soybean farmers' profits, call 800-662-3261.

I do not disagree that alcoholism is a problem. I do, however, want people to know that Anheuser-Busch focuses on responsible drinking programs such as "Know When To Say When." Frankly, 75 percent of my time as a marketing representative consisted of presentations to dormitories, fraternities and sororities on responsible drinking.

It is apparent that Anheuser-Busch promotes products for profit; most companies do. But Anheuser-Busch in my eyes does not promote alcoholism. Like any other addiction, the individual involved must know when to say when. **Candy Clark, BS BA '87**
Norwalk, Conn.

War coverage questioned

I don't know how insular most Missourians are, but I am sure that a number of alumni must have been disappointed by the slavish coverage of the recent Gulf war.

That two-star ex-BJ was probably one of the people who kept Americans from finding out what really happened during that sorry spectacle. Like what? Like turning on another U.S. puppet like Noriega whom we supported, fooling the people about the strength of the Iraqis. Their army was like ours in Vietnam. The generals wanted to win; the troops didn't want to fight.

The Pentagon's managing of the war also glorified the military with all the yellow ribbons and the "we're No. 1" mentality of the Vietnam days. Six months later, what is the result?

The region is in much worse shape than it was before. Hussein is still there, the Israelis still hate us, and we are still supporting some of the most repressive governments on earth.

The Pentagon is secretly spending \$15 billion on a Stealth missile, and only one out of eight public school students in this country is up to speed in math. That is why we have smart bombs and dumb kids. Another bit of news we now know. Seventy percent of those smart bombs missed. That's how we killed more than 100,000 Iraqi civilians.

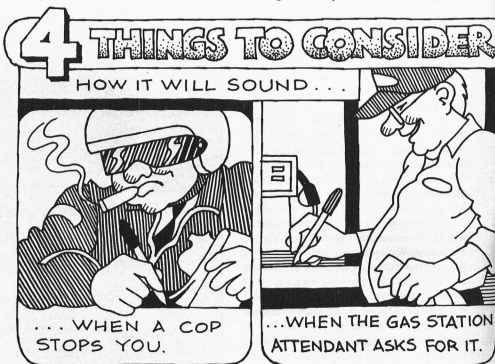
Once again, I am suprised at one-sided coverage from my *Missouri Alumnus*.

David B. Zoellner, BJ '55
Evanston, Ill.

Editor's note: The alumnus referred to is Maj. Gen. Burton Moore, BJ '63, featured in an advertisement on Page 39 of the spring issue.

MU retirees not recognized

I have read with much interest the summer issue of the *Alumnus* magazine. Among other important news items, I



find recognition of the Kemper awardees on Page 10, faculty awards on Page 33, new emeritus professors on Page 34, teaching awards in the College of Agriculture, Food and Natural Resources on page 37, and alumni awards on Pages 37, 38-40.

Nowhere can I find mention of the retiree awards that were presented April 16. Winning those awards were Dr. Veralee Hardin, M Ed '57, EdD '64, professor emeritus of education, and Jerome and Marie Mason. Jerome retired as head janitor at Johnston and Wolpers halls in 1984, and Marie retired in 1982 as a maid.

A continuing task of my committee is to remind Campus people that faculty and staff do not evaporate when they retire.

Robert S. Daniel
professor emeritus of psychology
Chairman of the Chancellor's Advisory Committee on Retired Faculty and Staff
Columbia

New Tiger lacks character

As a graduate of MU's medical internship and residency programs, I am delighted to enclose my check for \$25 as a scholarship donation for a MU personalized license plate.

However, I am flabbergasted at the silly cartoon version of the famed MU

Tiger, and then to cover it up with a shield with the unneeded MU since the full name is at bottom of the plate. Why can't we have *our* tiger back? Even if this cartoon critter has any present recognition factor on Campus, for us alumni with the dollars needed to pay for these vanity plates, we remember a different breed of tiger cat.

William Quick
Kansas City

Cousin seeks friends of Mizzou graduate

I am trying to locate someone who knew my cousin, Robert Moore Williams. He was a 1931 graduate of the School of Journalism. While at the University he was on the tennis team and was a member of Sigma Phi Sigma fraternity. After graduation he published many science-fiction stories.

I would be pleased to hear from anyone who was acquainted with him.

Donald W. McGraw
P.O. Box 265
Glendale, S.C. 29346

The *Missouri Alumnus* welcomes letters from alumni and friends. Please keep letters under 250 words. We reserve the right to edit for length.

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Beyond MISSOURI

By MARTY OETTING

Taxpayers in Tennessee and North Carolina have found that investing in education pays off in a well-trained workforce that attracts economic development.

Every Saturn automobile that rolls out of the Spring Hill, Tenn., assembly plant is testament to the important role education plays in a state's economic well-being.

A program designed to strengthen education in that state was just under way in the early 1980s as General Motors began looking for a Midwest location to build a plant to produce the company's revolutionary new cars. Missouri was among the finalists, but GM chose Tennessee.

"Education was one of the main issues Saturn was considering," says Bob Parsons, assistant commissioner of marketing for the Tennessee Department of Economic and Community Development, which helped bring Saturn to Tennessee. "In fact, when we met with the location personnel, education was the very first topic they wanted to discuss."

Fortunately for Tennessee, the state had just enacted the Better Schools and Better Teachers programs designed to provide more money for education. The state knew its educational standards were not up

to national averages, so the legislature and the people had committed to a major investment to make improvements.

Meanwhile, Missouri scrambled to entice GM into locating the plant in the southwest part of the state by offering Saturn tax breaks and other incentives. "In the end the company picked Tennessee because that state promised to train its workers," says Ed Robb, director of the MU College of Business and Public Administration's Research Center. "We couldn't do that because we didn't have the money. If Proposition B passes, we'll have the seed money to do projects like that."

Today, more than 4,500 Tennessee workers toil to set the wheels of new Saturn automobiles rolling. But the educational improvements under way in Tennessee have set the economic wheels of the state rolling. Spin-off companies and new business startups are on the rise in the state. Since 1981, manufacturing jobs there have increased from just under 13,000 to nearly 20,000. Many of the new jobs involve high technology skills and special training.

"Today it is vastly important to have a well-trained workforce because of the strong competition we are seeing," Parsons says. "The day is done for assembly-line work. We now must be concerned with providing a pool of trained workers."

A long commitment to education has paid similar dividends in North Carolina, where solid state support for higher education has created one of the leading high technology and research centers in the country. The Research Triangle, composed of the University of North Carolina-Chapel Hill, Duke University and North Carolina State University, was developed over the past

25 years to encourage research enterprises to help meet the needs of the state, nation and world. It now is the home for more than 100 small businesses.

"Higher education is viewed by the public and certainly by the business and political leadership as our state's real engine for progress," says William Friday, president emeritus of the University of North Carolina. Friday was instrumental in developing the triangle during his tenure and has since emerged as a national role model for higher education administrators.

North Carolina residents can easily see the benefits of strong education. The Research Triangle alone has attracted more than \$5 billion in plant investments, created 30,000 new jobs and has a current annual payroll in excess of \$1 billion. "We have one of the largest concentrations of technical personnel anywhere," Friday says. "That would never have happened were it not for the strength and quality of these institutions."

Will Proposition B create similar successes in Missouri?

That's impossible to know. But the educational improvements will certainly create an environment for such growth.

"Whatever the economic circumstances, you will be better off as a state if Proposition B passes," says Dennis Jones, a consultant with the North Central Higher Education Management Services of Boulder, Colo. Jones and his associates spent considerable time in Missouri during 1990 as consultants to the Missouri Business and Education Partnership Commission, a group of business and legislative leaders appointed by the governor to study the business and edu-

Proposition

B

Requires greater accountability for education spending, including reports to taxpayers on school performance. Establishes a special fund earmarked for elementary, secondary and higher education reform, including smaller classes, job training, student aid and college improvements, with additional tax revenues. Additional \$385 million generated, would be spent on schools, job training and colleges. Increases corporate, tobacco and sales taxes. Provides tax relief for families with dependents. Eliminates some deductions for upper-income individual taxpayers.

cation needs of the state. The commission released a report which eventually led to legislation and Proposition B. "Missouri industry is characterized as being very paternal, very oldline," Jones says.

And those in the current corporate and industrial climate are sending warning signals that the quality of the Missouri work force could be improved.

"When we met with employers, they generally felt the Missouri students they hired were well qualified in their trained area," Jones says. "The problem is they are not as adept in communicating, in working with groups and with problem solving. These are the skills companies are looking for as they strive to compete in the changing global marketplace."

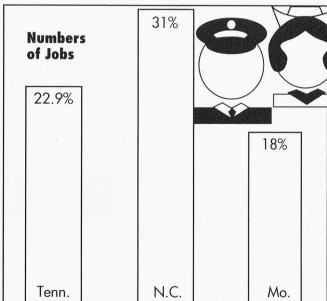
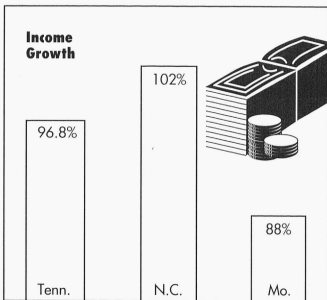
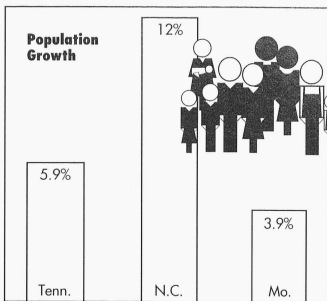
High-technology employers such as Monsanto and McDonnell-Douglas currently look out of state to find many of these highly skilled workers. And economic hard times have resulted in many assembly line workers being laid off. Proposition B will provide programs and funding needed to help displaced workers become retrained in a related field.

Jones, Robb and others are quick to caution that Proposition B will not necessarily create new jobs in Missouri. "We won't go that far," says MU's Robb. "But let's just say if it doesn't pass we will certainly lose jobs."

Missouri is not alone as a state facing education cutbacks in recent years.

The economic recession of the past year has forced state colleges and universities to look toward students to make up the difference. At least 45 states will be increasing tuition this year; 11 of them at double-digit rates. For example:

- New York is facing a \$6 billion deficit and is cutting expenditures in all areas, including education. "We've gone downhill in a hurry," says Lois DeFleur, president of the State University of New York at Binghamton and former provost at MU. The state will increase tuition 59 percent in the fall, the largest increase in the nation.
- In Minnesota, the University of Minnesota's board of regents has approved a massive reallocation



These charts reflect the percentage change from 1979 to 1989. States like Tennessee and North Carolina, which have made substantial investments in education over the past decade, show greater increases in population, personal income and number of new jobs.

plan that involves closing one campus, scaling back central administration and reallocating nearly \$37 million to strengthen needed programs.

- Connecticut is imposing a 29% tuition increase in the fall.
- Rhode Island is cutting faculty salaries and increasing tuition 22.5 percent.
- California will be losing 636 faculty to early retirement in the coming year and will increase tuition 20 percent.
- Florida, Kansas, Massachusetts and other states are resorting to double-digit tuition hikes and other cutbacks to make ends meet.

Missouri has been facing modest increases in higher education spending tempered by withholdings over the past decade. Higher education in the state will have essentially the same amount to spend this year as last year. The percentage of the University's budget that comes from the state has actually decreased 10 percent since 1980. Proposition B provides hope for a change in the future.

With higher education, these are the critical challenges: deferred maintenance and repair of buildings and classrooms; outdated computer and laboratory equipment; inadequate funding to retain and recruit outstanding faculty; a lack of sufficient funds to provide for scholarships and financial aid to those who qualify; inadequate funding for community col-

leges and vocational-technical programs; and particularly at MU, a lack of necessary funding to allow the state's premier public research university to reach its full potential.

Many of these same problems faced the North Carolinas and Tennessees of the past. And many states have made commitments to improve education with positive results.

North Carolina has always been a state committed to education, according to Gary Barnes, associate vice president for planning at the University of North Carolina. "The results of adequate funding here include new jobs, better jobs for those here, and a well-trained work force for corporations that otherwise might be lured away for better trained workforces in other states," Barnes says. "The real benefit to funding has been our ability to provide a good environment for recruiting high-tech industry."

And although North Carolina will resort to tuition increases this year to help offset tight state revenues, it prides itself in maintaining a position in the top 20 percent of all states in salaries.

Like Missouri, Tennessee has had the unenviable reputation of being toward the bottom in state spending on education, but it has made improvements.

"There's no great glory in being average, unless you've been at the bottom," laments Paul Messplay, director of higher education budgeting

for the Tennessee Higher Education Commission. In many respects the state mirrored Missouri a decade ago, when a renewed commitment led to improvements in elementary, secondary and higher education.

The funding improvements are the result of legislation enacted in the early part of the decade to provide funding through a special formula for higher education.

"We finally reached full funding four years ago, and it has contributed significantly to how well off we are," Messplay says.

The Better Schools Program that helped lure Saturn provided "excellence initiatives" for higher education so the state could appropriate funds matched by private donations to attract quality faculty.

"We've been able to go after the top researchers and faculty this way," Messplay says. "And we also have money for centers of excellence which helps us highlight what we do best with incentive money." The state has been successful in developing a "science alliance" program at the University of Tennessee at Knoxville, the Oak Ridge Laboratory, and engineering programs at Tennessee Tech.

Tennessee is now making research funding a priority item. "As a state, our commitment to education has definitely improved," Messplay says. "We're now recognized as a state with quality higher education. That has helped us maintain the momentum in recent years."

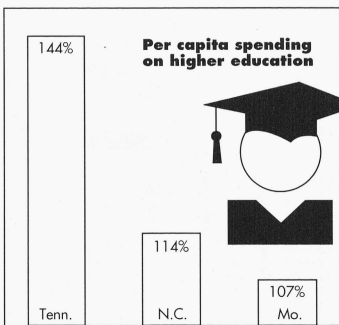
Proposition B, on which Missourians will vote Nov. 5, includes funding for research, academic programs, scholarships, and building repair and maintenance.

"What you have in Missouri looks to be a very good plan," William Friday says. "You cannot hold out any hope for achievement without making education a real priority."

Dennis Jones agrees that Proposition B will help put Missouri on the right track toward the 21st Century.

"There are many external factors, but you will be more competitive, and you will be creating an environment for enterprises that depend on education," Jones says. "You will be provided the fuel for economic development. Will you strike the match? I don't know, but you will certainly be creating an environment in which good things are likely to happen." ☐

**From 1979 to 1989
Tennessee and
North Carolina
increased spending
by 144 percent and
114 percent,
respectively.
Missouri, by
contrast, increased
its spending by 107
percent.**



1	Alaska	\$345
2	Hawaii	\$268
3	Wyoming	\$254
4	Minnesota	\$236
5	North Carolina	\$226
6	New Mexico	\$220
7	Alabama	\$211
8	California	\$210
9	Nebraska	\$204
10	Iowa	\$203
11	North Dakota	\$197
12	Maryland	\$189
13	South Carolina	\$184
14	Kansas	\$183
15	Delaware	\$182
16	Idaho	\$181
17	Virginia	\$177
18	Washington	\$176
19	New York	\$175
20	Utah	\$173
21	Wisconsin	\$173
22	Arizona	\$173
23	Mississippi	\$169
24	Kentucky	\$163
25	Michigan	\$160
26	Maine	\$160
27	Oklahoma	\$158
28	Indiana	\$157
29	Colorado	\$156
30	Texas	\$152
31	Tennessee	\$151
32	Connecticut	\$150
33	Georgia	\$149
34	Oregon	\$149
35	Illinois	\$148
36	Nevada	\$147
37	Montana	\$145
38	West Virginia	\$141
39	Rhode Island	\$141
40	Ohio	\$139
41	New Jersey	\$136
42	Louisiana	\$134
43	Arkansas	\$133
44	Florida	\$129
45	South Dakota	\$128
46	MISSOURI	\$124
47	Pennsylvania	\$118
48	Massachusetts	\$118
49	Vermont	\$106
50	New Hampshire	\$ 66

Missouri, which now ranks 46 in the nation in per person spending on higher education, would move up to 17 if voters approve Proposition B Nov. 5. The amount spent would increase from \$124 to \$180.

Benefits for MISSOURI and MU

By TERRY JORDAN

Dr. Henry Liu, MU professor of Engineering, is developing a plan to light the way for Missouri. His new project would compress low-sulfur Wyoming coal into logs and ship it by pipeline to Missouri, where utilities would convert the fuel into heat and electricity for homes and businesses.

College of Engineering officials hope the plan will lead to similar projects. In addition to saving millions of dollars in fuel transportation costs — which in turn reduces customers' utility bills — the program would help the environment, as low-sulfur coal reduces power plant emissions. With its own research center on Campus, the project has attracted a consortium of eight companies that are contributing grant money.

"This has all the elements of a top-notch research project: creativity,

economic development, praise from government, support from business," says Dr. Anthony Hines, dean of engineering. "We'd like to do something similar in the areas of hazardous waste management and manufacturing. The need is there."

It all costs money, however. By cutting here and there, the college has been able to contribute about \$100,000 to Liu's project over the past five years. "That seed money is necessary to draw the outside grants," Hines says. "But you can do only so much with limited funds."

Although Missouri ranks 46th in the country in per person support of higher education, MU faculty make the most of the dollars they receive. Dr. Sam Anand, professor of agronomy, has developed a line of soybeans resistant to the cyst nematode, a worm that feeds on plants and costs Missouri farmers more than \$50 million a year. Officials at the MU Research Reactor are studying ways to use radioisotopes to treat arthritis and various types of cancer. Dr. Richard Finkelstein, professor and chairman of molecular microbiology and immunology, has developed a candidate vaccine for cholera that would protect people and animals.

"The state enjoys a remarkable return on its investment in MU," says Provost Dr. Gerald Brouder.

But there are problems. Researchers are running out of room; in Finkelstein's department, for instance, scientific equipment lines the hallways because there is no place to put it. The money crunch limits the number of classes that the University can offer in basic required courses. "Some of our students have to wait a year or more to take required classes such as speech, and that can delay their graduation date," Hines says.

MU loses many top teachers and researchers because of its inability to keep pace with nationally competitive faculty salaries. Since 1988, Dr. Louis Sherman, professor of biological sciences, resigned to take a position at Purdue University; Dr. Richard Petty, professor of psychology, was lured to Ohio State; and Dr. Paul Agris, professor of biological sciences, went to North Carolina State. All were offered substantial increases in salary. "Each professor had more than \$100,000 in grant money, which, of course, they took with them," says Dr. Michael O'Brien, associate dean of arts and science. "And those are only three stories. There are dozens

more."

That's where Proposition B comes in. Should voters approve the measure on Nov. 5, MU stands to gain as much as \$50 million by 1993. "It would allow us to improve our quality as Missouri's premier public research university — one in which undergraduates receive a unique education because they work with scientists and humanists pushing the frontiers of knowledge," Brouder says.

Proposition B would help MU in a number of ways, from providing minority scholarships and research grants to allocating funds for building repair and renovation. Here's a closer look at what the bill would provide annually for higher education statewide:

•**Program improvements and mission refinement, \$105.2 million.**

This money would be used for salaries, equipment, grant seed money, physical expansion and financial incentives to attract new faculty.

This category also could create centers of excellence, similar to MU's current eminence programs in journalism, molecular biology and Food for the 21st Century. Dr. Judson Sheridan, vice provost for research, says the bill suggests that MU establish a center to address teacher education, educational research and education policy. The University would be able to identify other areas for special funding as well. "In addition to the current eminence areas, we may want to look at the research reactor, engineering and cardiovascular science," Sheridan adds. "They hold great promise for the future."

•**Building and equipment maintenance and repair, \$13 million to \$48 million.** The University, which has \$54 million in deferred maintenance needs, could benefit greatly from this category. The dollar amount would be determined by the General Assembly, and up to \$35 million could come from the sale of bonds. Sheridan points out that some of the work may be expansions and renovations. "It could increase our research space, which is sorely needed," he adds.

•**Competitive research grants, \$11.2 million.** This would expand the

The impact of **B** on a family of four

Adjusted gross income	\$30,000	\$60,000	\$100,000	\$200,000
Estimated annual payment for 3/8-cent sales tax	\$34	\$52	\$73	\$77
Effect of changing exemption deduction to \$800	(-\$48)	(-\$48)	(-\$48)	(-\$48)
Effect of limiting federal income tax deduction to \$15,000	\$0	\$0	\$592	\$2,598
Combined impact of sales and income tax	(-\$14)	\$4	\$616	\$2,627

Source: Dr. David A. Leuthold, MU professor of political science

Missouri Research Assistance Act, which currently provides about \$800,000 annually for projects to help the state's economic development. MU and Washington University of St. Louis, the two top research universities in Missouri, most likely will receive the bulk of this money.

•**University Extension, \$1 million.** This would provide funding for programs that meet local and regional needs.

It is not yet clear how MU would benefit in the areas of performance-based funding, \$11.5 million, and minority scholarships, \$5 million. "But particularly in regard to scholarships, our campuses certainly hope to receive their fair share," says Dr. Mark Burkholder, associate vice president for academic affairs for the University of Missouri System. Only two funding areas appear to be outside Mizzou's range: \$21.8 million for community college expansion, and \$21.1 million for the Missouri Student Grant Program, designed to help students at private institutions.

Higher education funding is only one part of Proposition B. An equal amount, \$190 million, would be used to bolster elementary and secondary education. Allocations under this portion include: \$150 million in general support to local school districts; \$15.3 million to reduce class size by hiring additional teachers; \$8 million to help low-income students and those with disabilities; \$5.7 million to bolster vocational education; \$5.7 million to expand the Parents as Teachers program (see story on Page 16), and an additional \$1.1 million to extend it into the elementary-school years; and \$4 million to improve programs under the Excellence in Education Act.

The third portion of the package would appropriate \$5 million for job development and training. This money could be used, for example, to teach the needed technology to workers of a company that planned to locate in Missouri.

Reforms would accompany the money. The school year in elementary and secondary schools gradually would be lengthened from the current 174 days to 180 days. College graduates with degrees other than education would be allowed to teach, provided they meet other require-

ments. Public schools would be required to disclose graduation rates, student-teacher ratios and test scores, and parents could shop around in their district and enroll their children in the school of their choice.

Reform also will be a part of the higher education component. Colleges and universities will work with the Coordinating Board for Higher Education to refine their missions and, if needed, to develop new programs or scale back underused ones. Educational assessment is another issue, as Proposition B sets standards for student achievement and establishes measures of student and institutional performance.

Brouder reports that a campuswide committee has completed and sent to the UM System the 1991 version of MU's long-range plan, which puts a new emphasis on graduate and professional education, as well as research. "These goals are in line with the needs and demands of the state," he adds. On the matter of assessment, the Board of Curators in May ordered all UM System campuses to begin using the College BASE test, developed at Mizzou and administered at colleges and universities across the country, to evaluate student and program performance. Chancellor Haskell Monroe notes that past assessment measures have shown MU students to score above the national average in most areas, particularly engineering, nursing and health-related professions. The University also boasts the highest retention rate of any public institution in the state; the latest figures show that 81 percent of MU freshmen return for their sophomore year.

But perhaps the most impressive testimonials come from the people who buy MU's ultimate product: that is, employers who hire alumni. "We've been extremely pleased with our Mizzou graduates," says Dave Janicke, corporate recruiting manager for Southwestern Bell Corp. in St. Louis. The company has hired a number of MU engineering and business graduates to fill positions in management, technical and customer services areas. "They're well-rounded and involved," Janicke adds. "They've been exposed to a wide variety of people and cultures. They're among our very best employees." 

Becoming aware

The campaign to pass Proposition B will begin in earnest after Labor Day, with a coalition of business people, elected officials and educators guiding the effort.

The group known as Missourians for Quality Education is being led by Gov. John Ashcroft, Senate President Pro-Tem James L. Mathewson, D-Sedalia, and House Speaker Bob Griffin, BS BA '57, JD '59, D-Cameron. Co-chairmen of the campaign cabinet are Henry Bloch, chairman of H&R Block in Kansas City; Richard Mahoney, chairman of Monsanto in St. Louis; and Sam Cook, Arts '44, chairman of Central Bank in Jefferson City and a member of the UM System Board of Curators.

Mizzou constituent groups are prepared to assist MQE in the campaign effort. Dick Moore, AB '54, JD '56, of St. Louis, president of the MU Alumni Association, notes that a video, "MU for Missouri's Future," is available to alumni chapters, service clubs and other groups. To obtain a copy, call (314) 882-1989.

Alumni leaders throughout Missouri will be contacted to enlist support, says Joe Moseley, AB '71, JD '76, of Columbia, chairman of LINC, the Association's legislative information network committee. "Our alumni form a sizable block in Missouri," Moseley says. "If we all get out and vote for this, it will pass." You can register to vote at your county clerk's office through Oct. 16.

One goal of the campaign will be to enlist support from professional organizations. Another will be to clear misconceptions. Unlike funds raised by the Missouri lottery, Proposition B money will go into a special trust that can be used only for education. "The lottery money never was designated only for education, although that idea had been proposed at one point," Ashcroft says.

Some have expressed concern about the absence of a public school foundation formula in the package. But Ashcroft notes there is a clause guaranteeing that no school district will lose money from the measure. "The legislature will work on the foundation formula this winter," he says. "And the money cannot be distributed until we have the right formula."

Proposition B's chances look good at this point, says Dr. David Leuthold, MU professor of political science. "There is solid non-partisan support," he says. "No organized opposition has formed. It's interesting to note that three-fourths of all statewide tax and bond proposals have passed since 1955, and the public traditionally has looked favorably on education issues.

"Certainly, we can expect some support to decline as the campaign progresses; that happens in every campaign. But if Missourians don't vote for this, I'm not sure what they would vote for."

College

“We lead the country in hospital beds and arrested athletes. Why not trees?” — writes **George Kennedy**, BJ '64, PhD '78, in “Ode to Asphalt,” his editor’s note July 9 about deforestation and land development in Columbia. Kennedy is managing editor of the *Columbia Missourian*.



Dr. Bob Marshall serves up a scoop of Tiger Stripe ice cream at Buck’s.

The Buck stripes here

There’s a new reason to be sweet on MU, thanks to Buck’s Ice Cream Place.

On April 19, Buck’s food scien-

tists introduced their palate-pleasing homage dubbed “Tiger Stripe” to the national board members of the MU Alumni Association. They were some of the first to sample this new flavor, a combination of French vanilla with swirls of dark cocoa stripes.

“Tiger Stripe is rich, flavorful and satisfying. And if you’re watching your weight, you might not want that second cone,” says Dr. Bob Marshall, professor of food science and human nutrition. It was Marshall’s idea to create the flavor to “put Tiger spirit in the ice cream store.”

The flavor, which took three months to develop, was featured at the Scoops of Fun ice-cream-tasting event June 8 and 9 at Union Station in St. Louis. Buck’s newest fare is to be served at special occasions and can be purchased in Eckles Hall by the half-gallon for \$3.25.



Great Jupiter’s moons! This archaic expression had new meaning for hundreds of stargazers clustered atop the Physics Building.

They observed an astronomical phenomenon occurring about every 275 years — Jupiter, Mars and Venus in a conjunctive orbit.

The event was most dazzling for two weeks, beginning June 17, when the planets formed a triangle, says Chris Shelton, manager of observatory activities.

The shifting of these planets will continue through September. Laws Observatory is open to the public from 9-11 p.m. Fridays.

Trail expands opportunities

In years past, the MKT railroad deposited a steady stream of customers for the general store in the old railroad town of Hartsburg. Now customers are arriving on foot or by bicycle as they travel the Missouri River State Trail, which follows the old MKT roadbed.

In May the Hartsburg store came back to life, when Cindy DeBlauw, BS HE '87, and her husband, David Kelly, BS '88, opened a cafe in the old building. Open on weekends and holidays, the cafe tempts hikers and bikers on the trail as well as local residents with sandwiches, salads and home-baked muffins, cookies and cinnamon rolls.

On June 14, Gov. John Ashcroft announced the Department of Natural Resources will complete the trail from St. Charles to Sedalia by 1994. The 35-mile pilot section from Rocheport to Jefferson City will be extended to Boonville this fall.

Soap Box Derby coasts back

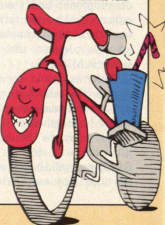


Former derby champion, David Harr, helped his daughter, Melanie, race past the competition.

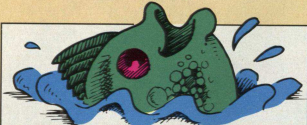
Soap Box Derby cars raced down Broadway June 30 for the first time in almost a quarter century.

The Downtown Optimist Club organized the racers who streaked past the checkered flag at Providence Road and Broadway. Fifteen entrants competed in the double-elimination derby, says David Harr, BS Ag '78, organizer of the event and reigning local champion of the derby, which was last held in Columbia in 1967.

The derby stayed in the family as his daughter, 11-year-old Melanie, coasted to victory.



TOWN '91



Fishing memorial

More than 125 underprivileged and physically disabled kids caught fishing fever, thanks to the family and friends of the late Dr. Leroy Rottmann, BS Ag '48, MA '66. The former professor of agricultural economics at MU was an avid fisherman, and after Rottmann's death May 19, 1990, his wife, Betty Cook Rottmann, BJ '58, decided that nothing would be a more fitting tribute than a fishing clinic for kids. The event was June 15 at Finger Lakes State Park, north of Columbia, and the Missouri Department of Conservation helped out by stocking a one-acre lake with hundreds of sunfish and channel catfish. Just about all the kids caught a fish.

Periodicals premier

Two new magazines are keeping readers informed on what is going on in and around the area.

Golden Digest is published monthly, says marketing director Elise d'Entremont. Her husband, Kenneth, MS '86, is the editor and photographer. The free publication caters to the 50 and older crowd.

Reaching out to a broader audience, is *Mid-Missouri Magazine*. The bi-monthly focuses on people and entertainment in eight counties, says managing editor Ingrid Albers. The premier issue in June featured Chancellor Haskell Monroe's views on leisure and called Ruby Stone, who handles Tiger season tickets, central Missouri's most powerful woman.

International tastes

Three new businesses have added to the cosmopolitan flavor of Columbia.

Pachita's restaurant at 216 S.

Fifth St. serves up authentic Mexican cuisine prepared from old family recipes. Pachita's is open for lunch now and plans to serve evening meals in the future.

Downtown strollers can stop in at Espresso Arno and sip Italian

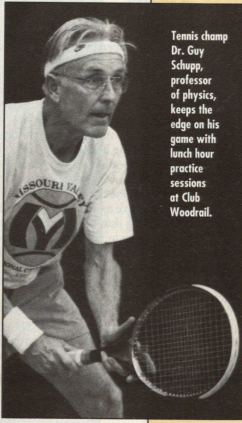
Tennis life begins at 44

In class, Dr. Guy Schupp can explain to his students the laws of physics that are applicable to a tennis game. Outside of class, Schupp can demonstrate those principles to his opponents as an ace tennis player.

Schupp first entered the Missouri Valley Tennis Association's tournament in Kansas City at age 44, in order to practice for the 45-and-up category the following year. But Schupp did more than gain experience—he won the tournament.

Several titles, national rankings and more than 100 trophies later, the 57-year-old professor is currently ranked No. 2 in the state for 55-and-over players.

As far as the importance of winning, Schupp says "Once you get to be age 45 and up, anyone who gets out on the court is a winner."



Tennis champ Dr. Guy Schupp, professor of physics, keeps the edge on his game with lunch hour practice sessions at Club Woodrail.

Party plugs downtown

Carriage rides highlighted the Central Columbia Association's Twilight Festival on Thursday evenings in June to attract shoppers. On street-corners, shoppers could happen upon clowns, a barbershop quartet, classic rock 'n' roll sing-alongs and the Show-Me State Bird. The Blind Boone Highsteppers also stepped up the tempo of the family-oriented evenings.



Horse-drawn carriages carted passengers through downtown on Thursday evenings in June.

A Jump on Life

Story by DEBORAH BEROSSET DIAMOND

Photos by TAMMY SICKAL

No matter how competent and self-confident you think you are, the moment you become a parent something changes. Never mind that you have some fancy-schmancy degree attesting to your smarts. Forget the fact that you've read every book ever written by somebody who wields tongue depressors and teddy bears for a living. There's bound to come a time when your precious progeny will fail to meet your expectations or will venture to do something a little bit, well, . . . weird. And you're going to be too busy dealing with the considerable demands of baby bootcamp to find out what the experts have to say about it.

Here's where the Parents as Teachers program comes in. Imagine you could wave a wand over that stack of child development books gathering dust on your night stand, and up would float a little fairy eager to provide suggestions, reassurance and a sympathetic ear. That's more or less what the state of Missouri has provided to its families with small children, except the fairies don't have wings — instead, almost 1,500 certified parent educators throughout the state pay monthly house calls to about 55,000 families with little ones 3 years old or younger.

The basic idea behind the internationally acclaimed approach is simple: If parents have the information and support they need to do the best job possible as their children's first teachers, those children will have a head start on life. Supporters note that giving so many children a better beginning and detecting problems early on makes for happier youngsters and parents. It also translates into fewer remedial education problems for the school system to accommodate down the road — which means dollars spent on this preventive program make for statewide savings in the long run.

The Kelley family of Independence, Mo., joined the program when Alison, now age 5, was fresh out of the hospital. Vicki Kelley, AB '81, a former high-school English and journalism teacher, heard about PAT in her birthing class and decided she and her husband, Mickey, should give it a try. These days little brother Andy, now almost 3, is the focus of the home visits. After five straight years in the program, the Kelleys are sold on its benefits.

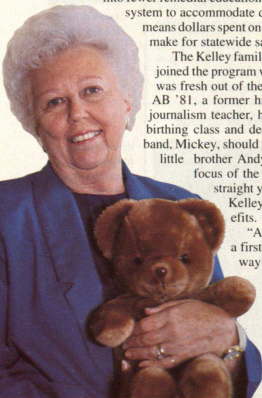
"As a parent, especially as a first-time parent, there's no way you can know everything — or even know where to go to find out," says Vicki Kelley. "Any time I've had a question,



whether it's about thumb-sucking or sibling rivalry or whatever, Diane has gotten me the information I needed. If she can't answer my question on the spot, she gets back to me on it."

Diane Farrington, BS Ed '70, is the parent educator assigned to the Kelley family. At the start of each visit she and the children settle down on the floor of the Kelley's spacious living room, playing and getting reacquainted. "I'll ask Mom what's new, what's been going on since we visited last," Farrington says. "We'll talk about everything from sleep issues to toilet training to discipline — whatever is on her mind."

Farrington moves on to discuss developmental information





For more information on Parents as Teachers, write Parents as Teachers National Center, Marillac Hall, University of Missouri-St. Louis, 8001 Natural Bridge Road, St. Louis, Mo. 63121, or call (314) 553-5738. Missourians can contact local school districts.

Alison Kelley, left, a graduate of the Parents as Teachers program, and her mother, Vicki, AB '81, watch parent educator Diane Farrington, BS Ed '70, work with the youngest member of the Kelley family, 2-year-old Andy.

Mildred Winter, far left, M Ed '68, bears the responsibility for coordinating the more than 1,600 parent educators in Missouri.

pertinent to Andy's age, and gives his mother a list of age-appropriate activities. Then the parent educator pulls some sort of simple toy — often homemade — out of her canvas tote bag and demonstrates how Andy's parents can help him practice a particular skill and have fun at the same time.

"We are more interested in natural learning than academic learning," Farrington says, emphasizing the low-key nature of PAT's approach. "We encourage parents to try to accept their child, to focus on the positive things they appreciate about him or her. When children have good self-esteem, they develop better in all sorts of ways."

Hired by the local school districts, PAT's specially trained parent educators wear several hats: in addition to making home visits, they arrange group meetings for parents and, for children birth to age 5, conduct screening programs to detect possible health problems, handicaps or developmental delays. There's also a referral network that can help locate special services beyond the scope of the program.

PAT services have been offered in all Missouri school districts since 1985, free to families who choose to sign up, says Mildred Winter, M Ed '68, a founder of the program and director of the Parents as Teachers National Center in St. Louis. While the

program has been replicated in 35 other states, Missouri remains on the vanguard, being the only state with a statutory mandate for statewide parent education. PAT has even been exported to Australia, and Winter reports she is now fielding inquiries from England.

There's good reason for reaching out to families of very young children, according to Winter. She notes that a 13-year study of early development by the Harvard University Preschool Project found the degree of a child's competence in basic skills at age 6 can be predicted at age 3, with few exceptions. "Learning occurs far more rapidly in the first three years of life than at any other time," she emphasizes. "And that's when parents are cementing their approaches to child rearing. If we give a child a good foundation in those critical years, it has quite a positive impact on what that child is ultimately going to become."

Winter's claims are backed by numbers. An independent 1991 follow-up study showed that participating children were significantly more advanced than other 3-year-olds in language development, social development, problem solving and other intellectual skills.

What's more, PAT alumni maintain their early edge. A 1989 follow-up study found that the pilot program children in first grade were still ahead, as measured by teacher evaluation and standardized tests. In addition, parents involved in PAT took a far more active role in their children's schooling.

In 1987 the program earned one of 10 prestigious Innovations in State and Local Government Awards from the Ford Foundation and the John F. Kennedy School of Government at Harvard University, and was the only public school program to get the nod for one of the \$100,000 awards. Senator Christopher Bond is so sold on the benefits of PAT, he has introduced widely supported legislation in Washington that would provide seed money to the tune of \$100 million over a five-year period for establishing new PAT programs and the expansion of existing projects.

Winter stresses that PAT is non-targeted, which means people of all income and education levels benefit from the program. "There are lots of well educated people who don't have much background in child development," she says. "We prepare people for every career possible but not parenting. These days many people don't have extended family around, and busy pediatricians may not have time to talk about plain old child development. When you're wondering, 'Do all kids do this? Should I be worried about this?' we're able to say, 'Your child's doing the right thing, and so are you.' We're able to give affirmation."

Winter and Farrington agree that one of a parent educator's most important functions is to reassure parents that their chil-

dren are on track. Several months ago, for example, Vicki Kelley asked Farrington whether she should be concerned that Andy, then about 2, seemed much less willing to sit still for a story than Alison had been at the same age. The parent educator assured her that differences such as this were perfectly acceptable. Continue to get the books out and show great enthusiasm, Farrington advised, and keep reading even when Andy wanders off. Once he's listening, she added, try reading stories several times so that when you start the sentence of a familiar one, he can finish it—a little thing that helps set the stage for later reading.

Today, Andy's mother reports proudly, the youngster is as enthusiastic a story time lapsitter as his older sister. "It makes you feel better to find out these things are normal, especially when they suggest ways to handle it," Kelley says. "Sometimes you just can't figure it out by yourself."

The important thing about the suggestions offered by PAT personnel, says Winter, is that they are just that: suggestions. "Parent educators aren't there to say this is the right way, but to share what we know," she explains. "The parents are the decision-makers, and they decide what to act on. We see our role as being to empower parents, helping them increase the pleasures and reduce the stress of parenting."

Stress resulting from self-generated pressures to be perfect can be the most difficult hurdle of all to overcome admits Kelley, who has learned to ease up on herself a bit. "I had all these preconceptions about being a parent, with such high expectations," she muses. "And then when the baby actually arrives, it's hard to keep up. But I've been influenced by the program, and I think my approach to parenting is better. I still want to be the best parent I can be, but I'm more relaxed about it."

One thing PAT definitely isn't, is an outlet for overachieving, pushy parents, Kelley adds. "I'm not interested in drilling my kids or making them learn three languages before kindergarten," she says. "But these are formative years, and you

don't have to wait until they're in school to help them."

Forget the superbaby stuff, the nightmarish vision of infants being force-fed algebraic formulas instead of mother's milk. You know what Parents as Teachers is really all about? Loving our kids. Relaxing and having fun with them. And because we love them, allowing them to become the vital, inquisitive and glorious human beings they are meant to be. ☐

About the author: Deborah Beronet Diamond, BJ '87, is a free-lance writer in Columbia. Her work has appeared in *The New York Times*, *Ladies' Home Journal*, *Redbook* and *Entrepreneur*.

PROGRAM PROVEN COST EFFECTIVE

Those who consider Missouri tight with the dollar may be surprised to learn its Parents as Teachers is the most successful and cost-effective model for early childhood education in the U.S., says Mildred Winter, director of the Parents as Teachers National Center in St. Louis. But the state isn't able to provide enough funding to service every family wanting to participate.

With the passage of the Early Childhood Development Act in 1984, it became mandatory for each of Missouri's 543 school districts to offer PAT's services. Each district gets an appropriation and is reimbursed by the state on the basis of services delivered. When more parents want to get involved, districts have to either stay within their quota-based appropriation or come up with the extra funds.

Proposition B on Nov. 5 would raise \$5.7 million to extend Missouri's Parents as Teachers program to more families with preschool-age children.

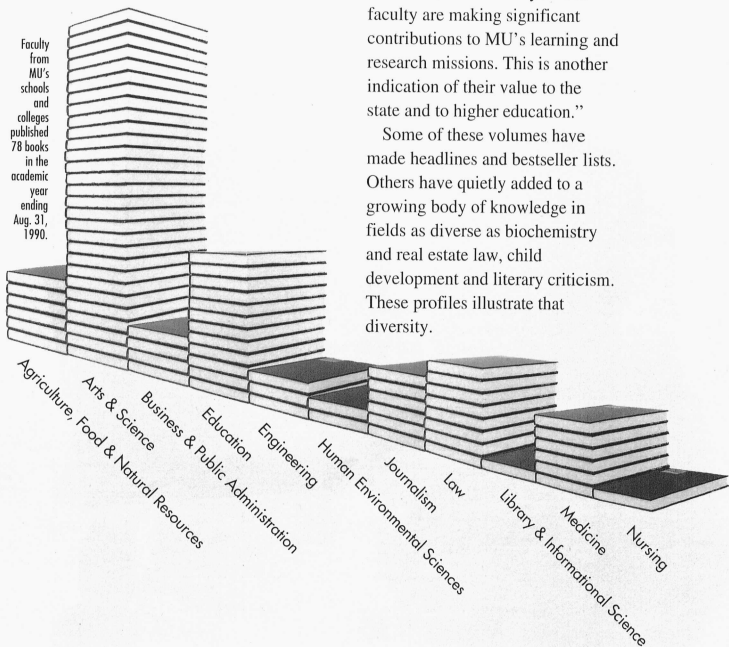
Booked solid

Story by JOHN BEAHLER
Photos by ROB HILL
& TAMMY SICKAL

WRITING A BOOK may seem a novel idea to some. But not to MU's faculty members.

Since 1985, they've written and edited more than 400 books. That's a noteworthy feat by any measurement, says Provost Gerald Brouder. "This is an impressive display of productivity, particularly in the face of limited resources," Brouder says. "Our faculty are making significant contributions to MU's learning and research missions. This is another indication of their value to the state and to higher education."

Some of these volumes have made headlines and bestseller lists. Others have quietly added to a growing body of knowledge in fields as diverse as biochemistry and real estate law, child development and literary criticism. These profiles illustrate that diversity.



Exploring Latin rhythms

Dr. Margaret Sayers Peden, one of the nation's pre-eminent translators of Latin American literature, has a surprising message for students in her translation classes at Mizzou: "I tell them, 'You have got to get rid of the words. The words will hogtie you and trip you up.'"

Peden, AB '48, MA '63, PhD '66, professor emeritus of Spanish, should know. She has translated nearly 25 volumes of poems, plays, essays and novels by some of Latin America's best-known writers. The list includes works by Octavio Paz, Isabel Allende and Pablo Neruda. Several of her translations, including *The Old Gringo* by Carlos Fuentes, have appeared on the *New York Times* bestseller list.

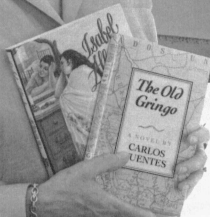
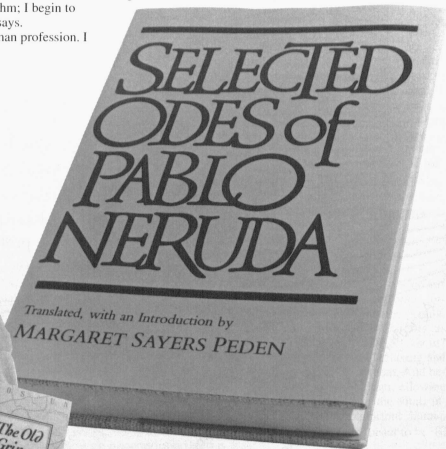
And Peden follows the advice she gives her own students. She memorizes a poem before she sits down to translate it. "I walk around with the poem in my head. I try to hear the poem without the words. I hear the cadence and rhythm; I begin to hear how that writer speaks," she says.

"Translation is sort of a handyman profession. I

think we're one of the last of the generalists," Peden says. "I don't think you can describe what you do when you translate. It's art, it's craft, it's scholarship."

It's also hard work. "You're constantly in the library looking up things you don't know," she says. When Peden is not involved in the meticulous details of translating, she's busy writing scholarly articles, lecturing to classes at MU and at workshops and seminars around the country. Over the years she's traveled extensively in Central and South America, researching texts and interviewing authors.

"You can't make a living as a literary translator. You do it for love, you do it for passion," she says. "Art is an avenue for knowing other people and cultures. It allows you an entry into a culture you wouldn't have otherwise. I hope I've made a few bridges."



Working with words

As a creative writing teacher at Mizzou, Dr. Speer Morgan works with his students on the basics of fiction writing. But he doesn't mind breaking a few rules when it comes to his own critically acclaimed novels.

"All the how-to books say you need to think through your story, to know what's at the end and what's at the beginning," Morgan says. "I, however, have never been able to do that. I have to do a lot of discarding of things that don't work, don't fit, that go nowhere. I have to feel my way down these labyrinths, feel my way toward my story."

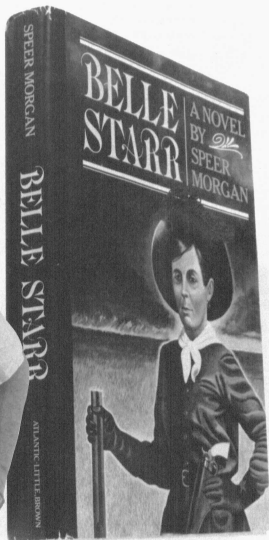
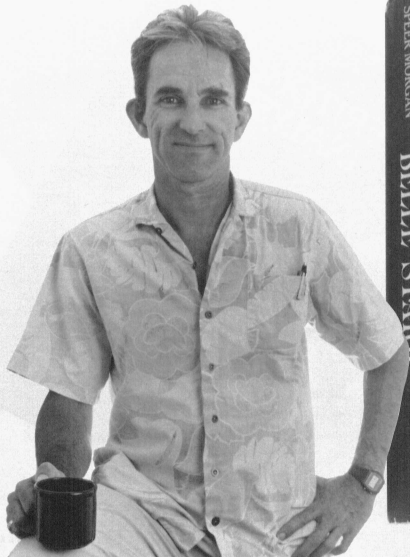
Morgan, professor of English, is the author of three novels and a book of short stories. Much of his work is set in the rough, dusty countryside of Oklahoma and Arkansas, around his hometown of Fort Smith, Ark. The heroine of his best-selling first novel, *Belle Starr*, chronicles the life of Missouri's own bandit queen, who got her start riding with Confederate guerrillas during the Civil War.

"What I start with is just an idea. I get an idea

and start researching and thinking about the nature of the story. My basic conception of writing is that it's an eccentric activity. It's a behavior for semi-whackos. It's a totally lonely occupation where you sit with yourself day after day."

As editor of *Missouri Review*, Morgan has helped build MU's literary magazine into a publication recognized as one of the five best in the country. The review publishes a mix of well-known authors as well as young writers getting started. It also features a found text series that prints previously unpublished works by American literary masters like Mark Twain, William Faulkner, Tennessee Williams and Sherwood Anderson.

So is it really possible to teach creative writing? "No, but you can pay attention to a student's creative process and care about it," Morgan says. "I think young writers need to have a demon to do anything big, and a teacher's purpose is not to instill demons. Life will take care of that as far as I'm concerned."



Pioneering medical breakthroughs

When physicians and scientists around the world want to know the latest about a revolutionary form of dialysis, they talk to the man who wrote the book on it. And that keeps Dr. Karl Nolph busy.

Nolph, professor and director of nephrology, is one of the pioneers of a medical technique called continuous ambulatory peritoneal dialysis. His textbook on peritoneal dialysis is the standard reference work on the subject.

For most patients with failing kidneys, medical treatment usually means long hours each week, tethered to a dialysis machine that filters from their blood the toxins that their kidneys no longer can handle. Peritoneal dialysis can free a patient from that painful mechanical routine. The procedure uses a special liquid solution injected into the abdominal cavity through a catheter. The liquid absorbs impurities from the patient's blood. Then it's drained and replaced with a fresh solution four times a day.

For many of the 60,000 Americans who use the procedure, it means being able to care for themselves. "Most people don't need anyone else to assist them," Nolph says. "It does take a step

away from high-cost technology back to simplicity. For many people this freedom is important. It gives people a reasonable extension of their lives with quality."

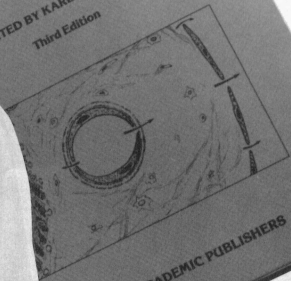
Nolph and his fellow researchers at University Hospital can't keep up with the flood of requests for information about peritoneal dialysis. He's traveled all over the world, explaining the technique to other physicians, and his schedule is jammed with meetings.

Although his textbook already is in its third edition, Nolph doesn't make much fuss about his international notoriety. "Writing goes along with teaching and research. I think of all the things I do as teaching," he says. "But I do enjoy this very much, both as a way of fostering education and a way of sharing new breakthroughs involved in our research."



PERITONEAL DIALYSIS

EDITED BY KARL D. NOLPH
Third Edition



KLUWER ACADEMIC PUBLISHERS

Discovering a passion for prose

Her students always can tell when Dr. Clenora Hudson-Weems gets excited about a topic. They say her gestures get more animated; her voice intensifies.

Hudson-Weems, associate professor of English, brings that same excitement to her writing. She is the co-author of *Toni Morrison*, which examines the work of the Pulitzer Prize-winning author of *Beloved* and other novels about the black experience in America.

"Writing is creating a reality to share," Hudson-Weems says. "I enjoy writing, however I don't sit down and make myself write. I'm more of an organic writer who writes only when I'm motivated. When that happens I might miss a couple nights of sleep."

For Hudson-Weems, writing adds to the perspective she brings to her literature classes. At the same time, those classroom discussions benefit from her writing. "I think writing is very compatible with teaching. I don't think it's cumbersome at all," she says. "Writing helps in your teaching; you become the authority on a subject. When certain questions come up you're

ready for them."

The power of Morrison's writing entranced Hudson-Weems when she read the author's first novel, *The Bluest Eye*, which tells the story of a black girl growing up in the Midwest. "Because society says blue eyes and blonde hair are it, she feels ugly," Hudson-Weems says. "I loved it. I felt every parent, and every black parent in particular, should read it."

And she says a literature teacher can really have fun with the layers of interpretation in Morrison's work. "I was intrigued with Morrison's use of mysticism and how it began to evolve in her writings. She takes you into a magical world where ghosts live. Morrison has made the spiritual world real. It's so real you don't even question it."

To research her book, Hudson-Weems interviewed Morrison soon after the author began writing *Beloved*, her latest novel. "I asked her to tell us about the characters in her new novel. She said, 'I can't' because the characters haven't revealed themselves to me yet."

That's the same approach Hudson-Weems uses in her own writing. "I sit down and write when the words want me to sit down so they can be freed," she says. "I am informed by the subject."



Capturing a sense of place

For David Rees a college is much more than a bunch of buildings. Rees, MA '81, a photojournalism instructor in the School of Journalism, spent more than a year taking the photos that document Campus life for *The University of Missouri: 150 Years*. The 112-page book of photographs was published in 1989 by the MU Alumni Association in honor of Mizzou's sesquicentennial celebration.

"It's the spirit of the people who make the place unique and special," Rees says. "I wanted to represent the spirit at the University through the people who go to school and teach here. I really wanted to have a sense of place. What I like about this book is that I think you do have a sense of personalities, of the people who are here."

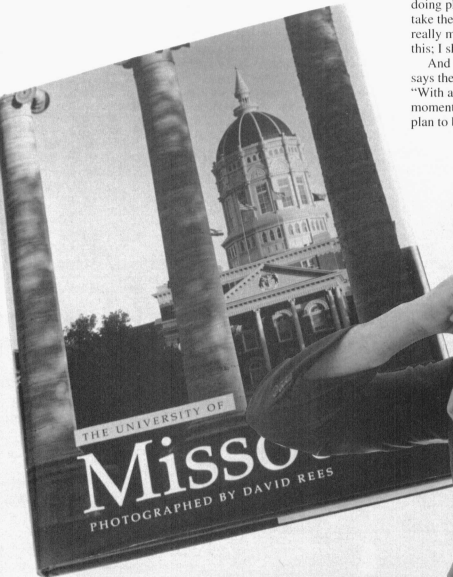
In the lens of his cameras, Rees froze

hundreds of separate images that together make up a composite portrait of Mizzou. He took a fresh look at Campus landmarks, like the Columns, Jesse Hall and Faurot Field. But Rees also captured moments of everyday life at Mizzou. Classrooms and laboratories. Students chatting outside Ellis Library or catching a nap between classes. A pair of young women, looking anxious in their ankle-length gowns as they step down the sorority house stairway to meet their tuxedoed dates.

"Since I teach full time, I found I had to be pretty structured. I did a lot of things early in the morning and late in the day. That's when you find the best light anyway," Rees recalls.

And he discovered the project was a good tool for teaching his classes of fledgling photojournalists. "Teaching photography and doing photography is a nice combination. I could take the pictures to my students and say, 'See, I really messed up here. I shouldn't have done this; I shouldn't have done that.'"

And although the photos are not posed, Rees says the project was anything but haphazard. "With a photograph you have one spontaneous moment and then it's all over, so you have to plan to be in the right place at the right time."



Charting rural religion

Ask Dr. Ed Hassinger if he enjoyed writing his textbook on the rural church. His answer might not be entirely enthusiastic. "I like to see it after it's done," says Hassinger, professor of rural sociology.

"When you're writing I think you have to spend big blocks of time. The process takes place over time; I don't get an inspiration and start writing," he says. "When you do research, you're supposed to report it. That's part of the process. To do research without reporting it is a waste of a lot of people's time and money."

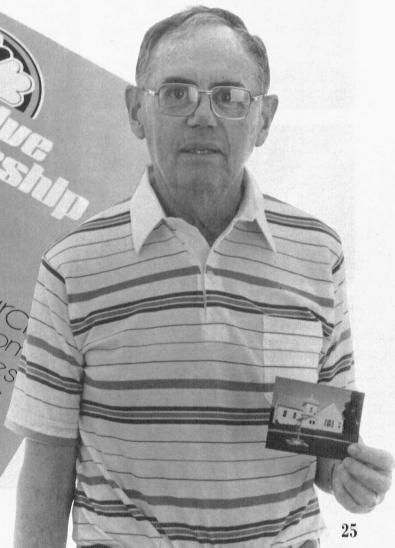
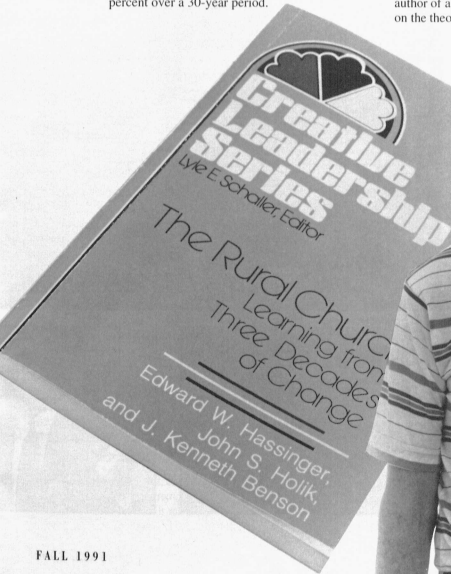
Hassinger and colleagues Dr. John Holik, PhD '56, associate professor emeritus of rural sociology, and Dr. J. Kenneth Benson, professor of sociology, charted the dynamics of rural church membership from 1952 to 1982. In their definitive text, *The Rural Church: Learning From Three Decades of Change*, the team's research showed that the number of church congregations in rural Missouri remained remarkably steady — dropping by just under 6 percent over a 30-year period.

"One of our hypotheses was that churches were losing numbers in rural areas," he says. "But compared with rural schools and rural businesses, there are all kinds of open country churches. I think in a sense, churches are among the last things to go."

The researchers selected at random 99 rural Missouri townships, identified all the congregations in those areas and conducted detailed interviews with the ministers or church elders.

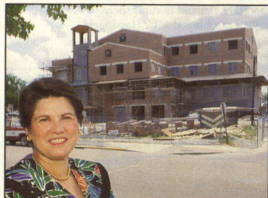
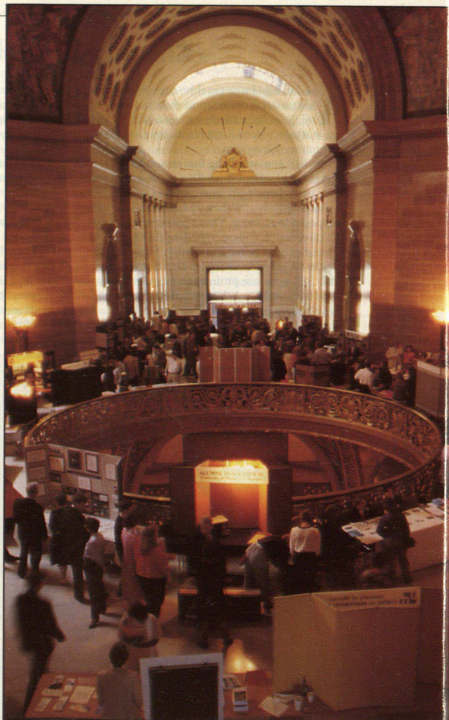
Then the researchers tried to identify factors that helped the congregations hold their own during a time when other rural institutions were slipping. "Many of these churches are low-maintenance organizations that don't require a lot of resources," Hassinger says. "Although we talk about the secularization of society, religion remained an important element in rural society."

In his 38 years of teaching at MU, Hassinger has specialized in rural institutions. In addition to his book on rural churches, Hassinger is the co-author of a text on rural health care and another on the theories of community.



AT THE CAPITAL, right, Student Board members discuss the proposed tax increase for education with legislators at Lobby Day, April 10.

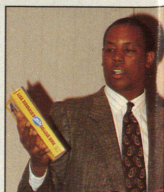
ELEANOR FRASIER, BS Ed '61, M Ed '65, below, chairwoman of the building committee, is selecting furnishings for the Donald W. Reynolds Alumni Center. Meeting and dining rooms, a great room and the University Club are among the center's amenities. The dedication will be April 10.



Tammy Seibel photo

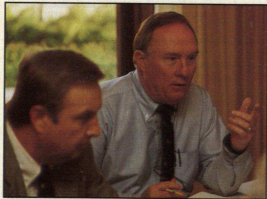
HIGH STAKES are raised for scholarships by the Boone County chapter, above. Its Casino Night Feb. 8 raked in \$2,000.

MIZZOU RUN raised \$3,000 for the St. Louis Gateway Scholarship Endowment Fund. More than 1,500 people, right, raced 3 to 10 kilometers in the St. Louis chapter's annual event.



Working for MU's future

Story by JOAN M. MCKEE Photos by ROB HILL



PRESIDENT BOB DIXON, BJ '56, top, right, presides at the executive board meeting April 18 through 20. At left is George Walker, AB '71, M Ed '73, EdSp '74, executive director.

STEVE SHINN, BJ '50, MA '71, above, left, leads the full meeting of the communications committee, an advisory group he started in 1968. Shinn retired in January after 24 years as editor of the *Missouri Alumnus*. At right is chairman Bill Tammeus, BJ '67, editorial page columnist for the *Kansas City Star*.

ART HOLLIDAY, BJ '76, left, co-anchor of *Today in St. Louis*, tells high-school students at a recruitment program Sept. 27 in St. Louis that a Mizzou education is valuable yet a bargain.

VOLUNTEERS devote many hours building MU's future. One major effort this year was LINC, the legislative information network committee. This group grew as alumni supported legislation that gives Missourians an opportunity to vote Nov. 5 on Proposition B, which calls for increased funding for education, says Joe Moseley, AB '71, JD '76. He is the committee chairman and editor of LINC's biweekly newsletter that is published during the legislative session. LINC's 450 members met with legislators in their home communities and in Jefferson City, and organized telephone and letter writing campaigns to get the word out about MU's need for increased funding.

Scholarships

Every scholarship helps, says Amy Davis, a non-traditional student who financed her medical education by herself. She received an Alumni Scholarship from the School of Medicine's alumni chapter while a fourth-year medical student. In June she started her residency at MU.

During the 1990-91 school year, the Alumni Scholars Program gave 131 scholarships worth \$82,376 — \$10,733 more than the previous year.

Membership

This year membership in the Association reached an all-time high of 30,540, says George Gale, BJ '54, chairman of the membership committee. Members' dues support programs such as scholarships, faculty incentive grants and student recruitment. All these supporters received the 1991 Member's Calendar. Everyone who joined in 1991-1992 received the New Member Kit, which lists information on how to get involved.

Missouri Alumnus

"Over the past 23 years since leaving Mizzou, the only consistent tie I have had has been the *Missouri Alumnus*," writes Albert Feuchtwanger, MSW '67, of Freehold, N.J., in a letter to the

editor. He is just one of 118,000 alumni and friends who receives the magazine four times a year. Members' dues and advertising revenue support the publication, which keeps alumni across the nation and throughout the world informed about Mizzou.

Chapters

Student recruitment was a goal for the Jefferson County Chapter, says Chairman Bob Tipton, BS Ed '66. The chapter held its third annual Off to Mizzou Party for students who are enrolled at MU this fall. More than 60 people attended, including 25 students and parents. In that group were the chapter's five scholarship winners for fall. Recruitment doesn't stop when Tipton goes home. His daughter, Jennifer, is a sophomore at Mizzou.

Out-of-state chapters also are getting involved with recruitment. Alumni worked at 23 college nights at local high schools from Chicago to Memphis to Birmingham, Ala. The Association has 44 in-state chartered chapters and 24 out-of-state chapters plus chapters in Japan, South Korea, Thailand and Taiwan.

Organizations and Groups

The purpose of the Nursing Alumni Chapter is to foster support for the school and to build a continuing tradition of which alumni can be proud, says President Cornelia "Deedie" Esry, BSN '55, M Ed '57. In April, the chapter held its first awards banquet, where Betty Crim, associate professor emerita, received an award for outstanding contribution to the School of Nursing. Fifteen other schools, colleges and departments have chartered alumni organizations. Constituent groups include the Black Alumni Organization, Fulbright Alumni and Navy ROTC Alumni, Army ROTC Alumni and the Student Alumni Chapter.

Development Incentive Grants

When Dr. C.B. Chastain, professor of veterinary medicine and surgery,



wanted to help students keep up-to-date with new advances in small-animal medicine, he got help through the Faculty Development Incentive Grants. This program, which awarded a total of \$10,000 to 15 faculty members in 1990-91, provides money for projects that might not otherwise be funded by the University. Chastain used his \$700 award to start a newsletter that informs students of new techniques and procedures. Students aren't the only ones who value the information. The newsletter, *Vector*, has more than 180 subscribers in Missouri and adjoining states.

Alumni Center

The new Donald W. Reynolds Alumni Center will give alumni an opportunity to relive their college days through the alumni library, which will contain *Savitors*, *Showme* magazines and films of Mizzou, says Eleanor Frasier, BS Ed '61, M Ed '65, chairwoman of the building committee. The past year she has helped with the selection of the brick for the outside and the furniture for offices and conference rooms. The 71,000 square-foot building, scheduled to be completed in January, is needed, as the MU Alumni Center's conference rooms were booked solid with 27,650 people attending 500 events.

Committees

For alumni who like to be involved in Tiger sports, the athletic committee is the place to be, says Chairman Mark Fitzpatrick, BJ '77, MBA '82. The 14-member group established a media relations committee to improve Tiger coverage, worked to give more press exposure to non-revenue sports and kept alumni chapters up-to-date on the teams. Other Association committees include alumni center management, communications, faculty-alumni awards, finance, rules, tours and membership.

Tours

Lower prices, ease of travel and camaraderie with alumni are some of

the reasons Dr. Dudley Miller, AB '55, MD '59, of Fayetteville, N.C., took two Tourin' Tiger trips this summer. In June he cruised the Elbe River in Germany and saw the sights of France on the Seine and Soane rivers in July. Part of the pleasure of these tours is letting the alumni staff plan the whole trip, says Miller, whose travels have included Scandinavia, East and West Germany, Russia, the Balkans and Egypt.

In spite of the Persian Gulf War, 120 Tourin' Tigers packed their bags and went on 15 tours, including a cruise- and land-tour of Alaska, adventures down under in New Zealand and Australia, and a visit to the Soviet Union.

Leaders' Day

A lot of hard work from members went into making the Black Alumni Organization one of the Association's top chapters, says President Mark Miller, BS '78, MS '82. To gain honors status, the BAO held student recruitment dinners in Kansas City and St. Louis. The organization awarded two scholarships and held outreach programs for students, alumni and the Columbia community.

To show its support of leaders like Miller, the Association honored the officers of 30 of the most active chapters — 17 in Missouri, four out-of-state, eight divisional and one constituent chapter, the BAO — at Leaders' Day Dec. 1 in Columbia.

Credit Card

The Mizzou credit card program is a great way to support the University, says Bob Rauscher, BS BA '79. As vice president of business development at Commerce Bank in Kansas City, he markets the program that gives the Association a percentage of every purchase made on the cards. Since the program began in March, 2,345 alumni and friends are charging with the Mizzou MasterCard featuring a Tiger and the VISA displaying a photo of the Columns and Jesse Hall. In four months, the program

generated \$23,784 for the Association. Funds generated from this program support activities benefiting students and faculty.

Student Board


"The key to a successful year for the Alumni Association Student Board was dedicated members, says President Kelly Nichols, BJ '91. Highlights include coordinating efforts with the Missouri Students Association to get Proposition B on the ballot, laying the ground work for a student chapter of the Association and raising \$17,000 for scholarships. The 55 AASB members serve as ambassadors for alumni functions and help recruit students for Mizzou.

Homecoming

Phil Bradley, BS BA '82, professional baseball player and former MU football and baseball star, was the grand marshal for the parade Oct. 20 during Homecoming '90: First and Goal to the Future. At the halftime ceremonies Homecoming King Dave Radman and Queen Julie Rothwell were crowned. Students promoted an alcohol-free celebration and collected 3,995 pints of blood for the Red Cross, making MU's blood drive the largest in the nation on a college campus.

Board of Directors

Since becoming president of the Association in July 1990, Bob Dixon, BJ '56, estimates that he has traveled 15,000 miles for MU, and he wouldn't have it any other way. "There's nothing more rewarding than doing something for those that provide you with the opportunities in life — your family and your university."

As part of a 64-member board of directors, Dixon governed Association affairs. Included in the board are the officers and other members of the executive committee, Missouri district directors, divisional organization representatives, heads of standing committees, out-of-state regional representatives, at-large members and student representatives. 

1991-1992
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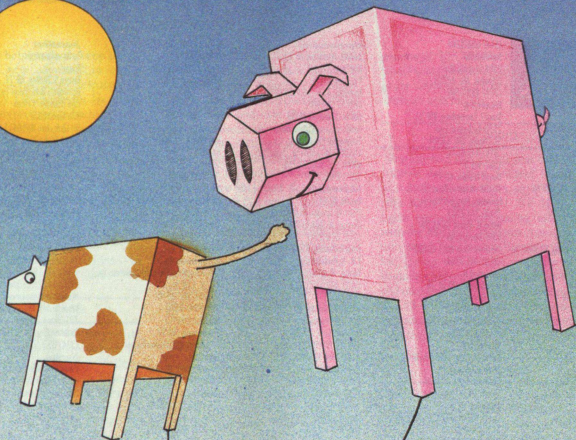
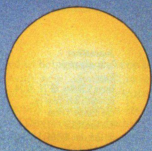
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Lighten
UP,
you guys

Story by DALE SMITH
Illustration by DENNIS MURPHY

Food researchers are changing what America eats with lower fat versions of traditional favorites

The average person has crude tools for taking off fat. There's sweat and starvation. But before food hits the grocery shelves, MU's food researchers are using a lot of scientific finesse to lift lipids from pork and beef. Through hormones, cloning, embryo transfer and more, researchers make "lite" of many beloved fatty foods.

Americans are trained to crave fat, says Dr. Hildegard Heymann, assistant professor of food science and human nutrition. "Fatty foods are part of our culture. We're raised on French fries, pizza and chips. So, we begin to expect it."

Fat, she says, is the wonderful creaminess of ice cream melting on your tongue, it's the juicy spurt of a burger coating your mouth, it's the slickness of mayonnaise sliding down with the turkey.

At nine calories per gram of fat as opposed to four per gram of carbohydrates and protein, fat is efficient fuel, says Dr. Dick Dowdy, professor of human nutrition and foods. Children need fat to grow properly. We all need it to live.

So, why not live happily ever after off the fat of the land? The problem is what Dowdy only half jokingly calls calorie toxicity — obesity. We like fatty foods so much that we simply eat them too much. "Obesity is more prevalent than heart disease and cancer, our leading killers," Dowdy says. And it's a factor in many chronic diseases.

The solution, Dowdy says, is moderation. Elbow the fat out of your diet. In the long run, research will continue to reduce fat in our foods.

For example, pork is about one-

third leaner today than it was in 1983 because of new trimming habits and improvements from research in nutrition, genetics and other biotechnology. This research also lowers the cost of food — good news to low-income families who spend a larger percentage of their income on food.

Through their work, researchers are remaking pigs and cows and hamburgers and ice cream. But in whose image?

The consumer's image, says Dr. Gretchen Hill, associate professor of human nutrition and foods. "Most of us are time-starved," she says. "Because of this, convenience and nutrition are now driving the marketplace."

One researcher who is articulate about the marketplace and about basic research is Dr. Billy Day, professor of animal sciences. He uses a naturally occurring growth hormone, porcine somatotrophic hormone or PST, to get more and leaner pork.

With PST, Day is able to extend the growth cycle of pigs. "The last 60 to 70 pounds pigs gain is when they really start laying down the fat. With the growth hormone, they keep putting on meat instead."

PST pigs have up to 30 percent less fat to 30 percent more muscle.

When Day manipulates the growth mechanism of pigs, he's on turf that is traditionally that of geneticists, whose results come slower but are more permanent.

An MU animal geneticist, Dr. Randy Prather, assistant professor of animal sciences, is attempting to clone pigs. Prather, who has a patent for cow cloning, runs one of only three labs in the world attempting

this genetic surgery on pigs. In a decade or so, cloning could be used to produce copy after copy of leaner pigs.

Working with embryos only a few cells old under a microscope, Prather uses a joystick to guide a needle to a cell. He sucks the DNA into the needle and uses it to replace the genetic material of an unfertilized egg. An embryo with eight cells can supply eight sets of DNA to eight eggs. When those eight eggs grow to eight cells, 64 sets of DNA can be transplanted. When cloning is perfected, whole herds could be produced.

While Prather genetically resets clocks, Dr. John Sikes, professor of dairy science, is working within the reproductive rhythms of cows to perpetuate profitable traits, such as disease resistance, high milk production and leanness. Sikes' lab was the first in Missouri to produce a calf by a process called embryo transfer, a way of putting the best bovine genes into broader circulation.

Seasoning, reasoning How do we choose foods?

Knowledge is a none-too-subtle seasoning.

In a study conducted by Dr. Hildegard Heymann, assistant professor of food science and nutrition, respondents sampled low-fat and high-fat cheeses and ice creams twice. The first round was "blind" testing — there was no information given about the foods. The high-fat products were most popular.

Later, the group sampled the foods again, armed with nutrition information. Among the cheese samples, the low-fat version suddenly took the lead. Surprisingly, on the ice cream side, the high-fat product won by an even greater margin than during the blind round.

Because ice cream is a treat, Heymann says, respondents shifted into the "binge mode." They revealed to learn that their favorite was high in fat. Cheese, on the other hand, is an everyday food, so knowledge of its low fat content played a bigger role.

"In stores," Heymann says, "people buy foods the first time based on nutrition information most of all and perhaps on advertising, price and curiosity." But the flavor better be there, she says, or consumers will look for another product that has the flavor and nutrition they want.

Here's how the technique works: First, inject a genetically superior cow with a hormone that causes it to produce more eggs than usual. Breed it to a good bull and flush the embryos out a few days later. Nurture the embryos in the lab until a surrogate mother is at a receptive stage of the reproduc-

tive cycle or freeze them if the delay is long. When the time is right, place the embryo in the new mother's uterus through a tube, much the way artificial insemination is performed.

These animal science researchers work toward getting fat out before animals go to slaughter. Meanwhile, a hus-

band and wife team are lowering fat after the fact. The researchers are Dr. Nan Unklesbay, professor of food science and human nutrition, and her husband, Dr. Ken Unklesbay, BSME '65, MS '67, PhD 71, professor of electrical and computer engineering. The product of their research is a low-fat pork and soy hull burger designed to rival McDonalds' McLean Deluxe.

"Soy hulls, which are high in fiber, are either used to feed animals or are thrown away," Ken says. "That makes the hull free, so to speak."

The Unklesbays combined this high-fiber "free" food with an inexpensive part of the pork shoulder trimmed of its fat, Nan says. Together, she says, the value of both foods is increased, because it could be marketed to those who want a low-fat product.

Another researcher, Dr. Andrew Clarke, assistant professor of food science and human nutrition, has his own way of putting the pressure on fat and cholesterol. He is experimenting with an extractor to remove fat and cholesterol from pork.


The process, called supercritical fluid extraction, works like this: Place freeze-dried pork in a container. Heat carbon dioxide to 90 degrees Fahrenheit, pressurize it to 1,100 pounds and flood the pork container with it.

"Under these conditions," Clarke says, "carbon dioxide is neither a gas or a liquid. It's at what we call the supercritical stage. So, it becomes a solvent with unique qualities. It can penetrate structures like a gas, but it will help dissolve fat and cholesterol like a liquid."

No one could be "supercritical" of Clarke's results, however. The process reduced fat by 71 percent and cholesterol by 78 percent.

All the fuss about fat in America is a sign, says Heymann, that we still live in a nutritional land of plenty compared to the rest of the globe.

About 80 percent of us, she says, metabolize fat well enough that we don't have to worry about moderate fat intake.

Food research is making moderate intake easier to achieve. "After all," as Dowdy says, "we all want to die young as late as possible." 

Looks and tastes like milk, But it could be an udder failure

Our fears about food safety are no longer limited to spoilage, says Dr. Barbara Slusher, assistant professor of consumer and family economics. "As technology brings food innovations, we are now concerned about the long-term health ramifications of our food." Even our spiritual attitudes help us decide whether to buy what we consider high-tech or no-tech foods.

Case in point:

The scientists had produced a masterpiece in bovine somatotropin or BST — a genetically engineered version of a naturally occurring growth hormone for cows that greatly increases milk production. BST spawned visions of milk for the poor and of lower prices for everyone. Science had thought of everything.

Almost.

"They overlooked consumer reactions to BST," which has been awaiting FDA approval for widespread use longer than expected, Slusher says. Her study of consumer attitudes toward BST found that this oversight was a big mistake. "The producers were all ready to go with what they considered a safe technology and all of a sudden realized that consumers may not buy milk produced with it."

This may account for the hold up on FDA approval.

While producers extolled the benefits of BST, consumer advocate Jeremy Rifkin of the Foundation for Economic Trends opposed BST in the media, creating great awareness and fear in supermarket shoppers.

"The safety of milk produced with BST was the biggest concern of people in our study," Slusher says. The next largest concern was for the safety of cows treated with the hormone. "There was also concern on behalf of small farmers. Early studies showed that BST would force them out of business, because the bigger businesses would be able to afford BST first.

"Many people objected to the use of biotechnology and BST because they didn't believe in changing the natural order of things," Slusher says. "The ability to change the nature of life is scary to people."

Because there was conflicting information about BST, many consumers said they would probably not buy BST milk and some were unsure how they'd react. If there had been a benefit to buying the milk, she says, reaction may have been more positive.

Producers said that their product was no different. But even though it looked like milk and tasted like milk, it had lost its image as a natural product.

"The bottom line," Slusher says, "is that consumers now believe that they must become more aware of how their food is being produced, that they have to make conscious choices and that they can't rely on others to decide what is best for them to eat."

Diamonds are forever

By TERRY JORDAN

**Mizzou's
winningest
coach
loves
the game
of baseball**



Tommy Seikal photo

As a kid growing up in St. Louis in the early 1950s, Gene McArtor, BS Ed '63, M Ed '64, PhD '72, often would go to the old Sportsman's Park to watch the Cardinals play baseball. His favorite team was the Philadelphia Phillies, who had won the 1950 National League pennant and were known affectionately as the Whiz Kids.

Forty years later, many think of Gene McArtor as the Whiz Kid of Mizzou baseball. And with just as much affection.

These days, "Coach Mac" appears to have it all. He eventually left the grandstands at Sportsman's Park for the playing fields at Mizzou, and as a star first baseman helped lead the 1962 and 1963 Tigers to the College World Series. He's been MU's baseball coach since 1974 and can boast an impressive record: two Big Eight titles, six NCAA tournament berths, and most notable, 637 wins — more than any coach, in any sport, in the history of the University.

Family and friends say he's a model husband and father. His players consistently rank near the top of all Mizzou athletic squads.

in grade point average. He is active in professional work, and this year served as chairman of the NCAA baseball committee and president of the American Baseball Coaches Association. Boosters call him a "class act," and have formed a club to stir up fan and financial support for the baseball program.

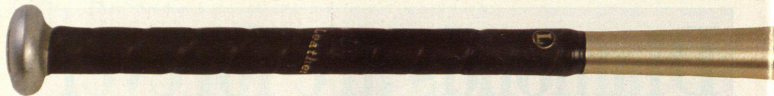
What's his secret?

"Well, I enjoy all of those areas, and it doesn't bother me to devote time to them," says McArtor. "Let's take it a step further: As long as you're doing something, you should give it your very best effort. That's what I tell my players, and I try to live by it, too."

Not that he's a saint, mind you. "Oh, I have my problems," he says. "I think I wrote the book on stubbornness." He recalls a double-header scheduled against Missouri Western State College in March 1989, when two inches of snow covered Simmons Field. "Everybody was telling me, 'Coach, we have to cancel



Rob Hill photo



this.' But I was determined to get the games in, so we plowed the field and played." The Tigers won the contests 9-0 and 14-1.

McArtor chooses his words carefully and speaks deliberately. It can disarm an observer who may have expected a ranting, raving, Billy Martin-type of manager. "I've never seen Gene lose control," says Bobby Randall, baseball coach at Iowa State. "He gets his points across, but he's always a gentleman."

Just don't mistake that cool composure for boredom. "The day I stop getting butterflies before a game is the day I get out of coaching," McArtor says. "Besides, I love what I'm doing. There's something about green grass and fresh air and sunshine. There are no telephones. You can get away from the office for awhile. It's a great game."

McArtor discovered the joys of baseball early. Both of his parents were teachers and coaches in St. Louis area high schools, and young Gene

trotted onto his first baseball diamond at age 8. He played first base and was the football quarterback at Webster Groves High School, then came to MU after three semesters at the University of Cincinnati.

"I had thought I wanted to go into aerospace engineering, and Cincinnati was a leader in that field," he says. "But I never realized how strong an impression teaching and coaching had made on me. When I decided I wanted to pursue that instead, Mizzou seemed a natural choice."

McArtor enrolled in the College of Education and played baseball for the legendary John "Hi" Simmons. The Tigers won the Big Eight title and went to the College World Series during McArtor's junior and senior seasons, and "Mac" was selected All-Big Eight first baseman in 1963.

He was a hit on Campus, too, especially with a pretty brunette named Donna. "It was love at first sight," says Donna Roberts McArtor, BS'ED '64, his wife of 27 years. "I had been dating one of his fraternity brothers, but Gene and I saw each other one day in class, and something clicked. That was it."

The two were married just as McArtor was finishing up his master's degree.

They moved to St. Louis, and both taught at various high schools for five years. One day in 1969, he received a phone call from Dan Devine, then MU football coach and athletic director. "I had been thinking of going back to get my doctorate, and had made some inquiries," McArtor says. "Dan called to ask if I'd like to be an assistant coach to the football or baseball team while I worked on my degree." Adds Donna: "That was one of the happiest moments

of his life."

As it turned out, McArtor was assigned to his former baseball coach. And when Simmons retired at the end of the 1973 season, McArtor was the logical successor.

Since then, Tiger baseball teams have produced 17 winning seasons, six All-Americans and 41 players who have gone on to the professional ranks. Just as important, McArtor believes, is the type of person his program has produced. "Gene's teams are like him: quiet, down-to-earth, dedicated people who get the job done," Iowa State's Randall says. They're also good students: of the 34 players on the 1991 Tiger roster, 11 posted grade point averages above 3.0 this spring.

"When we go out to recruit, we let the players know what we expect of them," McArtor says. "We want good students and good athletes who know how to conduct themselves on the field and off. If someone is looking for a free ride or just wants to get by... well, we generally don't get that type of player."

McArtor made a successful recruitment pitch to catcher John Hay, a junior from Florissant, Mo. "Everyone looks for a program like this one," says Hay, a finance major who carries a 3.8 GPA. "We've got a good group. We hang out together and keep each other in line."

While the Tigers may be high on talent and dedication, they could use a little help in the financial department. As a non-revenue-producing sport, the MU baseball program was able to award the equivalent of only eight full scholarships last year, which McArtor split among 22 players. There will be a few more scholarships next spring, but the budget is a continuing source of concern. "I understand the problem, but we still can have a successful program," McArtor says.

In an attempt to make it a bit more





successful, some Columbia area baseball fans formed the Tiger Bullpen Club. The group has drawn more than 200 members in a year's time. "The initial idea was to drum up support and bring more people to the ballpark," says Wayne Sells, Educ '65, of Columbia, president of the club. "But we're involved in a number of fund-raising activities, too. We'd like to be able to provide more scholarships, and there are some improvements we'd like to see at Simmons Field."

Attendance at home baseball games this year averaged 530, which is up from previous years but far short of the average attendance at Tiger road games, 904. McArtor believes the sport is ripe for a popularity explosion. "I see college baseball now as being in the same place as college basketball 15 or 20 years ago," he says. "ESPN is televising some college games. CBS has started covering games. Some colleges are building new stadiums. That was all part of the basketball boom. We may be on the verge of something similar."

Sells agrees. "I want to be there when ESPN televises its first game from Simmons Field," he adds. "It's going to happen."

Television or no, McArtor most likely will be there. He's had a number of job offers over the years, and has turned them all down to stay at his alma mater. He and Donna have placed a priority on providing a stable environment for their two sons: Steve, who will be a freshman at the University of Mississippi this fall, and Mike, who will be a senior at Hickman High School. "My mom still lives in the same house in Webster Groves where I grew up," McArtor says. "Here in Columbia, we've lived in the same house for 18 years. I guess it goes back to your upbringing. I want to give my family the same type of stability that I enjoyed."

In his spare time, he officiates high school and college football games and reads up on the Civil War. He says he has accomplished just about everything he's ever set out to do. "But I'd still like to take a team to the College World Series," he adds.

So why would a kid growing up in St. Louis in the early 1950s — a time

when the Cardinals had Stan "The Man" Musial, Red Schoendienst and Enos Slaughter — idolize the Philadelphia Phillies?

McArtor laughs. "I was at a very impressionable age, and the Phillies had just taken the pennant," he says. "They were winners."

Guess it takes one to know one.

Tigers face tough schedule

It's bad enough, head football Coach Bob Stull says, that nine starters from last season have graduated and eight other players have been suspended or dismissed for violations of the law. "Just look at our schedule," moans Stull, who is beginning his third year at Mizzou.

The Tigers' first three opponents in 1991 are Illinois, Baylor and Indiana, all contenders for the top spot in their conferences. A couple of weeks later, MU opens Big Eight play against Colorado, the defending national champion. Later on are Nebraska and Oklahoma. "This would be a tough schedule if we had won 10 games last year," Stull says. "It's especially tough when you were 4-7."

But Stull believes Mizzou can build a new, explosive offense around sophomore quarterback Phil Johnson, who passed for 1,000 yards and seven touchdowns in a supporting role last season. If Johnson can connect with wide receivers Victor Bailey and Skip Leach in the same way as Kent Kiefer connected with Damon Mays and Linzy Collins last year — and there are indications he can — Tiger fans will have a lot to cheer about.

The team's strong points appear to be the offensive line, which returns four starters, and the defensive line, which returns three. Center Brad Funk and offensive tackle Russ "the Bus" McCullough have shots at all-America status, while tackle Mario Johnson adds some bulk at 310 pounds.

The *Sporting News* and *Lindy's* both pick MU to finish fourth in the Big Eight. First, though, the Tigers will need to patch up a porous defense that has allowed 723 points in the past two seasons. This year there's a new defensive coordinator, Larry Hoefler, as well as five linebackers in the most recent recruiting class. But many of the starting defensive spots, especially in the secondary, will be filled by inexperienced players.

One thing is certain: The 1991 Tigers will be exciting to watch. Johnson has good speed and can scramble, and Stull notes that Mizzou finished last season ranked sixth nationally in passing. "We certainly hope to continue that this year," he adds.

1	9	9	1
Sept. 14			
Illinois			
Sept. 21			
Hall of Fame/Ag Day			
at Baylor			
Sept. 28			
Indiana			
Band Day			
Meet Mizzou Day			
Oct. 5			
Memphis State			
Parents' Weekend			
Red, White and Blue Halftime			
Oct. 12			
at Colorado			
Oct. 19			
Oklahoma State			
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By TERRY JORDAN

Eight football players dismissed or suspended

Head football Coach Bob Stull is puzzled and frustrated over the arrests of eight of his players on various charges since April.

"You can run all kinds of background checks on players when you're recruiting them, you can talk to their friends, family and teachers, but you never know what's going to happen," Stull says. "Some kids go away to college and do things they'd never do if they still had that home structure."

"I know this is no excuse, but what has happened to these players is just a microcosm of what happens on Campus and in society. It's tough to convince them that if they get in trouble, they're going to get the headlines because they're athletes."

Tight end David Frisch and defensive end Curtis Roberts have been dismissed from the team after their convictions on burglary and stealing charges, respectively. Also dismissed was linebacker Louis Thomas, who is charged with rape. Five players are suspended indefinitely, pending the outcomes of their trials: fullback Tony VanZant, charged with third-degree assault; tailback Mark Jackson, burglary, stealing and third-degree assault; linebacker Tony Cooper, disturbing the peace; fullback Michael Washington, burglary and stealing; and linebacker Lance Noel, driving while intoxicated.

Four of the eight — Roberts, Frisch, Thomas and Washington — most likely would have started for the Tigers this fall.

Stull says he feels a responsibility to the players' education and to MU. Although he dismissed Frisch and Roberts from the team, he is allowing both to continue their scholarships and stay in school.

Mizzou rehires Daly after NCAA drops charge

Rich Daly, who had been assistant coach at Mizzou for eight years, will be back for the 1991-92 season. The NCAA rescinded its finding of unethical conduct against him in connection with the basketball program investigation.

Athletics Director Dick Tamburo accepted the recommendation of Coach Norm Stewart to hire Daly to fill the vacancy that has existed since Daly resigned from it March 31.

The original charge against Daly had

stemmed from his inability to remember details of an alleged recruiting trip to Detroit on Easter Sunday 1985. But at an appeals hearing June 29 in Monterey, Calif., Daly presented evidence showing he was not on the private plane traveling from Columbia to Detroit that day. The flight logs, unavailable to the National Collegiate Athletic Association during its original investigation, showed that Stewart was on the plane.

Tamburo says that as a condition of Daly's appointment, he'll serve a probationary term concurrent with the NCAA probation, which is beginning the second year of a two-year probation. Any further violation of NCAA rules by any member of the men's basketball staff will result in the immediate termination of employment.

"I support and endorse the actions taken by the athletic director in his handling of this very difficult process," says Chancellor Haskell Monroe. "Now, with Coach Daly's hiring, I hope we can put this entire matter behind us and look to the future success of Tiger athletics."

Smith goes to Mavericks

There was no doubt that all-America basketball forward Doug Smith would go high in the NBA draft on June 27. The question was, how high?

The Dallas Mavericks answered the question when they chose Smith as the No. 6 pick in the draft. Smith, whose No. 34 jersey was retired after his last home game, is a two-time Big Eight Player of the Year.

Hall of Fame class selected

Twenty new members will be inducted into the MU Intercollegiate Athletics Hall of Fame on Sept. 13. The hall opened last year with an inaugural class of 20.

Members from the Pioneer Era (1890-1951) are: Dick Ault, track; the late Art Bond, football; Chester Brewer, athletic director and coach of baseball, basketball, football and track; Clay Cooper, football, basketball and assistant football coach; the late George Edwards, basketball coach; Guy "Bus" Entsminger, football; Harry Ice, football; John Munsli, track; Norm Wagner, baseball; and the late John Waldorf, football.



Members from the Modern Era (1952-86) are: the late Jim Baker, football; Ed Blaine, football; John Brown, basketball; Joni Davis, basketball; Sabrina Dornhoefer, track; Henry Marshall, football; Francis Peay, football; Bob Schoonmaker, football, basketball and baseball; Willie Smith, basketball; and Bill Stauffer, basketball.

Four Tigers picked in draft

Four players who completed their eligibility in 1990 were selected when the National Football League came calling in April.

Safety Harry Colon was picked in the eighth round of the 1991 draft by the New England Patriots, and tight end Tim Bruton was selected in the eighth round by the Indianapolis Colts. The Dallas Cowboys took wide receiver Damon Mays in the ninth round, and wide receiver Linzy Collins was picked in the 12th round by the Green Bay Packers.

Running back Michael Jones signed a free agent contract with the Los Angeles Raiders, and offensive tackle Rick Trumbull signed with the Cincinnati Bengals.

Six eagles score big in grades

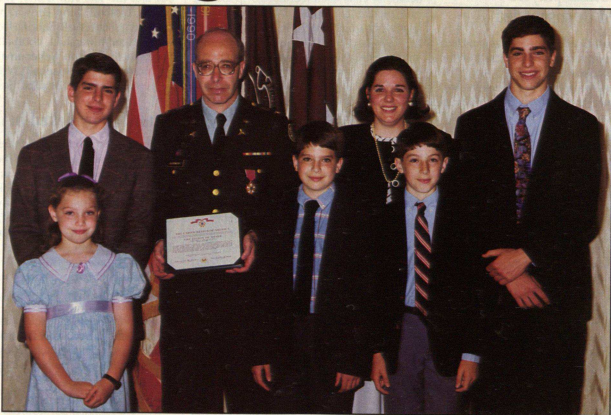
The men's basketball team is prepared to start next season right — academically, at least. Six of its players, or about half of the team, posted 3.0 grade point averages for the 1991 winter semester. They are guards Melvin Booker, John Burns and Reggie Smith, forwards Jevon Crudup and Todd Satalowich, and swingman Anthony Peeler.

Bikers finish 15th at national

The MU Cycling Club, which was featured in the summer '91 *Missouri Alumnus*, finished 15th of 35 teams at the National Collegiate Cycling Association championships in May in Spokane, Wash. That's especially impressive considering that four of the seven team members were injured.

In Spokane, Joni Sharp suffered a broken collarbone in the women's road race, but not before taking 26th place in the women's criterium. Ethan Froese finished 22nd and Brad Smith was 26th in the men's criterium, and both also placed in the men's road race. The Mizzou men's team finished 11th in the team time trials. That's in spite of the fact that Ben Nelms and Brian Borsa were slightly injured in accidents during the road race, and Aaro Froese suffered a separated collarbone in the criterium.

Caring for families



Col. Kenneth D. Burman, MD '70, is assistant chief of endocrinology and metabolic service at Walter Reed Army Medical Center in Washington. As a consultant to the attending physician's office at the capitol, Burman is part of the team of doctors treating President and Mrs. George Bush for Graves' disease, a condition resulting from an overactive thyroid. Burman also cares for his own family, front row, from left: daughter Emily, and sons Andrew and David. Second row: son Stephen, wife Molly, and son Edward.

The *Missouri Alumnus* magazine is an effective way to reach influential and affluent families. Please examine our numbers in Missouri and throughout the nation.

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 Readers nationwide 215,580
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 51% with children below college age

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 17% retired
 13% other

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



(Research figures based on surveys taken in October 1990 by the Media Research Bureau of the School of Journalism, University of Missouri-Columbia.)

To reach this exclusive audience in the Winter issue, call Michelle Burke, director of advertising, *Missouri Alumnus* magazine, at (314) 882-7358. Closing is September 13.

Top academic post goes to Gerald Brouder

Dr. Gerald Brouder was appointed provost, the chief academic position at MU, in March.

He has been at Mizzou since 1977 and has experience in academic affairs, planning and budgeting. For nearly a year he served as interim provost and deputy chancellor.

"Jerry Brouder has an outstanding record here," Chancellor Haskell Monroe says. "He knows MU, and all of us respect him."

Brouder is chairman of the long-range planning committee, which earlier this year completed and sent to the UM System the long-range plan for MU. He formerly was chairman of the University's promotion and tenure committee.

Brouder replaces Dr. Lois DeFleur, who was selected president of the State University of New York at Binghamton. He holds a doctorate in nursing from the University of Texas and also has bachelor's and master's degrees, both in nursing.

Board bypasses search, names Magrath's successor

Dr. George A. Russell, chancellor at UMKansas City, has been selected president of the University of Missouri System. He will replace Dr. C. Peter Magrath, who resigned to become president of the 148-member National Association of State Universities and Land-Grant Colleges in Washington, D.C. The appointment takes effect in November.

The decision was reached by the Board of Curators July 26 at its meeting in Kansas City, just five weeks after Magrath announced his resignation. In selecting Russell, the board bypassed the usual, lengthy search process for a president.

Russell, 70, has been chancellor at UMKansas City since 1977. Before that, he was vice chancellor for research and dean of the graduate college at the University of Illinois. A native of Bertrand, Mo., he has a bachelor's degree in electrical engineering from the Massachusetts Institute of Technology and master's and doctoral degrees in physics from the University of Illinois.

New plan will boost undergraduate education

MU's faculty has approved a plan that will improve general education for all undergraduate students.

The general education "architecture" requires undergraduates to take a class requiring quantitative proficiency beyond college algebra, two writing-intensive courses and a "capstone" course designed to bring together what students have learned. The plan also requires students to take two

nine-hour "clusters" of courses in fields outside their major areas, as well as an undergraduate seminar during their first 60 hours of course work.

Mizzou officials note that degree requirements have varied among schools and colleges on Campus. "This will give all students a strong foundation, regardless of their major," says Dr. Jeff Chinn, vice provost for instruction.

The \$2 million plan will be phased in over a five-year period and will apply to freshmen entering the University in the fall of 1993.



Brouder



Snelgrove

A winner on and off the field

It's difficult to say whether MU softball pitcher Karen Snelgrove is more impressive in the classroom or on the field. Just say she's tops in both.

Snelgrove, a native of Kitchner, Ontario, was selected as a second team all-American this spring after a dazzling season that included a 25-6 record, a 0.18 earned-run average, 18 shutouts and 242 strikeouts. Her ERA was the best in the nation, and she threw back-to-back perfect games in April against St. Louis University and UMKansas City, the first time that feat has been accomplished by an MU or Big Eight pitcher.

Still, it's difficult to top first-team Academic all-American. Snelgrove achieved that status after posting a 3.4 cumulative grade point average in health and physical education this spring. "Karen defines the term 'student-athlete,'" says softball Coach Jay Miller. "You can't say enough good about her."

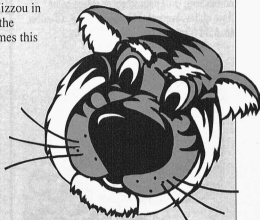
Snelgrove is staying busy this summer. She helped Miller with a softball camp at Mizzou in July, and has been selected to pitch for the Canadian team at the Pan American games this August in Santiago de Cuba.

Walton heads list

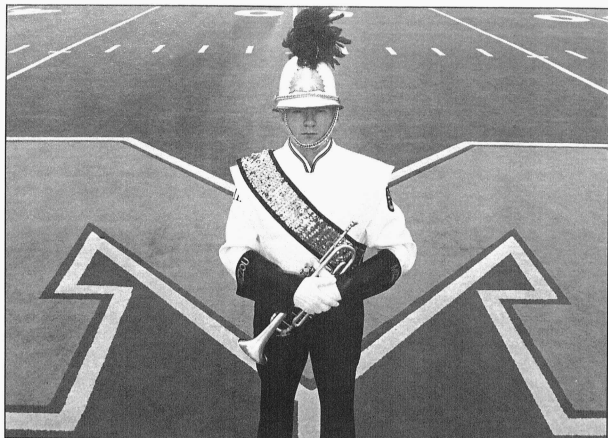
The wealthiest man in America is a Mizzou alumnus.

Sam Walton, AB '40, and his family are listed in *Forbes* magazine as the richest in the country, with a fortune of \$18.5 billion. He is chairman and founder of the Wal-Mart stores.

The information is contained in a list of *Forbes'* 10 richest people in the world, published in the July 22 issue. The Waltons are listed third, behind two Japanese businessmen, and are followed by the E.I. du Pont family, with a fortune of \$10 billion.



MIZZOU
ran



March style

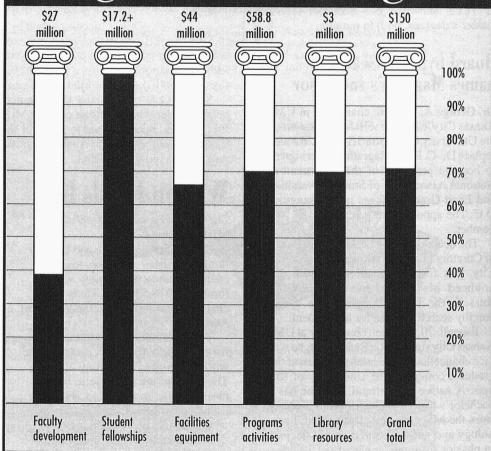
Brad Snow, president of Marching Mizzou, gives a preview of the band's new uniforms, which will be worn for the first time at the Sept. 14 football game against the University of Illinois.

Alumni lead the way in investing in Mizzou. In Campaign MU, the largest fund-raising drive in the history of the University, alumni have donated more than \$47 million of the \$106 million that has been raised as of June 30. In the student support category, alumni donations of more than \$10 million have pushed it \$6 million above its \$17.2 million goal. So far, the campaign has generated 71 percent of its \$150 million goal. For details on how you can join other alumni who support MU through tax-deductible contributions, write your school or college or the Office of Development, 117 Alumni Center, Columbia, Mo. 65211, or call (314) 882-6511.



**Leads
the way**

Progress toward goals



Persian Gulf veterans to be recognized

A salute to Persian Gulf veterans will be a part of the Oct. 5 football game with Memphis State.

Veterans of Operation Desert Storm will be recognized during a special Red, White and Blue Halftime ceremony. The show will feature Marching Mizzou and a 100-voice chorus performing patriotic songs, as well as an appearance by Maj. Gen. Burton Moore, BJ '63, one of 10 generals who reports to Gen. H. Norman Schwarzkopf.

Reduced-price tickets, in advance of game day, are available to veterans of Desert Storm and their guests. A buffet luncheon will be held before the game. For more information, see the coupon on Page 55.

McDavid, McReynolds close

The University will close two residence halls and a dining hall this year because of an expected drop in freshman enrollment.

McDavid and McReynolds halls, which make up the Loeb group, will be closed, along with the Loeb dining hall. Roger Fisher, director of residential life, says the University will attempt to rent the space.

MU officials earlier had predicted that the 1991 freshman class would be about 10 percent smaller than last year's class of 3,851. It's all a part of the University's enrollment management plan, in which new, tougher admission standards and smaller high school graduating classes will combine to gradually reduce the undergraduate student population. At the same time, MU plans to bolster its graduate and professional programs.

Fisher says universities across the Midwest are seeing reductions in residence hall numbers this year. "Remember that most students who live in residence halls are freshmen and sophomores," he says. "When you figure in the recession and tuition increases — and most large state universities in the Midwest are increasing their tuition this year — you have fewer customers for the residence halls." MU's tuition increase of 12 percent took effect this summer.

Food, nutrition units merge

Two departments at Mizzou have merged in an effort to improve quality for students and streamline administrative operations.

The department of human nutrition and foods, in the College of Human Environmental Sciences, and the department of food science and nutrition, in the College of Agriculture, Food and Natural Resources, have joined to become the department of food science and human nutrition.

Dr. William Stringer, PhD '63, professor of food science and nutrition, will be department chairman. He will report to Dr. Bea Smith, dean of human environmental sciences, and Dr. Roger Mitchell, dean of agriculture, food and natural resources. The merger is intended to create greater efficiency in administration, research, curriculum and use of facilities and equipment.

AGRICULTURE, FOOD & NATURAL RESOURCES

"A million dollar soybean" has been developed by Dr. Sam Anand, professor of agronomy, who heads the soybean breeding program at the Delta Center at Portageville. Resistant to all known races of soybean cyst nematode, this variety, called Hartwig, should be worth an additional two to four bushels of soybeans an acre — that means about \$3 million a year to Missouri's Bootheel alone, Anand says. Nematodes, which are invisible to the naked eye, undermine root systems, devastating yields and farmers' profits.

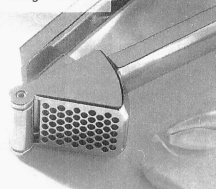
First in the nation, the college's plant biotechnology group earned a top ranking from the U.S. Department of Agriculture's National Needs Graduate Fellowships Program. Because of the college's distinction in this program in animal reproductive biology; foods, feeds and products; interdisciplinary plants; and food and agricultural policy research, it was chosen for an on-site visit in July by the U.S. Office of Management and Budget, which oversees the USDA's grant program.

ARTS & SCIENCE

A new degree program in international studies will provide a broad sampling of liberal arts courses with a thematic focus and an in-depth look at a region or culture. Emphasis areas include agriculture, East Asian studies, general business administration, international community development, Latin American area studies, Russian area studies and South Asian area studies. "This is an example of a program developed within the University that is responding to the intellectual and programming mandates of the 21st century," says Associate Dean Ted Tarkow.

Studying vision in stroke victims who can't consciously see, but who react to visual stimulation by pointing to objects shown to them is Dr. Steven Hackley, AB '76, assistant professor of psychology. "On a conscious level, they cannot see, but something allows them to process visual information on an unconscious level," Hackley says. A \$483,000 grant from the National Institutes of Mental Health funds the five-year study. **Cash prizes** of \$750 for short fiction, \$750 for essays and \$250 for poetry will be

Easy Does It.



With so many quick, exciting ways to prepare today's pork loin roasts, it's almost a shame to leave it whole.

Fantastic Pork Fajitas

Cut 1 lb. boneless pork loin into thin strips. Toss pork together with 2 T. EACH orange juice and vinegar, 2 cloves minced garlic, 1 T. EACH oregano, cumin and seasoned salt. Stir-fry in hot oiled skillet. 10 min., with one sliced onion and green pepper. Offer warm tortillas with fajitas.

Pork Scaloppine

Slice 1 lb. boneless pork loin into 1/4-in. thick slices. Sprinkle with salt and pepper. Sauté quickly, 2 min. per side, in 2 T. butter in hot skillet. Sprinkle with 1/2 squeezed lemon. Serve immediately.

Spicy Broiled Chops

Cut 1 in. thick chops from a boneless pork loin. Marinate in 1/2 C. bottled salsa mixed with 2 T. orange marmalade. Remove chops from marinade and broil 5 in. from heat 4 min. per side.

Apricot Pork Kabobs

Cut 1 lb. pork loin into 1 in. cubes. Marinate 30 min. in a 10 oz. jar apricot preserves, 4 T. orange juice and 1 T. butter. Thread pork onto skewers; broil 4 in. from heat, turning, 10-12 min.

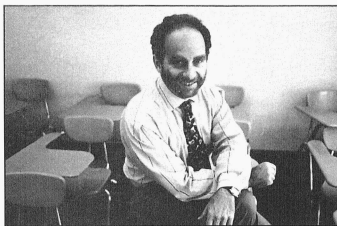
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Dr. Stuart Palonsky wants to increase the course offerings in the Honors College.

Mizzou's best and brightest



You could describe Dr. Stuart Palonsky as a matchmaker. In his job as the new director of the Honors College he brings together MU's brightest students and its most talented faculty.

The Honors College has taken off over the years. When the program began in 1959, it was an arm of the College of Arts and Science, with just a few students and a handful of classes. Now it's a campuswide organization offering nearly 75 courses or special sections each semester. Last year, more than 3,300 students enrolled in honors courses.

The challenge, says Palonsky, professor of curriculum and instruction, is to continue to encourage faculty to donate their time. "They're doing most of this as overload. Without faculty support, the Honors College could not continue to serve students as well as it has."

Honors courses are one reason talented students are deciding to come to Mizzou. Last year out of 3,851 students in the freshman class, 101 were high-school valedictorians, 672 were in the top 5 percent of their graduating class and 660 applied for honors classes. — *John Beahler*



Hulston Hall, the new law building, is named for John Hulston, who along with his wife, Ruth, established a \$1.25 million trust to benefit the school.

Maintaining excellence

John Hulston, JD '41, says the happiest days of his life were the ones he spent at MU. The man after whom the new law building is named shows his appreciation by contributing steadily and generously to the School of Law.

"The character, standing and integrity of the school are outstanding. Those are things that mean more to you as time goes on," says Hulston, a Springfield, Mo., attorney and businessman.

Hulston was the first contributor to the school's two major fund-raising drives of the past decade: the law building campaign and the endowment campaign, "Excellence into the 21st Century." Both drives met their goals of \$2.5 million. The new building was named Hulston Hall after he and his wife, Ruth, established a \$1.25 million trust to benefit the school. Interest from the trust will be used for such purposes as faculty fellowships, scholarships and support for the law library.

Hulston is a former director of Ozark Air Lines and a co-founder of two Texas oil companies. He practices corporate and real estate law in Springfield, and holds controlling interest in three banks. — *Terry Jordan*

awarded to winners of *The Missouri Review's* first contest. One winner and three finalists will be chosen in each category. Winners will be published in the literary magazine's spring issue. The deadline is Oct. 1. For details, write to Missouri Review Editors' Prize, 1507 Hillcrest Hall, Columbia, Mo. 65211.

Explaining nature at its most microscopic level is the subject of a study of quantum mechanical theory by Dr. Samuel Wemer, professor of physics, and Dr. Helmut Kaiser, senior research scientist at the University of Missouri Research Reactor. They hope their work with protons, neutrons and electrons may provide clues about the split personality of sub-atomic particles, which sometimes behave like waves and sometimes like particles. One of their experiments focuses on the effect of the sun's gravity on neutrons. The National Science Foundation's physics division is funding these neutron interferometry experiments with a four-year, \$616,000 grant.

BUSINESS & PUBLIC ADMINISTRATION

The Teacher of the Year selected by the Kansas City alumni chapter is Dr. John Stowe, chairman of finance. In its nomination, the college's student council noted that Stowe is dedicated not only in his efforts as an instructor but also in his involvement with alumni, visiting executives and recruiters. Stowe was honored at the chapter's banquet May 23 in Kansas City. **A top researcher**, Dr. Paul Swamidass, assistant professor of management, received the Harry Hall Trice Faculty Research Award at the college's awards banquet April 18. His winning article, "Empirical Science: The New Frontier in Operations Management Research," will be published in the *Academy of Management Review* in October.

More than 130 people attended seminars through the Missouri Institute for Executive Development during the spring session. Conducted in Columbia and St. Louis, the seminars included essentials of supervision, grant and proposal writing, leadership development and business writing. MIED also provides testing and preparatory sessions for real estate appraisers statewide.

EDUCATION

Grants totaling \$1 million will help MU meet the growing demand for experts in special education. Mizzou is the only university in Missouri that offers a PhD program in special education, and the five-year grants will provide financial help for doctoral candidates learning to bring people with mental or physical disabilities into the mainstream of community life. The grants,

provided by the federal Office of Special Education, also will be used for research, student recruitment and program development. "Teaching individuals with severe disabilities is a tough job with little of the glamour associated with other professions," says Dr. Patrick Schloss, professor of special education.

A smaller, higher-quality program was one goal of the college's stiffer admission standards. That effort is paying off. Undergraduate enrollment for the winter 1991 semester was 1,069, the lowest it's been in 37 years. Some of the focus has shifted to graduate programs. In 1973, 16 percent of the college's students were enrolled in graduate programs. That figure nearly tripled by last year, when 44 percent were graduate students.

Teachers don't stop learning, and the college is working with educators from all over central Missouri to explore ways to help teachers grow professionally. A conference held July 18 in Columbia brought together faculty members and educators to discuss such topics as collaborative research, faculty exchanges, and the reward and in-

centive structure for teachers.

ENGINEERING

Nobody does it better. Dr. Paul Chan, associate professor of chemical engineering, was voted outstanding teacher by chemical engineering undergrads. This is the ninth time Chan has received the award since 1980.

The Department of Energy awarded the nuclear engineering department more than \$500,000 in grants last fall. Dr. Mark Prelas, professor of nuclear engineering, will use part of the money to study excimer lamps as drivers for solid-state lasers. Prelas also is doing photovoltaic research with colleagues from the electrical and computer engineering department. Dr. Robert Brugger, professor of nuclear engineering and medical physics program director, is studying boron neutron-capture therapy, a promising brain cancer treatment.

FINE ARTS

Mizzou was represented in Prague,

Czechoslovakia, where 33 nations had displays in the International Exhibit of Theater Design and Architecture. Patrick Atkinson, associate professor of theater, was invited to help set up the U.S. national exhibit, Mozart in America, which included scene designs from various Mozart operas performed in the United States. While he was in Prague in early June, Atkinson worked to develop exchanges that would bring European theater designers to Campus as visiting teachers.

HEALTH RELATED PROFESSIONS

Easing Missouri's shortage of workers in the allied health professions was the topic of discussion June 11 at a conference sponsored by the school. Nearly 90 of the state's educators and hospital representatives met to talk over ways they could cooperate to increase enrollment in allied health programs. The shortage has prompted many hospitals in Missouri to close units and reduce services. Studies show that by the end of the century Missouri will need 70 percent more physical therapists and 58

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Anna Romero, KBIA managing news editor, puts new emphasis on multiculturalism.

Tuning in to diversity

The atmosphere is chaotic at KBIA, the public radio station that serves as a laboratory and classroom for broadcast students.

Emergency messages scatter across the radio scanner and stacks of news releases cry out for attention. It's all part of the daily hustle and bustle of newsgathering. One thing that isn't old news at KBIA is a commitment to multicultural education, thanks to Anna Romero, the station's managing news editor. Romero assigns news stories, then critiques and tutors the student broadcasters.

Hard news isn't her only focus. To increase multicultural awareness of student reporters she assigns as many ethnic stories as possible. "I think there is a great need for more minorities at this station, at this journalism school," she says. "I also think we can use a few more women in higher-up positions — management positions, not just as an instructor or editor." — *Rosalyn Gaines*

percent more occupational therapists.

A student from Mizou beat out graduating seniors from the state's other four physical therapy programs to be named the year's outstanding physical therapy student. Mike Studer, BHS '91, of Reeds Spring, Mo., was recognized for academic, clinical and professional excellence at the spring meeting of the Missouri Physical Therapists Association at the Lake of the Ozarks.

HUMAN ENVIRONMENTAL SCIENCES

Vegetarians take a big risk if they impose their eating habits on their kids, says Gretchen Hill, associate professor of food science and nutrition. "My bet is those kids will have health problems when they reach 40, 50 or 60 years of age — mostly because of imbalances with micronutrients, particularly iron, zinc and copper," Hill says. "We know these micronutrients are vital to health, and red meat is the best source for them."

Through death, divorce or other circumstances, many women suddenly find themselves making financial decisions alone. To help these women learn to take charge of their financial affairs, the college has been offering workshops around Missouri in conjunction with University Extension. The sessions are led by local accountants, lawyers, bankers and investment counselors. For more information, write program coordinator Michele Merfeld, assistant professor of family economics and management, 162 Stanley Hall, Columbia, Mo. 65211, or call (314) 882-6289.

Dr. Kitty Dickerson, professor and chairwoman of textile and apparel management, in August joined the board of directors of Kellwood Co., a St. Louis-based Fortune 500 company that is an international manu-

facturer and marketer of apparel and home fashions. Dickerson is the author of *Textiles and Apparel in the International Economy*, which examines world trade in the textile and apparel industries. She was named to Textile World magazine's 1991 list of the top 10 leaders in the textile industry.

JOURNALISM

"**Journalism 2008**" will be the theme of Journalism Week, starting Nov. 6. The school will celebrate its 100th anniversary in 2008, and the activities will take a special look toward expected future trends in journalism. Missouri Honor Medalists, confirmed as of July 15, include Marlene Sanders, pioneering broadcast newswoman for ABC and CBS; William F. Wool, editor of the *St. Louis Post-Dispatch*; Ed Ney, former advertising executive and now U.S. ambassador to Canada; and Barbara Reynolds, author and columnist for *USA Today*. For more information, call (314) 882-1908.

Twenty-two broadcast news executives from across the country came to Campus June 9 through 12 for the third annual Management Seminar for News Directors. The event, directed by Charles Warner, Leonard H. Goldenson Professor of local broadcasting at MU, featured updates of management theories and techniques believed to be most effective in today's broadcast newsrooms. Featured instructors included Jerry Nachman, editor of the *New York Post*.

LAW

This fall's incoming class is the brightest in recent memory, Dean Timothy Heinsz

says. The median grade point average of the class is 3.4, highest of any law school in the state. The average Law School Admissions Test score is 39, which ties MU with Washington University in this category. The 164 class members were selected from 1,370 applicants, which also are highs for the school. The class includes 138 Missouri residents, 68 women and 11 minorities. **Kenneth W. Starr**, solicitor general of the United States, will present the annual Earl F. Nelson lecture at the Law Society dinner Sept. 20 at Columbia's Holiday Inn Executive Center. Starr, who argues cases for the government before the U.S. Supreme Court, practiced law in Los Angeles and Washington, D.C., and is a former member of the U.S. Court of Appeals. The Law Society is composed of donors who have given \$25,000 or more to the school. This year's dinner is expected to draw 100 members.

LIBRARY & INFORMATIONAL SCIENCE

The new director of continuing education is Diane Johnson, whose specialties include public, state and academic libraries. For fall, her office has planned classes in school library media center automation, copyright issues, meeting management, trends in bibliographic instruction and women in management. For more information, write to Johnson at the Office of Continuing Education, 104 Stewart Hall, Columbia, Mo. 65211, or call (314) 882-9543. **The school's 25th anniversary** will be celebrated Oct. 11 and 12 with a special colloquium program and reception. For information about anniversary events, call (314) 882-4546.

MEDICINE

Controlling blood sugar levels early means fewer complications in later years for people with diabetes. A study by Dr. David Goldstein, professor of child health, found that diabetes sufferers who carefully monitored their blood sugar levels from the time they are first diagnosed with the disease can delay complications such as kidney disease, blindness and amputations of legs, feet and toes. "The clock starts ticking as soon as you get diabetes," Goldstein says. **Rest easy**, MU medical researchers are studying ways to help you get a better night's sleep. While patients at University Hospital's Sleep Lab are dozing off, an array of high-tech equipment analyzes their eye movement, brain waves, heart rate and the level of oxygen in their blood. This summer a computerized monitoring system was installed, and the lab's observation room and two sleep rooms were renovated at a cost of \$165,000. More than 240 patients are treated in the lab each year.

In the old days, women recovered from Caesarean deliveries in the hospital for up to 10 days. Now, women take their babies and surgical side effects home in 48 hours. Dr. Elizabeth Geden, professor of nursing, is studying ways to help women cope with these problems. She teaches relaxation strategies and imagery for pain control as well as the best ways of moving after major surgery. "We're finding," Geden says, "that women in our study are taking less pain medication, walking more quickly and getting back to taking care of themselves sooner."

Nurses never do only one thing at a time, says Shirley Farrah, BSN '66, director of continuing nursing education. Farrah observed nurses practicing in different units over three-hour periods, noting every task and the time it took to complete it.

"It's not unusual," Farrah says, "for a nurse to give a medication, while, with eyes and ears, make observations for physical assessment. Or she may be educating a patient about a medicine while noticing what's happening with intravenous fluid or noticing that there is water on the floor, which could cause a fall."

The study has already prompted some cost-saving changes. By simply providing more keys to the narcotics cabinets, Farrah says, University Hospital was able to save \$20,500 annually in nursing time formerly spent hunting keys.

SOCIAL WORK

Many social workers in Missouri can't pull up stakes and leave their jobs and families to study full time for an advanced degree. So Mizzou's social work faculty comes to them. Since 1983, 68 students have received master's degrees from Mizzou through off-campus programs in Kansas City, Springfield and Hannibal. This fall, St. Louis will be the site of the school's next continuing education program. For the next year, faculty will travel to St. Louis to teach graduate-level classes to as many as 20 social work professionals. In the following year, those students will attend classes in Columbia two days a week. After an 800-hour internship, they receive master's degrees in social work.

In a second record-breaking year, alumni and friends have responded to the school's needs with pledges of support that total \$20,700. The donations will help create scholarships and programs that support teaching and research.

A total of \$5,500 in scholarships from the William Bryan Myers II Scholarship Fund benefited eight social work students last year. The awards are made to graduate



Dr. C.B. Chastain, right, takes into consideration the health of not only the pet, but the human family members when treating patients at MU's Small-Animal Clinic.

Pet doctors monitor family health

When Dr. C.B. Chastain, professor of veterinary medicine and surgery, discovered lead poisoning in a Columbia family's cat, he didn't just treat the pet and send it home. He asked the entire family to have its blood checked.

Although the family members were in no danger, the level of lead in the cat's blood rose again after it returned home. So now the family, at Chastain's request, is having water and areas around their home tested.

"Animals in general are environmental monitors of risks to humans," Chastain says. "There are a lot of diseases that we know exist because we see them in animals first."

Because animals are less fastidious than people, they often pick up diseases from the environment before humans do. For example, histoplasmosis, a fungal infection of the lungs occurring in humans and animals, is often seen first in hunting dogs that roam wet, wooded areas near rivers. "By keeping track of where the dogs with the disease have been, we know where the risk is," he says.

"Small-animal veterinarians are a link in the family health-care chain just like pediatricians, obstetricians and family practitioners." — *Joan M. McKee*

students on the basis of academic achievement, leadership and financial need. They are drawn from an endowed fund supported by annual contributions from Clara Louise Myers, professor emerita of social work, in memory of her son.

VETERINARY MEDICINE

Veterinarians and farmers across the state count on the college to provide facilities and expertise in an emergency, says Dean Robert Kahrs. For example, after testing samples from all over the state, the lab's toxicologists discovered that the largest outbreak of vomitoxin in more than a decade is now attacking the wheat crop and is affecting the swine that feed on it. "MU's

lab is the only publicly owned facility in the state that can perform these tests," he says. Last year the diagnostic lab handled 24,726 requests for assistance from every county in the state and performed more than 7,000 autopsies and 200,000 tests. It provides diagnostic services, investigates outbreaks of disease and conducts health certification testing.

Alumni from eight classes will hold reunions Nov. 2 during the college's Annual Veterinary Conference. The classes gathering for the reunions will be '51, '56, '61, '66, '71, '76, '81, and '86. Events scheduled are a Saturday morning seminar and brunch before the football game and dinner at the Holiday Inn Executive Center. For more information, call (314) 882-3554.

Mikel Garrett, BS Ag '84, left, Dave Phelen, BS Ag '63, DVM '63, and Diane Temple, BES '84, were among 55 alumni and family who attended the Delaware Valley chapter's picnic and pig roast at Phelen's country home June 29. Garrett is chairman of the chapter.

Jan Deenke photo



Twenty Tourin' Tigers visited Zwinger Square in Dresden, Germany, during a 12-day trip down the Elbe River June 10 to 21. Other stops included Prague and Berlin.

Jack Miller photo



Randy Draper, BS Ed '85, M Ed '88, won second place in the championship division at the 14th annual Tiger Tennis Rally June 8 in Osage Beach, Mo. More than \$1,700 was raised for scholarships for the Miller, Laclede and Camden chapters.



Thom Guthrie, as the director of alumni center operations, is organizing the University Club, an exclusive dining and meeting area for the Donald W. Reynolds Alumni Center, which is under construction.

After a national search, Karen Worley, BJ '73, former managing editor, has been selected editor of the *Missouri Alumnus* magazine and director of publications and alumni communication. Worley has 18 years of newspaper and magazine experience.

Mizzou ambassador

The last year has been busy for Jon Dalton, AB '83. When he's not working at the law firm of Thompson and Mitchell in



DALTON

St. Louis, he works to support higher education and Mizzou. As a member of the executive board of LINC, the MU Alumni Association's legislative information network committee, Dalton was

instrumental in getting Proposition B on the Nov. 5 ballot. If passed, the bill will provide increased funding for education in Missouri.

For Dalton, that meant long hours researching the bill, sorting through information, polling legislators to see why they were for or against the bill and then canvassing people for support. Most of his research focused on the impact the bill would have on St. Louis. "All of higher education will benefit from this bill," Dalton says. "If students from St. Louis go to Illinois to college, that is a loss to Missouri."

Being a part of MU's future is important to Dalton. In Washington, D.C., he helped revive the MU Alumni Association chapter. He located hundreds of members who had never been contacted and became the chapter's president. Two years ago when he came to St. Louis, he joined the chapter's executive committee as the governmental relations chairman. He's now the treasurer.

"I valued my educational and cultural experiences at MU, and I want to provide that opportunity to other people," he says. Dalton plans to continue to work for MU, for others and for himself. "As MU improves, it makes my degree better and better."

STATE SEN. ROGER WILSON, M Ed '86, will lead the parade Oct. 19 for Mizzou's 80th Homecoming Celebration. Before the Tigers tangle with the Oklahoma State Cowboys, join alumni at the luncheon from 11 a.m. to 12:30 p.m. at the Alumni Center. To look your best at the game, order a Homecoming T-shirt. See the ad on Page 48 for details.

NON-MEMBERS can immediately join the Association when they apply for their Mizzou MasterCard or VISA. As a member, they will receive a lower interest rate. As a convenience for alumni who are already members, later this year they will be able to charge their dues on their cards. For more information on card benefits, see the ad on Page 59. To apply for these special cards that give a percentage of each purchase to the Association, call Commerce Bank at 1-800-453-BANK.

DICK MOORE, AB '54, JD '56, took over as Association president July 1. Completing his term was Bob Dixon, BJ '56. Other 1991-92 national officers are listed on Page 29. **THE ST. LOUIS CHAPTER** broke all records in the Alumni Scholar Program by

giving \$18,500 in scholarships to 13 students for the fall semester. This beats their previous record of \$6,540 to six students, which they gave last year. **SIGN UP** now for the three away pep rallies. Tigers will be cheering at the Baylor game in Waco, Texas, Sept. 21; at the Colorado game in Boulder, Oct. 12; and at the Nebraska game in Lincoln, Oct. 26. For more information, call (314) 882-6611.

A PIANO and audiovisual equipment are needed for the Donald W. Reynolds Alumni Center. If you would like to donate any items, call George Walker at (314) 882-6611.

A POLICY for long-term nursing-home care is being offered by the Association's insurance program. For more information, call (314) 882-6611. — *Joan M. McKee*

CALENDAR

- Sept. 13 Leaders' Day
- Sept. 21 Tiger Trek Bike Tour in Kansas City
- Sept. 27 Faculty-Alumni Awards Banquet
- Oct. 19 Homecoming against Oklahoma State
- Oct. 24 Kansas City Jefferson Club Dinner
- Nov. 1 Herbert J. Davenport Society Dinner
- April 10 Donald W. Reynolds Alumni Center dedication

Follow the Tiger Pride in '91

 **Baylor University - Waco, Texas**

WHEN: Sept. 21, 1991

TIME: 5:30 p.m. (7p.m. Kickoff) MU tent at the stadium

COST: Donation at the "door" to help with cost of tent rental

Football tickets: call 1-800-CAT-PAWS

 **University of Colorado-Boulder**

WHEN: Oct. 12, 1991

TIME: 10:30 a.m. Pep Rally and 11:30 a.m. Buffet at Clarion Harvest House Hotel.

COST: Buffet only \$13. Buffet & football ticket \$33.

DEADLINE: Sept. 27, 1991

 **University of Nebraska-Lincoln**

WHEN: Oct. 26, 1991

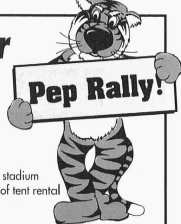
TIME: 10:30 a.m. Pep Rally and 11:30 a.m. Buffet at Cornhusker Hotel.

COST: Buffet only \$13. Buffet & football ticket \$31.50.

DEADLINE: Oct. 11, 1991



For more information or to request a reservation form, please call (314) 882-6611, or write Pep Rallies, 132 Alumni Center, Columbia, MO 65211.



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American Red Cross Blood Drive, Oct. 6 through 10, 11 a.m. to 7 p.m.

Community Kick-off Rally, County Courthouse (Eighth & Walnut), Oct. 12, 1:30-3 p.m.

Games, Reactor Field, Oct. 13, 1 p.m.

Kick-off Rally, Faurot Field, Oct. 14, 3:30 p.m.

Preliminary Talent Competition, Jesse Auditorium, Oct. 14 and 15, 6 p.m.

Multicultural Extravaganza, Missouri Theatre, Oct. 16, 7 p.m.

Residence Hall Decorations and Banners, Oct. 17

Finals Talent Competition, Jesse Auditorium, Oct. 17, 6 p.m.

House Decorations, Greektown, Oct. 18, 7 p.m.

Parade, Grandstand at Memorial Union, Oct. 19, 9 a.m.

Buffet Lunch, Alumni Center, Oct. 19, 11 a.m. to 12:30 p.m.

Missouri vs. Oklahoma State, Faurot Field, Oct. 19, 1 p.m.

King and Queen Coronation, Faurot Field, Oct. 19, halftime

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THE TWENTIES

Earl McIntyre, BJ '29, has been inducted into Virginia Commonwealth University's Sports Hall of Fame. In 1972, he joined the university as a professor of journalism. Between 1975 and 1986 he served as sports information director and assistant athletic director. Since then, he has worked part time in the university's police department.

THE THIRTIES

Donald S. Dawson, AB '30, DL '84, in May was elected president of the board of directors of the Harry S. Truman Library Institute in Independence, Mo. Dawson, who has his own law firm in Washington, D.C., was administrative assistant to President Truman from 1947 to 1953.

U.S. District Judge William Collinson, JD '35, of Springfield, Mo., retired May 3 after 41 years of service. He was a federal judge for 25 years and a circuit judge for 16 years.

Scotty C. Guletz, BJ '35, of Jackson, Calif., visited Mizzou June 6, marking the first time he has been on campus since attending his 50-year reunion in 1985. This summer, he and his wife, Marjorie, are touring the United States from California to Florida and return.

Paul N. Doll, BS AgE '36, MS '37, LLD '86, of Jefferson City was honored in May for his contributions to the engineering profession, when the conference room in MU's agricultural engineering building was named for him. Doll organized Alpha Epsilon, the honor society of agricultural engineering, founded at the University in 1959. From 1954 to 1976, he was executive secretary for the Missouri Society for Professional Engineers.

THE FORTIES

Marian Lucille Dillinger Cleveland Alexander, Arts '41, of Wayne, N.J., was a band and choral director in Missouri, Connecticut, New York and New Jersey from 1942 to 1991.

George E. Bockhorst Sr., BS Ag '41, of Cape Girardeau, Mo., has retired from Jostens Inc. after 42 years as a sales representative.

Louis Gerdes, BJ '41, of Omaha, Neb., was a volunteer in Cairo, Egypt, for the International Executive Service Corps. At *The Egyptian Gazette*, Egypt's only English language newspaper, he trained staff

Making connections and contributions

Among non-veterinarians, **Claude Ramsey**, BJ '39, has, perhaps, done the most to improve the health of animals. For 35 years he was executive director of the Morris

Animal Foundation and, as a result of his fund-raising campaigns, the organization reached its goal of donating \$1 million a year for research.

In 43 years, the foundation has subsidized nearly 600 projects concerning the diseases of dogs, cats, horses, zoo animals and wildlife. One of the 25 veterinary colleges across the nation that benefit from these grants is at MU, where investigators are working on a two-year project to characterize the mutation that causes von Willebrand Disease, a common bleeding disorder, in dogs.

Ramsey's interest in animal-health research began in the early '50s, when he had his own public relations firm in Denver. One of his clients had established the foundation in 1948 and, after serving part time as a consultant, Ramsey became executive director in 1955. He retired in 1990 and served as a consultant until July 1991.

"Though I'm certainly no scientist, I have been able to create a vehicle through which animal-health problems are studied," Ramsey says.

"Any skill I have is in organizing volunteers and putting together the right kinds of people with the right kind of work."

His organizational skills enabled the foundation to continue the work begun by Dian Fossey of *Gorillas in the Mist* fame to study the behavior of mountain gorillas in Rwanda and Zaire, Africa, and to prevent their extinction. The merging of her Digit Fund with the foundation took place in 1985. Ramsey's campaigns increased the fund — named for Fossey's favorite gorilla — from a \$30,000-a-year operation to one with more than a half million dollars in annual donations. — Sue Richardson



Under Claude Ramsey's direction, the Morris Animal Foundation of Englewood, Colo., became the nation's largest animal-health research organization.

in areas ranging from editing to writing. Gerdes is a former executive editor and vice president of the *Omaha World Herald*.

Edith Worstell Hayes, GN '41, and her husband, William, of Lexington, Ky., cel-

brated their 50th wedding anniversary Dec. 22.

Mary Jane Lang, BS Ed '44, M Ed '47, ED '60, of Columbia has been elected to a three-year term on the advisory board of Who's Who in American Education. She is

a professor emeritus of business education at MU.

John R. Baker, BS BA '48, senior vice president of corporate development at UtiliCorp United in Kansas City, has been elected vice chairman of the company's board of directors. He has been at UtiliCorp since 1948.

James L. Hodges, BJ '49, AB '50, was selected master editor-publisher in May by the Iowa Newspaper Association. Hodges is president of Louisa Publishing Co. Ltd. in Wapello, Iowa. He purchased the company in 1959.

THE FIFTIES

Robert I. Barnes, BS BA '50, in May was elected to the Wisconsin State Telephone Association Hall of Fame. Barnes of Sun Prairie, Wis., has been in the telephone industry for 41 years, the past 20 of which have been in Wisconsin. He is state director of public affairs for GTE.

Jean J. Madden, BS Ed '50, MA '51, of Columbia received the 1991 Citizen of the Year Award June 4 from the Chamber of Commerce. The award is presented annually to a person who gives freely to the community. Madden, vice president of communications for Shelter Insurance

Cos., is a former director of alumni relations for the MU Alumni Association. He also is a member of the Association's communications committee.

Harold R. Jordan, AB '51, of Piedmont, Calif., represented MU March 22 at the inauguration of Chang-Lin Tien, the seventh chancellor of the University of California-Berkeley.

Bill G. Hoover, BJ '52, of Waco, Texas, has retired as information director of the Texas Farm Bureau after 38 years in agricultural communications. In 1954, he originated the weekly farm news radio show Farm Bureau Roundup, which is still broadcast by more than 100 stations in Texas.

Madge Fisher Harrah, BS Ed '53, of Albuquerque, N.M., received the Golden Spur Award June 27 for best juvenile fiction of 1990. The award, given by Western Writers of America Inc., was for *Honey Girl*, a novel for children.

U.S. Rep. Ike Skelton, AB '53, JD '56, has received the Goshorn Award for his contributions to the nation's strength and integrity. The award is given at the discretion of the Robert C. Goshorn Foundation. Skelton of Lexington, Mo., was first elected to Congress in 1976. He serves on the small business committee, the select committee on aging and on the armed services

committee.

W.R. Miller, BS Ed '54, M Ed '55, EdD '60, dean of education at MU, was inducted into the Selection Research Inc. Hall of Fame for 1991 for his leadership and selective admission processes within teacher education at the state and national levels. Miller has been elected to a three-year term on the board of directors of the American Association of Colleges for Teacher Education.

Robert C. Shaw, M Ed '54, EdD '59, professor of educational administration at MU, has received the Service to Secondary Education Award from the Missouri Association of Secondary School Principals.

J. Barton Boyle, BS BA '55, of Columbia is president-elect of the Association of Health Facility Survey Agencies, which is made up of state health facility licensing directors and Medicare certification agencies from all 50 states and territories. Boyle is administrator of the hospital licensing and certification bureau for the Missouri Department of Health.

Lt. Col. John Edwards, BS Ed '55, received a Distinguished Alumnus Award May 26 from Wentworth Military Academy in Lexington, Mo., where he is operations officer. He joined WMA in 1976 and served as interim superintendent in 1990-91.

Georganne Spurling Marty, BJ '55, has been named to the 17th edition of Who's Who of American Women. She works in publicity, promotion and advertising at the University of Illinois-Champaign.

Gerald O. Miller, BS EE '58, received the Robert M. Thompson Award in May from the Navy League. He was cited for his initiative as deputy program executive officer and technical director of the Tomahawk Cruise Missiles Program at Naval Air Systems Command in Washington, D.C. During Operation Desert Storm, the Tomahawk was launched from both ships and submarines against enemy targets for the first time.

Richard P. Toft, BS BA '58, is chairman of Ticor Title Insurance Cos. in Chicago and president and chief executive officer of its parent company, Chicago Title and Trust Co.

Robert Weiser, AB '58, MA '60, has been promoted by Mobil Oil Corp. to commercial sales and technical manager in Thailand. For the past two years he was with Mobil's African affiliates.

John Fox Arnold, AB '59, JD '61, has been elected to the board of directors for Downtown St. Louis Inc., of which he has been a member since 1986. He is chairman of the law firm of Lashly and Baer.

David G. Snider, BS CIE '59, of Springfield, Mo., is director of maintenance and

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traffic for the Missouri Highway and Transportation Department. Snider, executive vice president of John Morris Associated Cos., was public works director for Springfield from 1973 to 1990.

THE SIXTIES

William Meyer, BS Ag '60, MS '62, PhD '65, has been appointed to the board of directors of the Sikeston (Mo.) Production Credit Association. He is a professor and past chairman of agriculture at Southeast Missouri State University in Cape Girardeau, Mo.

Mary Rigney, MS '60, PhD '68, received a 1991 Distinguished Teaching Award from the University of Wisconsin-Oshkosh, where she has taught in the biology department for 23 years.

Diane L. Black, BS Ed '61, of Lake Lotawana, Mo., has retired after 30 years of teaching physical education and health at Lee's Summit (Mo.) High School. For 18 years, she coached girls' track and cross country at the high school.

Norman A. Braksick, BS Ag '61, is president of Asgrow Seed Co. in Kalamazoo, Mich., a wholly owned Upjohn subsidiary, and is a vice president of Upjohn's agricultural division. Since 1986, he has

been executive director of U.S. and Canadian animal-health operations for Upjohn Co.

Robert E. "Bob" Fisher Jr., BS Ed '61, M Ed '67, retired in April after 30 years as head football coach and head track coach at Fulton (Mo.) High School. Also in April, he was elected mayor of Fulton.

Carole Kennedy, BS Ed '61, is principal of New Haven Elementary School in Columbia. She was principal of Conn-West Elementary School in Grandview, Mo.

Jo Behymer, BS Ed '62, M Ed '65, EdSp '75, EdD '77, has received the Recognition Award from the National Association of Teacher Educators for Business Education for outstanding service and commitment to business teacher education. She is associate dean of education and associate professor of business education at MU.

Melford E. Monsees, BS '63, of Leawood, Kan., discussed "Leadership and Executive Development of Young Engineers" June 18 at the annual American Society of Engineering Education meeting in New Orleans. Monsees retired in 1987 after 20 years the resident coordinator of the University of Missouri-Columbia Graduate Engineering Program in Kansas City.

James W. Raulsten, M Ed '63, EdD '76, retired in May after 31 years as an educator

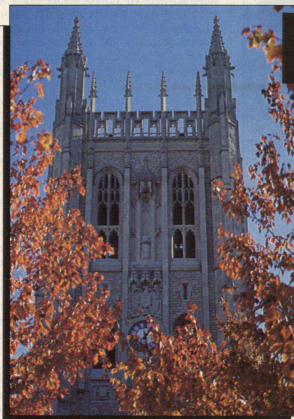
and administrator. Since 1981 he was superintendent of schools in Plattsburg, Mo.

Bob Stewart, BS Ag '63, M Ed '65, professor and coordinator of agricultural education at MU, has won a regional Outstanding Vocational Educator Award from the American Vocational Association. Stewart is president of the American Association for Agricultural Education.

Harold W. Eickhoff, PhD '64, of Pennington, N.J., received a 1991 New Jersey Pride Award in Education. The award, given annually by *New Jersey Monthly* Magazine since 1985, honors people who have dedicated themselves to improving the quality of life in New Jersey. Eickhoff is president of Trenton State College.

Donna K. Davis, BS Ed '65, is included in the inaugural edition of *Who's Who Among America's Teachers*. She teaches at Cahokia (Ill.) High School.

Col. Jerald B. Gartman, BS IE '65, is an examiner for the Malcolm Baldrige National Quality Award. Created in 1987, the award is the highest level of national recognition for quality that a U.S. company can receive. Since 1986, Gartman has been commanding officer of the Naval Aviation Depot, Marine Corps Air Station, Cherry Point, N.C.



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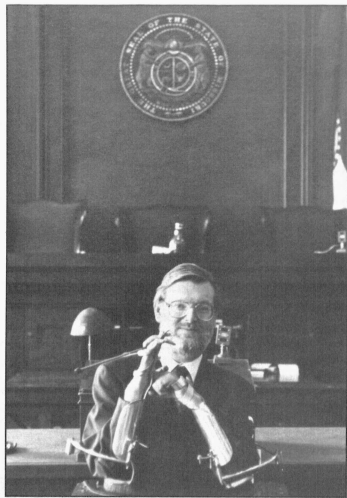
New members must enroll by Oct. 1 to receive the 1992 calendar.



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Richard L. Wieler
relied on his memory
to present cases
before the Supreme
Court of Missouri.

A supreme lawyer



For 20 years **Richard L. Wieler**, AB, '66, JD '68, has served as an assistant attorney general and has presented more than 120 cases to the Supreme Court of Missouri. "Mr. Wieler is an irreplaceable asset to the attorney general's office," says Curt Thompson, his supervisor. "No one is a more dedicated worker or better attorney than he is."

Because of post-polio syndrome, the weakening of muscles due to overuse and taxation, Wieler is resigning from his position as general counsel representing the Department of Revenue.

As a teen-ager, Wieler was paralyzed from the neck down by polio. His perseverance and positive attitude have enabled him to overcome many obstacles posed by the disease. Wieler attended MU because of its accessibility for students with physical disabilities. "There were plenty of normal college kids around. Thank God they didn't segregate us," Wieler says. "That was one good thing about Missouri's program. They helped you when you needed it, but it was basically sink or swim."

During his education and his career, Wieler's memory has been vital to his success. He has to remember information he reads and hears for the first time because it is too difficult to repeat research. Even in the courtroom, Wieler argued his cases without the security of notes.

Although Wieler no longer travels to work, he continues to consult over the phone. "I hope people perceive me as someone who did what he could," Wieler says. "I wouldn't want to leave the impression of nobility. It's the way everyone should be."

— *Story and photo by Katherine McHaney*

Gary Smith, M Ed '65, EdD '71, is president-elect of the American Association of Collegiate Registrars and Admissions Officers. The association has more than 8,000 members from 2,200 colleges and universities. Smith is registrar and director of admissions at MU.

J. Eldon Yung, EdD '65, has received the T.R. Gaines Outstanding Faculty Award from the college of applied sciences and technology at Central Missouri State University in Warrensburg.

Gerard Harms, BS CIE '66, of Eldon, Mo., owner of Harms Inc. and a surveyor for Miller County, has been appointed to the Missouri Board of Architects, Engineers and Land Surveyors. His term expires in 1994.

David E. Potts, AB '66, of Mexico, Mo., has received a patent for coking tar impregnated refractory products. He is employed at AP Green Industries Inc.

Cameron Pulliam, M Ed '66, EdD '81, is executive secretary of the Missouri Association for Supervision and Curriculum Development. He is an assistant professor of education at Missouri Southern State College in Joplin.

Alan Brotherton, MA '67, of Muscatine, Iowa, has been promoted to laboratory supervisor of industrial products in the technical service department at Grain Processing Corp. He joined the company in 1985 as an industrial technologist.

C. John Malacarne, JD '67, has been elected secretary and a member of the board of directors of Kansas City Life Insurance Co., of which he is vice president and general counsel.

W. Daniel Svedarsky, BS Ed '67, MA '69, was promoted in May from associate professor to professor of natural resources at the University of Minnesota-Crookston. He has been at the university since 1969 and is head of the natural resources department.

Duane A. Blanck, BS '69, received Minnesota's 1990 Outstanding County Highway Engineer Award Jan. 28. Since 1975, he has served as highway engineer for Crow Wing County at Brainerd, Minn.

Roger McPherson, MA '69, has been promoted to manager of methyl glucoside applications research and development in the research department at Grain Processing Corp. of Muscatine, Iowa. He was laboratory supervisor of industrial products in the technical service department.

Susan Pepperdine, BJ '69, is vice president of public relations at Marketing Resources Inc. in Overland Park, Kan. Last spring, the firm received a first-place Bronze Quill Award for excellence in speech writing from the Kansas City chapter of International Association of Business Communicators. The script "How a

Little Charity Can Do Your Career Good" was created and written by Pepperrine and focuses on 12 job skills that can be acquired through volunteerism.

Charles D. Schmitz, BS Ed '69, M Ed '70, PhD '77, received the 1991 SRI Gallup Mission Award from Selection Research Inc./Gallup Organization for his work in implementing the Missouri Pre-Professional Teacher Interview. Schmitz is associate dean of education and professor of educational and counseling psychology and of higher and adult education and foundations at MU.

Ronald Sergeant, BS Ed '69, M Ed '74, who teaches at Jefferson Junior High School in Columbia, is included in the inaugural edition of Who's Who Among America's Teachers.

THE Seventies

Katherine Stone Barton, BS Ed '70, is principal of the middle school in Oak Grove, Mo. She was assistant principal of the high school.

Lonnie Echternacht, EdD '70, was chosen Graduate Teacher of the Year by the graduate student advisory committee in MU's College of Education. Echternacht is coordinator and professor of business education at the University.

J. Curt Hockemeier, BJ '70, of Oklahoma City graduated April 30 from Harvard Business School's program for

management development.

Bennett C. Larson, PhD '70, is head of the thin films and microstructures section in the solid state division at Oak Ridge (Tenn.) National Laboratory.

David L. May, AB '70, retired June 1 as a lieutenant colonel from the U.S. Air Force after 21 years of military service. Formerly, he was an assistant clinical professor of peridontics at the Oklahoma School of Dentistry in Oklahoma City. He now has opened a peridontics practice in Wichita, Kan.

Elizabeth Schmitz, BS Ed '70, M Ed '75, EdD '80, who is principal at Midway Heights Elementary School in Columbia, is listed in the inaugural edition of Who's Who Among America's Teachers.

Steven Jay Thor, MA '71, of Fort Lauderdale, Fla., is the immediate past president of the Florida Scholastic Press Association.

Douglas S. Lang, JD '72, is president of the Dallas Bar Association. He is a partner of Gardner and Wynne.

Linda Allen McKay, BS Ed '72, M Ed '87, of Columbia is an instructor in child study and psychology at Stephens College. Her husband, **Robert Davis Aulgur**, JD '79, is first assistant prosecuting attorney for Boone County.

Mary J. Schaefer, BS HE '72, MS '78, of Colorado Springs, Colo., is manager of food science research for Imperial Holly Corp.

Daniel B. Scherder, BS BA '72, is vice president of finance and administration for Eastern Associated Coal Corp. in Charleston, W.Va. He was vice president of human resources.

John W. Sheets II, AB '72, MA '74, received a 1991 Byler Distinguished Faculty Award last spring at Central Missouri State University in Warrensburg, where he is a professor of anthropology and director of the university museum.

Marla Tannenbaum, AB '72, MA '73, is director of corporate communications for The Eccleston Organization in Palm Beach Gardens, Fla. She was a divisional manager of public relations for Arvida/JMB Partners in Boca Raton, Fla.

Cmdr. Michael R. Bender, AB '73, is head of Tactical Electronic Warfare Squadron 133 at Naval Air Station, Whidbey Island, Wash. His squadron flies EA-6B Prowlers aboard the USS Forrestal.

Donna S. Osborn Gloe, AB '73, of Marshfield, Mo., is education coordinator at St. John's Regional Health Center, where for the past eight years she has been a staff nurse in the surgical intensive care unit.

Neil Levine, BS Ag '73, president of Cristol and Levine Sales, and his wife,

Cheryl Muschany Levine, BS Ed '74, of Coral Springs, Fla., announce the birth of their daughter, Rebecca Heather, Feb. 7.

Vaman Rao, PhD '73, this spring received the Faculty Excellence Award of \$1,000 from Western Illinois University

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Jennifer N. Hill helps families overcome the obstacles of poverty.

Caring for disadvantaged children

As manager of the newly unveiled Project Early in Kansas City, **Jennifer N. Hill**, AB '71, MS '74, will help disadvantaged children start school ready to achieve. Poor children often lack basic skills that their classmates have mastered and fall permanently behind in learning and life, she says.

To help children even before birth, Hill and her colleagues will start work this fall with future parents to break down the obstacles to self-sufficiency. Hill's teams of professionals will meet with pregnant women and their families to address needs in health care, job training, housing and child care, and to assist in setting goals toward self-sufficiency.

"The best enrichment you can do for young children is not to isolate them from their first educator, the parent," Hill says. "But parents must have resources to devote to that child. Project Early is about supporting parents and changing policies."

Hill's new mission culminates a goal to which she has devoted her whole career. In past jobs she worked for a community-based agency that set up primary health-care clinics at high schools in the city's poorer areas. She also has worked for a community foundation that administered grants to agencies such as YouthNet, an outreach and counseling program for at-risk youth. — *Dolores Shearon*

in Macomb, where he is professor of economics.

L. Ann Tatum Coulson, BS Ed '74, PhD '88, has received the Conoco Outstanding Undergraduate Teaching Award at Kansas State University, where she is an assistant professor of human development and family studies.

Robert A. Godke, PhD '74, has received the University Research Master Award, which included \$1,500 cash, and the University Medal for Research at Louisiana State University in Baton Rouge, where he is professor of animal science and of veterinary physiology.

Velma Jessor, BS Ed '74, M Ed '75, of Eugene, Ore., received a doctorate in educational policy and management June 9 from the University of Oregon.

Jim Kyd, BS Ed '74, M Ed '86, of Columbia is editor of the Missouri Industrial Technology Education Association's newsletter.

Charles W. McKinney, EdD '74, has been elected president of the American Association of Collegiate Registrars and Admissions Officers. The association has more than 8,000 members from 2,200 colleges and universities. He is registrar and dean of admissions at the University of California at Santa Barbara.

Terry Martin, BS Ed '74, M Ed '76, has received the Distinguished Professor Award at William Woods College in Fulton, Mo., where he is a professor of art. The award carries a \$3,000 stipend and is the highest honor given by the college to a faculty member chosen by representatives from the student body.

Dinah Ruth Mutert, BS Ed '74, of Labadie Elementary School in Washington, Ill., is listed in the inaugural edition of Who's Who Among America's Teachers.

Wally Petro, EdSp '74, of St. Louis was inducted into the National Wheelchair Basketball Association's Hall of Fame March 23. Petro, who lost his left leg in a street-car accident in 1945, began playing wheelchair basketball with the St. Louis Rolling Rams during the 1949-50 season, and in three decades he played on three national championship teams. Petro was a vocational education instructor for three years at Hazelwood High School and taught at Normandy High School for 18 years before he retired in 1984.

Steven W. Polk, BS CIE '74, of St. Louis has founded According to Plan, a firm that specializes in developing business management and marketing strategies for professional service businesses. Formerly he was president of Polk and Polk, an architectural and engineering firm.

Steven M. Schrader, BS Ag '74, MS '75, PhD '78, co-wrote an article "Longitudinal Study of Semen Quality of Unexposed

Workers: Sperm Head Morphometry" that won the 1991 Alice Hamilton Science Award for Occupational Safety and Health. Established in 1988 by the National Institute for Occupational Safety and Health and named for a pioneer in industrial hygiene, the award is given to the publication that has the greatest scientific merit and the biggest impact on national occupational safety and health policy.

Sandra Shelley, BSN '74, is a consultant in the health law operations and quality practice of Ernst and Young in Chicago. She was vice president of nursing services at Children's Hospital in St. Louis.

Joy Underdown, M Ed '74, who teaches at Fairview Elementary School in Columbia, is listed in the inaugural edition of Who's Who Among America's Teachers. **Nathan Belt "Nate" Walker**, BS Ag '74, MS '75, former director of the Missouri Division of Highway Safety, is director of administration for the Missouri attorney general's office in Jefferson City.

Homer Duvall III, BS BA '75, of St. Petersburg, Fla., is an associate of Rydberg, Goldstein and Bolves, a law firm in Tampa, Fla., where he was southeast division counsel for Transamerica Title Insurance Co.

Larry B. Hoelscher, BS Ag '75, of Jefferson City is a regional account man-

ager for Fermenta Animal Health of Kansas City.

Patrick Vincent Gaffney, M Ed '75, of Carthage, Miss., received a doctorate in educational administration and leadership from the University of Mississippi-Oxford, May 18.

Hank Landry, BS Ed '75, M Ed '79, an educator at Hickman High School in Columbia, is listed in the inaugural edition of Who's Who Among America's Teachers.

Jack L. Pollock, BS PA '75, of Danbury, Conn., has been promoted to manager of finance and planning for International Business Machines Corp.

Dennis K. Blossom, M Ed '76, is vice president for event services of the World Business Council Inc. in Washington, D.C., an international organization of more than 1,300 corporate chief executives. Before he joined the council in 1985, Blossom was director of budget and financial planning at MU.

Peggy Kadlec Collins, BS PA '76, MS '78, and her husband, Bob, of Kansas City announce the birth of their son, David John, Feb. 28.

Donald J. Farish, JD '76, is vice president for academic affairs at Sonoma State University in Rohnert Park, Calif.

P. Gregory Garrison, BS BA '76, is part-

ner in charge of the accounting and auditing services practice at Price Waterhouse in St. Louis.

Bonnie Dubois Hilton, AB '76, of West-ern Springs, Ill., announces the birth of her daughter, Schuyler, Oct. 5.

Brad Korbesmeyer, BJ '76, of Pittsburgh received the 1991 New Harmony Play-writing Award for his full-length drama *Open Window*. The play explores how a young woman's murder affects her family and touches on issues facing parents of murdered children. Korbesmeyer graduated in May with a master's of fine arts degree from Carnegie Mellon University. **Janine Lacy**, BS Ed '76, who teaches at Southern Boone Country R-1 High School in Ashland, Mo., is listed in the inaugural edition of Who's Who Among America's Teachers.

Grant E. MacDonald, BS Ag '76, of Landenburg, Pa., has been promoted to manager of training and employee development in the agricultural products division of ICI Americas Inc. of Wilmington, Del.

Linda D. Timmons, BS HE '76, is a pharmacy buyer at Research Medical Center in Kansas City.

Patrick Lacefield, AB '77, is associate director of the Commission on United



Join the MU family in a salute to the veterans of Desert Storm. A Red, White and Blue Halftime will be celebrated at the Memphis State game on October 5.

Veterans of Desert Storm and their guests may buy reduced-price tickets for \$11 each. The celebration begins at 11 a.m. with a pre-game luncheon buffet for veterans and their families at the VIP hospitality tent, southeast of Memorial Stadium. For reservations, call (314) 882-1989. Kickoff is at 1 p.m. The gala red, white and blue halftime will feature Marching Mizzou, a 100-voice chorus and a special appearance by Maj. Gen. Burton Moore, one of 10 generals who report directly to Gen. H. Norman Schwarzkopf.

★ Be a part of this star-spangled salute during Parents Weekend ★ For more information, call (314) 882-6333 ★ Mail in your ticket order form today!

Name _____

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Daytime phone _____ No. of tickets _____ X \$11 = Total Amount Due: \$ _____

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Make checks payable to the University of Missouri. Orders must be received by Sept. 20, 1991. No day-of-game sales at this special discount price. Mail Coupon to: Mizzou Athletic Ticket Office, Box 675, Columbia, Mo. 65205

States-Latin American Affairs in Washington, D.C.

Allison Worth Norwood, BSN '77, and her husband, Scott, of Anchorage, Alaska, announce the birth of their son, Joshua William, Nov. 16.

James S. Westman, PhD '77, is director of the student health center at Purdue University in West Lafayette, Ind.

Rick Ganey, BS BA '78, of St. Louis announces the birth of his son, Neal Richard, May 4.

Rick Shaw, BJ '78, graphics editor for special projects at *The Sacramento* (Calif.) *Bee*, this spring was selected Picture Editor of the Year in the 48th annual Pictures of the Year competition at MU. Shaw also placed first in best feature picture story category.

Tim Auer, BJ '79, is director of Seeds of Hope in St. Louis, a neighborhood assistance program. The project, which helps low-income families, is sponsored by the Missouri Department of Economic Development.

Shelia Cawvey Boggess, BJ '79, has been promoted from a copy editor to copy desk supervisor at the *San Angelo* (Texas) *Standard-Times*.

Phil Hartman, PhD '79, received the 1991 Faculty Recognition Award April 19 from students in the honors program at Texas Christian University in Fort Worth, Texas, where he is an associate professor of biology.

Jane Mathae Melville, BS IE '79, a planning engineer with American Telephone and Telegraph in St. Louis, and her husband, Frank, announce the birth of their son, Douglas Kyle, April 8.

Jeannette Pai, AB '79, is director of affirmative action and senior policy adviser to the governor of Oregon. She was executive director of the Metropolitan Portland Human Rights Commission.

Teresa A. Rutledge, BS '79, is a bank examiner for the comptroller of the currency office in Dallas.

Randy Sell, BS Ag '79, and his wife, **Nancy Lewis Sell**, BS PA '78, of Jefferson City announce the birth of their son, John Henry, May 18.

Cynthia Lewis Sitomer, BS BA '79, and her husband, David, of Leawood, Kan., announce the birth of their son, Kyle Andrew, Jan. 16.

S. Bradley Squires, AB '79, and his wife, **Julie Kahn Squires**, BS Ed '81, of Springfield, Mo., announce the birth of their daughter, Erin Elizabeth, Feb. 8.

Mavis Thompson, BSN '79, JD '90, has joined the firm of Carr, Korein, Tillery, Kunin, Montroy, Glass and Bogard in St. Louis, where she is specializing in medical malpractice law.

Sandra Etz Wysocki, BJ '79, of

Waukesha, Wis., is research manager for the *Milwaukee Journal* and *Sentinel* newspapers. She and her husband, Paul, announce the birth of their son, Matthew Stephen, Feb. 20.

THE EIGHTIES

Jeffrey P. Abbott, BSEd '80, of Andover, N.J., has been promoted to product manager for American Cyanamid-Davis and Geck International.

Russell N. Carney, M Ed '80, PhD '84, has been promoted to an associate professor of psychology at Southwest Missouri State University in Springfield.

Barbara Ferguson Engel, BS Ag '80, and her husband, Russ, of Overland Park, Kan., announce the birth of their daughter, Samantha Leann, March 8.

Leslie Hurst, BJ '80, is marketing director for the *Pensacola* (Fla.) *News Journal*. She was marketing director for *The Times* in Shreveport, La.

Barbara L. Pyles Kelly, BS Ag '80, a floral designer at Designs by Gordon in St. Joseph, Mo., won second place in the FTD America's Cup design competition. She created entries for a wedding bouquet, a centerpiece, a surprise package and a theme piece that represented commitment to the planet.

Tim Kubatzky, BJ '80, is a development officer and director of prospect evaluation for Rice University in Houston. He and his wife, **Katherine Kerr Kubatzky**, BJ '80, of Houston announce the birth of their sons, Erin Kerr and Lindsay Kerr, Sept. 30.

Suzy Marcus, BJ '80, and **Bill Goldberg**, AB '79, of Cincinnati announce the birth of their daughter, Jillian Maxie, Jan. 27.

Cheryl Wigger Devaney, BS Ed '81, and her husband, Tim, of Chesterfield, Mo., announce the birth of their second daughter, Elizabeth Claire, Jan. 20.

Steven L. Hellwege, BS Ag '81, and his wife, **Lynn Hellwege**, BS HE '81, of Kirkwood, Mo., announce the birth of their son, Sam Klein, June 5.

Robert Jacobi Jr., BJ '81, is president of the Kansas City Press Club, which has nearly 150 members at all levels of print and broadcast journalism in western Missouri and eastern Kansas. Jacobi is assistant director of public information at Rockhurst College in Kansas City.

John D. Matteson, BS Ag '81, and his wife, Michele, of Columbus, Neb., announce the birth of their daughter, Katelyn Pearl, Dec. 29.

Janice Lynn Hughes Milender, BJ '81, and her husband, Jay, of Boston announce the birth of their daughter, Schuyler Ann, May 15.

Ann Mullis Presley, AB '81, of Kansas

Hearnes Center ★ Upcoming EVENTS ★ 1991-1992

AUGUST

2

★ Summer Commencement

3-7

Methodist Youth '91 Convention

30-31

Lion's Club Antique Show

SEPTEMBER ★

1-2

Lion's Club Antique Show continues

8

M.S. 150 St. Louis to Mizzou Bike Tour

14

Salute to Agri-Missouri

OCTOBER

6-8

Red Cross Blood Drive

27

College Day Fair

29 & 30

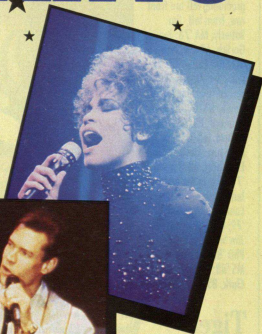
Sesame Street Live "Silly Dancing"

NOVEMBER

3

Hearnes Center/MSA Craft Studio Art & Craft Show.

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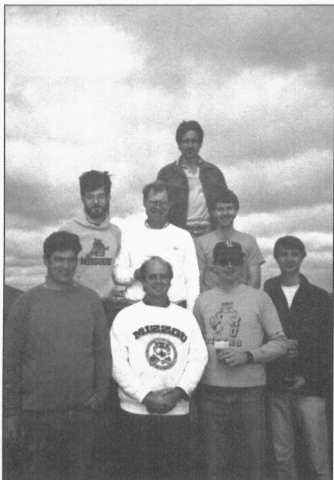
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Helping clean up beaches while promoting MU are front row, from left, Jim Satterly, MA '78; Joe Garlich, AB '78, PhD '82; Jim Porter, BS '77; Craig Schultz, MS '89; second row, Sam Qualls, BS '89; Jack Muskopf, BS '78; Tom Millard, MA '83; and back row, Steve Ellebracht, AB '73, MA '77. Also in the group but not shown are: Lonnie Hazlitt, Grad '79; Mark Nace, BS '79; Jim Simon, MA '78, PhD '80; Lisa Schwane, MS '88; and Stephen Clark, BS, BS ChE '79.



Tiger beach

In Texas, a sand dune is growing in the shape of "MU" thanks to 13 alumni. These former chemistry majors joined a program promoting new sand dune formation on Texas beaches, says **Joe Garlich**, AB '78, PhD '82. In January, the alumni staked discarded Christmas trees in the sand to spell out MU. "Our group has been committed for several years to help clean up local beaches," Garlich says. In 1987, they adopted a mile of beach as part of Texas' Adopt-A-Beach program. Part of the group initiated Texas' first Adopt-A-Creek program to save the streams in their home community of Lake Jackson.

These alumni work at Texas Operations in Freeport, a division of The Dow Chemical Co. Inc., largely because of the recruiting efforts of **Steve Ellebracht**, AB '73, MA '77, Garlich says.

Besides community service, one of the group's goals is to heighten awareness of MU. In November, the members entered a float at the Lake Jackson Festival of Lights Parade, featuring their children as future MU alumni. The float, which won a third place prize, featured a tiger head on top.

— Joan M. McKeen

City is director of finance for U.S. Sen. Christopher S. "Kit" Bond's 1992 re-election campaign.

Tim Raine, BS BA '81, of Grapevine, Texas, is project manager for FAMCO Services Inc., a subsidiary of Team Bancshares Inc. He oversees more than 1,500 assets for Resolution Trust Corp. in

Houston.

Randall W. Schroer, AB '81, of Overland Park, Kan., formerly associated with Boddington and Brown, now is associated with the law firm of Shugart, Thomson and Kilroy in Kansas City.

Brad Bonhall, BJ '82, of Laguna Niguel, Calif., has won the Western Publications

Association's Maggie Award for best retail magazine. He also won the *MagazineWeek* Publishing Excellence Award in the retail category. Bonhall is editor in chief of *Action Sports Retailer* magazine in South Laguna, Calif.

Gymlyn Mulnix Corbin, BS Acc '82, of Olathe, Kan., is an electronic data processing auditor of Yellow Freight System Inc. in Kansas City, Mo.

Ronald E. King, EdD '82, is dean of continuing education and professional development and a professor of business administration at Bradley University in Peoria, Ill. He was an assistant dean and director of the Missouri Institute for Executive Development at MU.

Joe Link, BJ '82, is a senior editor for *Progressive Farmer* magazine in Birmingham, Ala. He was editorial director for HBJ Farm Publications in Orlando, Fla., where he supervised the editorial staffs for 10 state farm magazines.

Maribeth Samen-Chambers, BJ '82, is mayor of Louisburg, Kan. She and her husband, **Mike Chambers**, BJ '82, announce the birth of their son, Gabriel Charles, Nov. 10.

Kay Jones Tung, DVM '82, and **Pierre L. Tung**, DVM '81, of St. Louis has purchased Bridgeton Animal and Dental Clinic. Their son, Robert Weldon, was born Dec. 13.

Nancy Russo Blakeley, AB '83, and her husband, Dan, of Ellisville, Mo., announce the birth of their son, Zachary Daniel, March 7.

Chuck Chalender, BS BA '83, and his wife, **Mary Harris Chalender**, AB '83, announce the birth of their son, Charles Harris, Feb. 6.

Lou Harris, BS Ed '83, teaches sixth grade at Northeast Randolph R-4 schools in Cairo, Mo.

Thoms P. McMillin, BS Acc '83, is vice president of acquisitions and finance at Cencom Cable Associates Inc. in St. Louis. He was assistant vice president of acquisitions.

J. Philip Pease, AB '83, of Farmington, Mo., is a casualty claims analyst for American Family Insurance. He and his wife, Marcia, announce the birth of their son, Robert Owen, Feb. 1.

Ann Marie Wamser Schlueter, BJ BS BA '83, of Topeka, Kan., has been promoted to distribution manager with Payless Shoe Source Corp.

Kurt J. Wayne, AB '83, and his wife, Sandra, of Little Rock, Ark., announce the birth of their daughter, Victoria Siobhan, Sept. 6, 1990.

Sharon Pollack Browne, BJ '84, of Harrisonburg, Va., has won a Virginia Press Association Award for business and financial writing for her series examining

Mizzou fans deserve extra credit.



Attention faithful Mizzou supporters. Now there are two new ways you can help the alumni association fund-raising efforts while saving money at the same time. Announcing the MU Alumni Association MasterCard® and VISA® cards. Apply for yours in just five minutes by calling 1-800-453-BANK.

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Kate Arnold and Gary Gonder have brought millions of dollars to Missouri through movies, commercials, music videos and television series.

Missouri goes Hollywood

When Roger Pugliese, production manager for the movie *Pretty Woman*, wanted a location for a movie about a veterans hospital, he called the Missouri Film Commission in Jefferson City. **Kate Arnold**, BS '83, the commission's production coordinator, met Pugliese in Kansas City and spent a week showing him possible sites. As a result, *Article 99*, a \$16 million production, was filmed in Missouri. "Not bad for seven days work," Arnold says.

Arnold and **Gary Gonder**, BJ '81, director of the commission, have been bringing stars to Missouri since 1985. When they started, the total economic impact of films was \$4.5 million. Through their marketing efforts, the figure rose to \$36 million in 1990. Gonder credits his journalism degree for helping him create an award winning 76-page location brochure, *Missouri, Your 69,674 Square Mile Backlot*, that helps attract film makers to the area. His marketing skills help him sell the directors on Missouri and Missourians on the film. "If the people aren't ready to have a film company come to their community, then it won't work," Gonder says. "But most people like to see stars shopping in their local Wal-Mart."

Arnold's background in architectural design helps her locate the type of structure the movie crew needs. "Ninety-eight percent of the time when they are looking for a location, they want a certain architectural look."

Some of the productions that liked the look of Missouri include the movies *White Palace*, *Rocky V*, *Mr. and Mrs. Bridge*, *The Prosecutors*; television movies *Sometimes They Come Back*, *Cross of Fire* and *Back to Hannibal*; television series *Unsolved Mysteries*, *Rescue 911*, *Inside the NFL* and *America's Funniest People*; commercials for Taco Bell, Nike, Honda, RCA Records and Freixenet Champagne; and music videos of Janet Jackson, Rainmakers, David Stewart, Kentucky Headhunters and MTV's *School's Out Weekend*. — *Joan M. McKee*

John L. Harris, AB '84, of Omaha, Neb., is a student activities adviser at the University of Nebraska and the host of *Issues of Our Time*, which is broadcast Thursday nights in Omaha on Cox Cable Channel 23. He and his wife, **Charlene Maxey**

Harris, MA '85, announce the birth of their daughter, Shannon Olyna, May 24. **Gregory J. Horn**, BS CIE '84, of St. Charles, Mo., is a resident engineer with the Missouri Highway and Transportation Department in St. Louis. He and his wife, **Debra Niederschulte-Horn**, BS Ag '83, announce the birth of their son, Tyler Gregory, March 17.

Laurie LaBrier, BSN '84, of Baltimore has been accepted to the University of Maryland's trauma and critical care master's program in nursing. She is a primary nurse II in the neurosurgical intensive care unit at University of Maryland Hospital.

Mark Langworthy, BS Ag '84, JD '90, is employed with the firm of Brown, Willbrand and Simon in Columbia. He and his wife, **Jacki Premer Langworthy**, BJ '82, MS '87, announce the birth of their son, Joseph Franklin, March 11.

Margaret "Mags" Militzer Leitner, BHS '84, and her husband, Mark, of Lancaster, Texas, announce the birth of their daughter, Sarah Ashley, April 23.

Monica Lovato, AB '84, of Denver is employee communications specialist for the Public Service Company of Colorado.

David A. Poggemeier, MD '84, practices emergency medicine in Hilton Head, S.C., and is a regional medical director for Coastal Emergency Services Inc. He and his wife, Margaret, announce the birth of their daughter, Elise Aubrey, April 19.

Carolyn Powers, MA '84, of Higden, Ark., is director of the Abington Memorial Library at Arkansas State University-Beebe. She was library coordinator of the Ste. Genevieve, Mo., school system.

Scott R. Seaman, AB '84, and his wife, **Tracey Blair Seaman**, BS BA '84, announce the birth of their son, Kelly Thomas, Dec. 12 in Bamberg, West Germany.

Tracey L. Stevens, BHS '84, of Gladstone, Mo., graduated in 1990 from the medical school at the University of Missouri in Kansas City, where she is a resident at St. Luke's and Truman hospitals.

Junette Trole, BSN '84, is an occupational health nurse for Cargill Inc.'s poultry products division in California. Mo.

Teresa Wilson, BS Ed '84, head softball coach at the University of Minnesota, was chosen Big Ten Coach of the Year for 1991.

Kenneth DeLuca, PhD '85, associate professor at Millersville (Pa.) University, is president-elect of Technology Educator Association of Pennsylvania.

Robert W. Furgeson, BS Ag, BS AgE '85, BS ME '86, has been promoted from project manager to engineering manager and general office manager at Beling Consultants Inc. in Rockford, Ill.

Judith R. Lampe, M Ed '85, EdSp '88, a

the Medicare system. **Suzanne Davis Earle**, BSN '84, is a charge nurse in the extended care unit at Union Memorial Hospital in Baltimore. She and her husband, Chip, announce the birth of their daughter, Michelle Suzanne, Feb. 28.

lecturer at Texas Tech University in Lubbock, was selected as the university's Outstanding Doctoral Student in education for 1991-92.

Kristi Meyers-Gallup, BJ '85, is associate director of development for the law school at Washington University in St. Louis. She was campaign associate for the Jewish Federation of St. Louis.

Vincent L. Shelby, AB '85, of Quitman, Mo., received a doctor of chiropractic degree in April from Logan College of Chiropractic in Chesterfield, Mo. He plans to practice in Maryville, Mo.

Deidre Wipke-Tevis, BSN '85, who completed requirements for a master's degree in nursing at the University of California-San Francisco in June, has been accepted into the PhD program there. She is a part-time clinical nurse at the university's medical center.

William P. Wright, MD '85, of Des Peres, Mo., completed his cardiology fellowship in June at MU and has opened a private practice in St. Louis. He and his wife, **Jennifer Piekarski Wright**, BS Acc '83, announce the birth of their daughter, Caroline Ann, March 21.

Michael J. Frame, AB '86, and his wife, **Betsy Silvius Frame**, BS Ed '85, of Kansas City announce the birth of their son, Hank Walden, May 20.

Gordon J. Hill, BS ChE '86, BS ME '88, of Webster, Texas, is a process engineer with Arco Chemical in Houston.

Yahya R. Kamalipour, PhD '86, of Crown Point, Ind., has been promoted to an associate professor of communication at Purdue University Calumet in Hammond, Ind.

Caroline C. Miller, BJ '86, of St. Louis produces the *Morning Zoo* show at radio station KSHE 95.

Craig G. Mohler, MD '86, who completed a residency in orthopaedic surgery at the University of Iowa in June, has a fellowship in total joint replacement at Rush-Presbyterian St. Luke's Medical Center in Chicago. He and his wife, **Julia Wall Mohler**, BS Ed '83, announce the birth of their daughter, Anne Eliza, May 7.

Alana Schwermer, BJ '86, of Tallahassee, Fla., is associate editor of *Florida Funeral Director* magazine and *THANATOS* magazine.

Sharon Schaper Sweeney, BS HE '86, and her husband, Jim, of St. Louis announce the birth of their daughter, Shannon Nicole, March 18.

Brien Richard Waage, AB '86, and his wife, **Linda Kay Wagge**, BHS '85, of Fulton, Mo., announce the birth of their son, Matthew Carso, April 2.

Shauna Rose Coon Hermel, BS Ag '87, of Montgomery, Minn., is assistant editor

of *BEEF* and *National Hog Farmer* magazines.

Christopher Miller, BS '87, a graduate student in space physics and astronomy at Rice University in Houston, received one of four scholarships for the 1991-92 academic year from the Achievement Awards for College Scientists Foundation Inc. Miller, working with Hubble Space Telescope astronomer Bob O'Dell, studies the Bowen resonance-fluorescence in planetary nebulae.

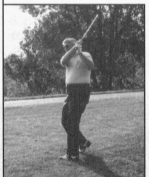
Michael E. Miller, BS Ag '87, of Indianapolis received a medical degree May 18 from the college of osteopathic medicine at University of Health Sciences in Kansas City. He is a resident in anesthesiology at Indiana University.

Ist Lt. Gayle Schotte, BSN '87, is an intensive care nurse at David Grant Medical Center at Travis Air Force Base, Calif. **Sherry Gunn**, AB '88, of Jefferson City graduated in May from the law school at Washington University in St. Louis. She is a clerk for Charles Blackmar of the Missouri Supreme Court.

Richard A. Hack, MD '88, of Maryland Heights, Mo., completed a pediatric residency at the University of Kentucky and has joined South County Pediatric Associates in St. Louis.

Barbara Morefield, M Ed '88, who

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teaches at Southern Boone County R-1 High School in Ashland, Mo., is listed in the inaugural edition of Who's Who Among America's Teachers.

Kevin D. Scott, AB '88, has been promoted from producer/director to production manager of KOLR-TV Channel 10 in Springfield, Mo.

Li. Eric R. Bass, BS Ed '89, is a missile launch/operations officer at Ellsworth Air Force Base, S.D.

Brent Minear, BS Ag '89, and his wife of Livonia, Mo., announce the birth of a son, Braydon Alan, Feb. 8.

Brian C. Peterson, BJ '89, is an associate editor with National Football League Properties Inc. in Los Angeles, the marketing, licensing and creative services arm for the National Football League.

Walter L. Pfeffer II, BGS '89, a sales representative for the Mutual of Omaha Cos., was chosen a quality agent for 1990. The award recognizes sales representatives who produce and maintain a high quality of business through outstanding field underwriting and policyowner service. Pfeffer of Columbia is associated with the Dean Arthaud's divisional office in Jefferson City.

Richard Ransom, BJ '89, has been promoted from reporter and anchor at WMBD-TV in Peoria, Ill., to reporter at WJXT-TV in Jacksonville, Fla.

Elizabeth N. Ronsick, BJ '89, is a copy writer for Chiat/Day/Mojo Inc. Advertising in New York City.

Ronald Schmidt, BS RPA '89, and his wife, **Karen Schmidt Schmidt**, BFA '85, of Columbia announce the birth of their daughter, Kelli Adele, March 8.

Heather Van Tress, AB '89, is attending the summer session of the American School of Classical Studies in Athens, Greece. This fall, she will complete requirements for a master's degree at Washington University in St. Louis.

THE NINETIES

Sujoy Deb, PhD '90, of Baltimore is a senior engineer in the research and applied technology division of Black and Decker Corp. in Towson, Md.

James Brad Funk, JD '90, has joined the law firm of Chapman, Cowherd and Turner in Brookfield, Mo.

Brenda C. Higgins, MS '90, is an assistant professor of nursing at Northeast Missouri State University in Kirksville, where she also is co-coordinator of a nursing rape crisis team at Kirksville Osteopathic Medical Center.

Jennifer C. Paulsen, AB '90, is an operations clerk in the securities department at Federal Reserve Bank of Kansas City.

Melissa C. Shore, MBA '90, of Woodbury,

Conn., is a tax analyst in the personal property tax department at International Business Machines Corp. in Southbury, Conn. **Gaye L. Swan**, BS Ag '90, has been promoted to guest services manager at Victorian Inn in Cape Girardeau, Mo.

WEDDINGS

Lisa Allen McKay, BS Ed '72, M Ed '87, and **Robert Davis Aulgur**, JD '79, of Columbia March 30.

Dan H. Rathgeber, AB '72, and Carla Haar of St. Louis March 16.

Mary Anne Ernst, BS '79, M Ed '83, PhD '87, and Mark Lynn Edgley of Columbia March 28.

Teresa A. Rutledge, BS '79, and M. Grant Wilson of Dallas June 15.

Charlisa Faulkner, BGS '81, and Robert W. Allen of Columbia May 25.

Nathan E. Marcus, BS BA '82, and Julie Acquino, of Birmingham, Ala., Aug. 25, 1990.

Amy Louise Sagehorn, BHS '82, and Donald Michael Tucker of Kissimmee, Fla., May 5.

Mitchell Pink, AB '83, and Carolyn Clark of Chicago July 20.

April Adler, BJ '84, and Justin T. Roscoe of Baltimore April 27.

Mary Beth Bergdett, BJ '84, and Troy Sterling Fosberg of Canoga Park, Calif., March 23.

Julia A. Bram, AB '84, and Dan Lang of Westwood, Kan., May 26.

Phillip M. Henry, PhD '84, and Jill Enloe of Bridgeton, Mo., June 29.

Carla J. Alber, BS ME '85, and Don Lansing of Maryland Heights, Mo., May 11.

Randall Paul Rhyner, AB '85, and Judi Foss of Prairie Village, Kan., June 1.

Bret A. Stewart, BS CoE, BS EE '85, MS '86, and Debra Dee Murray of Austin, Texas, May 25, 1990.

Valerie Von Waits, BS Ed '85, and Edwin G. Mueller of Holts Summit, Mo., April 27.

Nicolette Marble Butzer, BS BA '86, and **Daniel Towles Sims**, BS Ag '83, of Overland Park, Kan., May 11.

Stewart DeVilbiss, BS EE '86, and Elizabeth Hoehne of Dayton, Ohio, April 6.

Caroline C. Miller, BJ '86, and Thomas J. Schmitt of St. Louis June 22, 1990.

Marilyn Moss, BS BA '86, and John M. Buck of Kansas City June 8.

Catherine Elaine Primus, BS Ag '86, and Greg Thomas Gannon of St. Louis April 13.

Susan A. Singleton, BS '86, and Edward James Carter of Kissimmee, Fla., Feb. 14.

Rita Jean Bratten, BS BA '87, and Alan Thomas Rauba of Chesterfield, Mo., June 8.

Shauna Rose Coon, BS Ag '87, and Todd W. Hermel of Montgomery, Minn., Nov. 24, 1990.

Laura Anne Fisher, BS Ed '87, and **Gregory Joseph Rottjakob**, BS Acc '87, of Ballwin, Mo., Aug. 4, 1990.

Patrick Craig Forde, BJ '87, and Patricia Ann Miller of Lexington, Ky., June 21.

Brian Clark Garrett, BFA '87, and Lori Ann Broman of Columbia May 12.

Carol Kouba, BJ '87, and J. Bradley Young of St. Louis Dec. 1.

Maretta Rogers, BHS '87, and Bob Diestelkamp of St. James, Mo., May 11.

James J. Aubuchon, BS Ed '88, and Melissa Anne Taylor of Ballwin, Mo., Dec. 22.

Julie Marie Brandt, BS Ag '88, and **John Troy Andrews**, MS '89, of St. Louis May 25.

Thomas Albert Holt, BS CoE '88, and Samantha Lynn Kemper of Rolla Jan. 5.

Laura Jo Howard, BS BA '88, and Bradley Carroll Wright of St. Louis May 18.

Melinda Kerns, BS '88, and James Petet of Blue Springs, Mo., April 20.

Duke A. McDonald, JD '88, and Kelly Van Ommeren of Kansas City Nov. 24.

Sandra Michelle Noonan, BS BA '88, and **Robert Morrow Moss**, BS Ag '82, of Chesterfield, Mo., April 27.

Karen O'Connor, BS Ed '88, and William Knabe of Lenexa, Kan., June 22.

Michael L. Rackers, BS BA '88, and Patricia Geraldine Kampeter of Jefferson City April 13.

Joan Priscilla Welter, BJ '88, and **Ted H. Baker**, AB '88, of Arlington Heights, Ill., April 13.

Douglas M. Wynd, BS BA '88, and Tricia Kay Toohey of Cape Girardeau, Mo., June 1.

Robin C. Beach, BS Ed '89, and Charles L. Steinhau of Columbia June 1.

Tonia A. Busse, BJ '89, and David W. Stauss of O'Fallon, Mo., May 11.

Maria Antoinette Cucuereanu, BJ, AB '89, and Keith Allen Dockins of St. Louis Feb. 2.

Gina Veri Herrmann, M Ed '89, and **Dennis Ganahl**, BJ '76, of Columbia March 16.

Laura A. Jacobs, BS Ag '89, and **Paul K. Eggeman**, BS Ag '83, of Columbia May 18.

Sangeeta Jain, MD '89, and **Jonathan McHaneey Roberts**, MD '89, of Southfield, Mich., April 6.

Ellen Loethen, BS BA '89, and Michael Elwood of Columbia May 18.

Mary Ann Maxwell, BHS '89, and Bradley Kent Daugherty of Columbia June 8.

Kimberly S. Moore, BSN '89, and Leonard J. Danaher Jr. of Lee's Summit, Mo., May 4.

Janet Stanaway, BS Ag '89, and Ed



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Stevens of Hardsy, Okla., April 20.

Kellie Sue Alderson, BS BA '90, and **Brian Scott Lacy**, BS EE, BS CoE '90, of Prattville, Ala., March 23.

Michael J. Massman, BS Ag '90, and Nancy Ann Holtermar of Jefferson City April 13.

Bonnie Neuner, JD '90, and Kevin Kuebler of Chesterfield, Mo., May 4.

David Gerard Maloney, M Acc '90, and Jane Carol Tucker of Ballwin, Mo., Dec. 29.

Sabrina Schatz, BS '90, and **H. Wesley Hardin**, BS EE '89, of Kansas City Feb. 2.

Donna M. Viet, BS Ed '90, and **Douglas G. Pleus**, BS Acc '86, of Manchester, Mo., April 6.

Carl Edward Yost, BS BA '90, and Denise Ray Roy of Austin, Texas, May 18.

DEATHS

Cecil B. Jolley, Arts '18, June 19 in Kansas City at age 93. He owned his own advertising agency in St. Louis from 1945 until he retired in the mid-1960s. Survivors include two sons and a daughter.

Herbert R. Oliver, BS Engr '22, June 4 in Jefferson City at age 92. He retired in 1964 from the Missouri Highway Laboratory. Survivors include a son.

Russell G. Kincaid, BS '23, May 27 in St. Joseph, Mo., at age 90. He worked for Burns and McDonnell Engineers-Architects-Consultants for 40 years before he retired as a partner in 1966. Survivors include his wife and daughter.

William H. "Chick" Kircher, Ag '23, Feb. 4 in St. Paul, Minn., at age 88. He was a former editor and editor in chief of *The Farmer* magazine and a former president of the American Agricultural Editors Association. His wife survives.

Don Nelson Walker, BJ '27, May 4 in Merriam, Kan., at age 85. He owned and operated Crag O'Lea resort in Pineville, Mo., from 1975 until he retired in 1988. He was Midwest regional publicity director for Warner Brothers Pictures Inc. from 1945 to 1975. Survivors include three sons and two daughters.

Lawrence E. May, BJ '28, March 27 in Rolla at age 86. He published the *Rolla Herald* from 1947 to 1956, when he established the May Printing Co. He retired in 1970. May also served as city treasurer and was a member of the Rolla board of education. Survivors include his wife, **Helen Christy May**, BJ '28; his daughter, **Janet May Brown**, BS Ed '54; and his son.

Edwin L. Michel, BS BA '28, April 28 in Carthage, Mo., at age 84. For several years he operated a clothing factory in West Plains, Mo. Survivors include his wife and his son, **William E. Michel**, BS Ag '55, DVM '61.

Sinda Gladys Davenport Danley, BS Ed '29, May 27 in Columbia at age 86. She was a former owner and operator of the Topic Cafe and Bull Pen Cafe, and was a schoolteacher in Midway and Hallsville, Mo. Survivors include two sons and two daughters.

Albert L. Gurley, BS Ed '30, of Sarcoxie, Mo., June 8 in Joplin, Mo., at age 89. Before he retired, he was an educator and a school administrator, co-owner of two automobile dealerships and of the First National Bank of Sarcoxie. Survivors include his daughter.

Harold M. McDonald, BS '30, of Hendersonville, N.C., March 20 at age 85. He was a sales engineer for General Electric in New York. Survivors include his wife and two sons.

Edward E. Swain Jr., BJ '31, April 28 in Kirksville, Mo., at age 82. From 1972 to 1990 he was editor and publisher of the *Kirksville Daily Express*. Survivors include his daughter and son, **Edward E. "Tony" Swain III**, BJ '57.

Edward Irvin Dunkin, BS Ed '32, of Kansas City May 12 in Independence, Mo., at age 81. He worked for the Missouri Division of Welfare for 38 years and was director of the Jackson County office from

1952 until he retired in 1972. Survivors include his wife; his son, **James E. Dunkin**, BS CIE '88; and his daughter.

Robert G. Lowry, BJ '32, April 30 in Phoenix, Ariz., at age 80. He was a former owner and operator of the *Aurora* (Mo.) Advertiser. Survivors include his wife, daughter and son.

Sheridan Morgan, AB '32, May 20 in Kansas City at age 80. He was a former lawyer with the Morris and Larson firm and a former owner of the Queen Modes Clothing Manufacturing Co. Survivors include his wife and daughter.

Mazie Lucille Bledsoe, BS Ed '33, of McLean, Va., April 16 in Arlington, Va., at age 78. She was an administrative assistant for former U.S. Sen. Stuart Symington from 1954 until she retired in 1977.

Marion Clark, BS Ag '33, MS '61, June 14 in Columbia at age 72. He retired from MU in 1973 as a professor of agricultural engineering. Survivors include his wife, two daughters and a son.

Kathleen Fowler King, BFA '34, MA '43, June 7 in Manchester, Mo., at age 82. She taught piano for nearly 40 years and was an organist for many years for several churches in the St. Louis area. In the 1920s and early 1930s, she played organ for silent movies at a theater in Boonville, Mo. Survivors include her daughter and son.

E. Bond Proctor, BS BA '34, of California, Mo., May 25 in Jefferson City at age 81. He was president of Proctor Lumber Co. Survivors include his wife and son.

Mattaree Again Gray, GN '35, of California, Mo., May 2 in Columbia at age 78. She was employed by Missouri Crippled Children's Service and worked for hospitals in Fayette, Jefferson City and California before she retired. Among her survivors are her husband, **Victor Gray**, BS Ag '37; a sister, **Betty Again Goodson**, Ag '46; and two brothers, including **Coy Again**, Ag '57.

Mary Bishop Seitz, BS Ed '36, of Falls Church, Va., May 12 in Alexandria, Va., at age 76. She taught mathematics at Edgar Allen Poe Intermediate School in Annandale, Va., from 1960 to 1980. Survivors include her daughter and son.

Charles Carl, BS CIE '38, MS '40, of Pierre, S.D., April 23 at age 75. He retired in 1981 as a professor of civil engineering at South Dakota State University-Brookings. Earlier he was director of the sanitary engineering and environment protection division in Pierre, S.D. Survivors include his wife, **Gladys Kruse Carl**, BS Ed '38; two sons, two daughters; and a sister, **Sally Carl Crawford**, BS Ed '39. **Truman W. Howard II**, BS ME '40, April 19 in Huntsville, Ala., at age 78. He was an aeronautical engineer for more

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than 50 years, working 38 years for the Department of Defense as a civil employee. He also was head of his own company and was founder of the Aero-Test Equipment Co. Inc. in Dallas. Survivors include his wife, **Catherine Peterson Howard**, Grad '37; three daughters and one son.

Judge Thomas W. Challis, Arts '41, of St. Louis June 6 in Las Vegas, Nev., at age 71. He practiced law in St. Louis from 1948 to 1974. In 1975, he was appointed to the circuit court and retired at the end of his second full term in December 1988. Survivors include his wife and two children.

Almon Maben Wiley, BS Ag '41, April 23 in Bolivar, Mo., at age 79. He began working for the Farmers Home Administration in 1940. In 1963 he was assigned to the Kansas City District Corps of Engineers' real estate division and negotiated land purchases for Stockton and Harry S. Truman Dams. Survivors include his wife, daughter and son, **Almon L. Wiley**, BS BA '64.

Warren Harris, BS BA '42, May 19 in Hot Springs, Ark., at age 71. Before he retired, he was office manager for Newhouse Publications in Detroit. Survivors include his wife.

Harry S. Still, Arts '44, of Kirksville, Mo., May 26 in Columbia at age 65. From 1964 to 1991, he had a private psychiatric practice in Macon, Mo. In 1968 he became chairman and professor of psychiatry at Kirksville College of Osteopathic Medicine, where he served as chief of staff from 1970-1973. Survivors include his wife, son and four daughters.

Mary P. Shultz, M Ed '46, May 20 in Sedalia, Mo., at age 89. She retired in 1969 from Jennings (Mo.) High School, where she had taught business courses since 1953.

Ralph Connor Catlin, BS EE '49, of Overland Park, Kan., June 9 at age 65. He worked for the Westinghouse Electric Corp. for 40 years before he retired in 1990 as a district sales manager. Survivors include his wife, three sons and a daughter.

K.C. Jones Jr., BS BA '49, May 8 in Jefferson City at age 69. He was president of Cole County Oil Co., which he founded in 1958, and was co-owner of Fill 'N' Wash in Jefferson City. Among his survivors are his wife, **Pat Ward Jones**, BS Ed, AB '48; and three daughters, including **Ruthi Jones Sturdevant**, MA '77.

Carter Callahan, BS CIE '50, April 19 in Kansas City at age 64. He was a civil engineer. Survivors include his wife, two daughters and a brother, **Drury Callahan**, BS BA '50.

Stewart H. Fuller, BS ME '50, May 9 in Bethel Park, Pa., at age 65. He worked for Westinghouse from 1950 to 1988. Survivors include two sons and a daughter.

Robert Fleming Pyatt, AB '50, JD '53, of Chillicothe, Mo., April 16 in Hamilton, Mo., at age 63. He was an attorney. Survivors include his wife and two sons.

Henry A. Meise Jr., BS Ag '51, BS EE '58, May 9 in Boulder, Colo., at age 60. He was employed by American Telephone and Telegraph Bell Laboratories until he retired in 1989. Author of three patents and co-author of four patents, Meise was chosen as a distinguished member of the technical staff in 1985. Survivors include his wife and two sons.

William H. Billings, JD '52, BGS '88, May 23 in Jefferson City at age 69. He was appointed to the Missouri Court of Appeals in Springfield in 1973 and to the Supreme Court in 1982. Two years later, Billings was retained by election for a 12-year term that would have expired in 1996. He was scheduled to retire on Aug. 21, 1991, when he reached age 70. From 1965 to 1974, he was a member of the Board of Curators of the University of Missouri System. Survivors include his wife and three children.

Howard Chandler Monroe, MA '54, PhD '65, April 29 in Muskogee, Okla., at age 70. After 30 years of service, he retired in 1990 as professor emeritus of speech at Northeast Missouri State University in

Kirksville, where he was selected Educator of the Year in 1990. Survivors include his wife, **Ida Marie "Toni" Horn**, AB '54; two sons and a daughter.

William Toben King, BS Ag '55, May 9 in St. Joseph, Mo., at age 62. He raised purebred cattle and had ranches in Wyoming, Nebraska and Texas. From 1958 to 1961, he was executive secretary of the Virginia Angus Association in Charlottesville, Va. His brother, **Walter H. King**, BS Ag '53, survives.

James R. Hall, BS BA '56, of Pittsburgh June 4 at age 62. He was president of Independent Financial Service Inc. and of Fox Chapel Financial Service Ltd. Survivors include his wife, **Carolyn Moore Hall**, Arts '52; a son and two daughters. **Alice Allen Carpenter**, AB '64, May 9 in St. Louis at age 48. She was a schoolteacher. Survivors include her husband, daughter and two sons.

Charles "Pete" Craig, BJ '64, May 4 in Sherman Oaks, Calif., at age 48. He was a sales representative for Story, Kelly-Smith Inc. Advertising Agency of Los Angeles and New York. Among his survivors are a brother, **William T. Craig**, BJ '74; and two sisters, including **Lyla L. Craig Hoyland**, BM '55, MA '58. **Donald L. Garrett**, MS PA '67, June 18

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Commerce Bank N.A. Columbia, Mo.	Charlene McPheeter Greener BS BA '48 Wilmette, Ill.	Emogene Houston Sampson BS Ed '47, M Ed '65 Colorado Springs, Colo.
Paul R. Cook Mary K. Cook Columbia, Mo.	John M. Hillhouse BS BA '69	Richard D. Scott BS BA '65
Michael E. Cunningham BS BA '74	Nancy Stough Hillhouse BS Ed '69, M Ed '73 St. Louis, Mo.	Eunice Mitchell Scott BS Ed '65 Joplin, Mo.
Joyce Cunningham Blue Springs, Mo.	Lawrence Langsam Hannah Langsam St. Louis, Mo.	Stephen C. Specker BS Ag '80 Barbara Wilson Specker AB '82 Columbia, Mo.
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Jefferson Club

For more information on how you can join the Jefferson Club and invest in Mizzou, write Sam F. Hamra Jr., BS BA '54, JD '59, chairman, Jefferson Club Trustees, 117 Alumni Center, Columbia, Mo. 65211, or call (314) 882-6514.

in St. Louis at age 59. Since 1988, he was a project engineer for the city of Creve Coeur, Mo. From 1958 to 1988, he was an engineer for the Missouri Highway and Transportation Department. Survivors include his wife and two daughters.

Daniel Lee Johnson Jr., BS BA '69, April 12 in Maryland Heights, Mo., at age 43. Survivors include his wife, two daughters and a son.

Deborah Anne Ray Franklin, MA '73, June 4 in Webster Groves, Mo., at age 41. Survivors include two sons.

Elizabeth "Betty" Nelson Vemer, BGS '81, MS '83, PhD '87, June 16 in Columbia at age 59. She was a state human development specialist for University Extension. Memorials may be sent to the Minority Scholarship Fund, College of

Human Environmental Sciences, 113 Gwynn Hall, Columbia, Mo. 65211. Survivors include her husband, **Turner L. Vemer**, Ag '49, a son and three daughters. **Mary Jo Day**, EdSp '85, June 16 in Columbia at age 48. She was employed as a laboratory assistant at Dalton Labs.

FACULTY DEATHS

Barbara Graham Edwards April 27 in Columbia at age 69. She was an instructor in English and music from 1964 to 1966. Among her survivors are her husband and three sons, including **Michael Edwards**, BS BA '72, MBA '73, and **Steven Edwards**, BS BA '81.

Robert C. Manhart June 9 in Columbia at age 83. He retired in 1973 as professor

emeritus of business administration. Survivors include his wife and son.

Elizabeth "Betty" Nelson Vemer, BGS '81, MS '83, PhD '87. See alumni section.

BOOKS BY ALUMNI

Heaven Is A Journey Not A Destination by **Robert H. Lea**, BS CIE '52, is dedicated to the memory of his wife and shows people how to cope with and how to overcome grief. Published in April in Canada, the book is available from R.H. Lea and Associates Ltd., P.O. Box 8020, Appleby Postal Outlet, Burlington, Ontario, Canada, L7L 1B6; \$10.95 U.S. dollars plus \$2 handling and postage.

Honey Girl by **Madge Fisher Harrah**, BS ED '53, is a children's novel based on the true story of a family's journey down the Mississippi River in 1908 on a barge loaded with beehives. Published by Avon Books; 120 pp.; \$2.95 paperback.

The Golden U-Boat by **Richard P. Henrick**, AB '71, is an action/adventure novel concerning the re-emergence of Nazism in modern-day Germany. Published by Zebra Books; \$4.50 paperback.

Great Connections: Small Talk and Networking for Businesspeople by **Anne Barnhouse Baber**, MA '73, provides techniques for coping with things people hate most about small talk such as: joining a group of people who are talking, striking up conversations, remembering people's names, coming up with topics to talk about, reviving dying conversations, recovering when they say something they wish they hadn't and closing conversations easily. Published by Impact Publications, Manassas, Va.; 204 pp.; \$14.95.

Echoes of Battle: The Atlanta Campaign co-edited by **Richard A. Baumgartner**, BS '75, tells the story of Gen. William T. Sherman's 1864 offensive in northwest Georgia through the words of 265 different Union and Confederate combatants. The book is illustrated with 301 wartime photographs, many previously unpublished. Published by Blue Acorn Press, Huntington, W. Va.; 361 pp.; \$39.95 cloth, \$29.95 paper.

A Crisis of Hope by **Ed Wojcicki**, BJ '76, not only examines the frustrations of modern society that cause people to lose hope in themselves, their relationships, institutions and in God, but also offers alternatives that reaffirm a hopeful outlook. Published by Thomas More Press of Chicago; \$12.95.

Missouri Legal Forms by **Eric Ziegenhorr**, AB '79, is a three-volume set of legal forms for use by attorneys who practice in Missouri. Covers general civil practice. Published by West Publishing Co. of St. Paul, Minn.

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