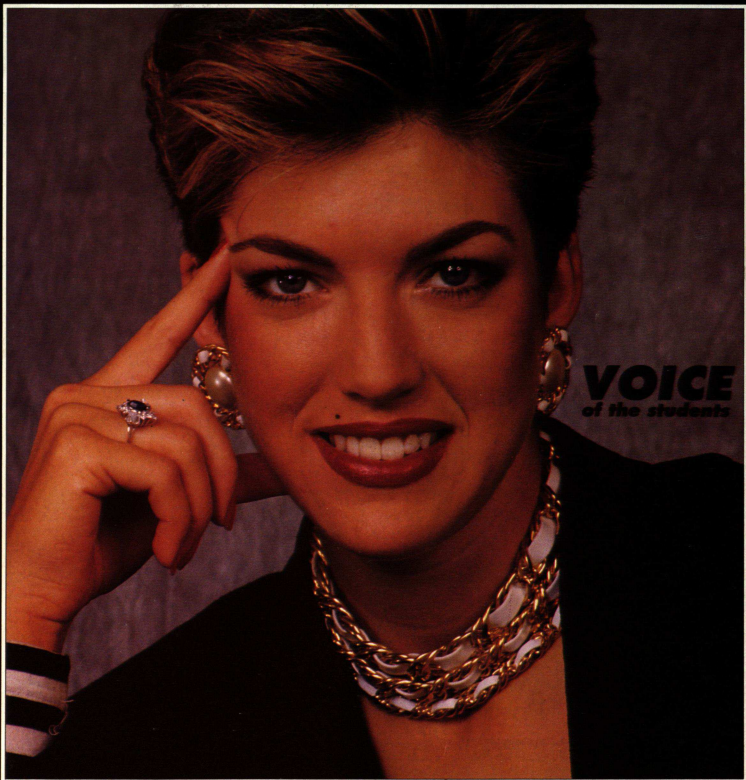


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ALUMNUS

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EDITOR'S NOTES

Our 5-year-old is excited about entering kindergarten. Once Christopher got his required immunizations in May, we waited for him to turn 5 in late June. To pass the time until after Labor Day when school starts, we're memorizing our street address and telephone number, and organizing things he'll need in his backpack: crayons, pencils, scissors and glue.

His excitement is warranted. I'm reminded of *All I Really Need to Know I Learned in Kindergarten* by Robert Fulghum. "Share everything. Play fair. Don't hit people. Put things back where you found them. Clean up your own mess. Don't take things that aren't yours. Say you're sorry when you hurt somebody. Wash your hands before you eat. Flush. Warm cookies and cold milk are good for you. Live a balanced life. Learn some and think some and draw and paint and sing and dance and play and work every day some."

"Take a nap every afternoon. When you go out into the world, watch for traffic, hold hands and stick together. Be aware of wonder. Remember the little seed in the Styrofoam cup: The roots go down and the plant goes up and nobody really knows how or why, but we are all like that."

If I were a parent of a student entering MU, I'd find comfort in such a piece for college freshmen.

Here we go:

Stock quarters to do your laundry. Clean up your room even if your roommate doesn't. Eat plenty of vegetables (and not just on pizza). Exercise.

Some students find dissecting a worm in college biology unpleasant. All of life is not pretty or easy or smells good.

Parents know kids will experiment, because they did, too. Everything they taught you, underneath all that primping, fussing, sprays and scents, is in there somewhere.

Be open to new experiences; that's what makes MU a universe-ity. Balance work and play. Don't worry about grades. If you study to learn, the grades will come.

Demand more, not less, of your professors. If you don't know what vacuous means, ask. If you don't know how to spell it, find out.

There's more to college than the classroom. If you're intimidated by size, go with a group. Find your niche. This is your home.

Remember what a great world it was when we just had three classes a day, grabbed our blankets for an afternoon nap and sat down to a meal by flipping out a meal ticket. And, anytime of the day, we could find three friends our own age experiencing a similar problem or joy.

Christopher's not the only one heading for an educational setting this fall. The cartoon character "Beetle Bailey," sitting in a cast-in-bronze booth from The Shack, will make the trek from Stamford, Conn., in time for MU's Homecoming Oct. 24. You can watch Beetle's creator, Mort Walker, AB '48, unveil the statue at 11 a.m. Oct. 23 near the Donald W. Reynolds Alumni and Visitor Center. Recreated from the famous student hangout that burned in 1988, the statue is interactive, meaning you can sit next to Beetle in the booth. — Karen Worley

You've come a long way, MU

It was a delightful surprise to read the article by Joan M. McKee in summer issue of the *Alumnus* about the Black Theater Workshop. I was very excited by it as it indicated that the University has come a long way since the days when it was a "whites only" institution.

I remember in 1944, at least 10 years before anti-discrimination laws were passed, that I made a speech (I forget whether it was for the War Board or the valedictory) and called for complete integration of the school. I was fortunate to have the backing of every large student organization on Campus. Otherwise, I would have been in even more trouble. Keep up the good work.

Patricia Lewis, AB '44
Pointe Claire, Quebec, Canada

Home again

My brother and I grew up in St. Charles, Mo., graduated from Mizzou and lived the "German experience." I am not normally a sentimental person, but "Never Broke, Rarely Rich" in the summer issue brought back so many memories, pleasant nostalgia, heartbreaking disappointments and childhood accomplishments and failures. Almost like a visit home.

This issue is a "keeper." I can't wait for my son to read it. Thank you.

Orval F. Stiegemeier, M Ed '52
Stow, Ohio

Sehr gute

I enjoyed very much Dale Smith's essay, "Never Broke, Rarely Rich." Well done, Mr. Smith.

Jack G. Shaheen, PhD '69
Edwardsville, Ill.

German family memories

Since both of my parents were born in Hermann, Mo., in 1896, I was especially interested in Dale Smith's (no relation) story on how Missourians inherited German values. My parents learned English as a second language when they were children.

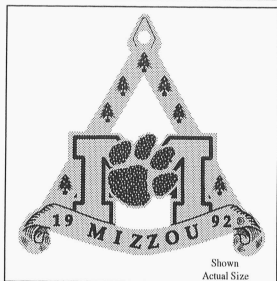
I have a chest of old photos, some of which date back to the turn of the century. One picture shows Mr. and Mrs. George Mueller, my great-grandparents, celebrating their 50th wedding anniversary in 1913. More than 40 family and friends are gathered around in an open field. They lived in Little Berger.

Yes, these Germans were hard-working farmers, shop keepers and, later, factory workers.

Hermann still looks a lot like the home

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country of Germany from where these settlers came. Thank you for bringing back some wonderful memories.

Betty L. Smith, BS Ed '54
Ballwin, Mo.

More German heritage

Those who enjoyed the article, "Never Broke, Rarely Rich," by Dale Smith in the summer issue may want to plan a trip to Concordia, Mo. This town of 2,000, located 50 miles east of Kansas City on Interstate 70, has a rich German-American heritage.

The Lohoefer House Museum and Gifts, which features photographs, toys, clothing, tools, crafts, books, furniture and household items of the area, is owned by Lloyd "Shep" Shepard, BS Ag '59, and Nyla Bradley Shepard, BS Ed '58.

Linda G. Shepard, BJ, BA '85
Tulsa, Okla.

MU genealogy

My husband, Harold D. Williams, BS BA '38, and I became great-grandparents twice within 19 days. Grandson W. Timothy Pickering, BS ME '83, and his wife Sherri Ratzlaff, BSN '83, had a son, Nathaniel Timothy, Nov. 4. Granddaughter D. Michelle Pickering Illig, BS Acc '86, and her husband, Keith, had a son, Grant Harrison, Nov. 23. Grandparents are our daughter Carol Pickering, MS '77, and her husband, James, BS BA '54. To complete the MU record, Harold's father, Benjamin R. Williams received a bachelor's degree in civil engineering in 1910.

Members of the Williams family attending MU began with Walter E., who was 20 years older than his brother Benjamin. Walter was a student around the time of the fire that destroyed Academic Hall. Ralph E. Williams, the youngest child, graduated from the University five years after Benjamin. My husband Harold's only brother Benjamin R. Jr., BS ME '47, had his col-

lege years interrupted by World War II. The two children of Ralph Williams, B.R. "Bob" Williams and Margaret, earned degrees in business in the late '30s and early '40s.

Thanks for producing the *Alumnus*. We look forward to receiving it.

Jan Frantz Williams, BS Ed '37
Raytown, Mo.

Memorial dedication set for October

MU athletes earned some of the top honors in World War II, including the Distinguished Flying Cross, Silver Star and Legion of Merit. These heroic athletes who served in all branches of the Armed Forces will be honored at 10:30 a.m. Oct. 3 at the Hearnes Center when a black marble memorial with brass nameplates topped with a bronze tiger's head is dedicated. A luncheon or dinner may follow.

So far 160 names of MU athletes who served in World War II have been discovered, but the memorial committee is looking for more. If you are one of these athletes or know of someone, please write to the Memorial Committee, World War II, P.O. Box 190, O'Fallon, Mo. 63366.

Any donations are welcome, but if you give \$35 or more, my business, Midwest Precision Castings Co., will send you a stainless steel or bronze golf putter with the word Mizzou cast in raised letters.

James I. Reid, BS BA '39
O'Fallon, Mo.

Editors, please note

I am pleased that readers reacted to the soy ad in the spring '92 issue, but surprised that the editor's note attempted to justify the ad. What you could have said is this: "We made a mistake. The editors of *Missouri Alumnus* do not accept or welcome ads that denigrate peoples."

Sadly, the Arab stereotype is such a

fixed image, you and your colleagues probably thought that the soy ad was on target.

Thanks for continuing to provide graduates with your fine magazine.

Jack G. Shaheen, PhD '69
Edwardsville, Ill.

Editor's note: To those I offended, I apologize. We who work in the media must do everything we can to erase stereotypes.

Tearoom remembrances

Your interview with the Cline sisters on Page 38 of the spring '92 issue was incomplete, but I guess space was limited. You might have asked them about their gift shop at the entrance of their tearoom and about Professor Tom Brady.

During a visit to Campus, I was surprised that a building is named for this American history professor, who had dominated the table in their tearoom corner with the owner of a downtown bookstore, and that a wing of the Memorial Tower is named for Jesse "Monkey" Wrench, the ancient history professor and bearded mascot and man-on-a-bicycle at Lambda Chi Alpha.

But it was nice to know that the Clines are enjoying their well-deserved retirement.

During World War II, I was in the U.S. Navy's construction battalions in the South Pacific. After having worked in many places including Washington, D.C., Suitland, Md., Frankfurt, Germany, and Arlington, Va. I retired from the federal government in 1969.

George L. Brinkmann, BJ '33
Roanoke, Va.

Eyesore

Perhaps I stand alone on this, but I must wonder if anyone else shares my view that the new Donald W. Reynolds Alumni and Visitor Center is one of the gol-darndest, ugliest buildings ever created.

The architect, in my humble opinion, would have better served the University and the project by sticking to his or her previous profession: baking gingerbread.

On a different subject, to all those "politically correct" alumni letter writers (most of them from the '70s) who got all hot and bothered over the soy ink ad in the spring issue, I can only say: "Get a sense of humor."

Bill Gabriel, BJ '50
Solana Beach, Calif.

Ivy League rebuttal

In his recent letter regarding E.E. Frye's "hate-filled diatribe" in the spring issue, David Levine, Arts '62, seems guilty of similar prejudice. He would have expected Frye's kind of sentiments from someone uneducated or one "who had gone to some

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private, elitist Eastern school."

As a graduate of two such schools, Vassar and Harvard, I deeply resent Levine's own uneducated bias. He should know that all the Ivy League schools bend over backward to recruit, accept and nurture the underprivileged who qualify academically; their percentage of students with financial aid is higher than that at — for instance — Mizzou. The charge of elitism may stick only regarding academic excellence.

But even more curious is Levine's lumping the "Eastern elite" with the uneducated and the KKK. Can he not know that people in these schools lean mainly toward the left, not the right? Of course, they would find Frye's bigotry just as repellant as I do. I agree with Levine that such a person believes the noble ideals of Mizzou; but so does the backlash reaction of Levine himself.

Dr. Naomi Ritter, professor of German Columbia

Covered bridge

Thanks for your excellent story on the KATY Trail in the spring '92 *Missouri Alumnus*. I just wanted to point out the participation of another Missouri alumnus in the trail project. Soon after the project was begun, my company, Photographs for

the Outdoors, had a brochure printed to help let people know of the opportunity. The second page of the brochure is the same bridge as appeared on the cover of your magazine, before the tracks were removed.

Bob Lindholm, AB '57, JD '64
Jefferson City

Bike trek

My daughter, Dr. Carol Bergfeld Mills, AB '70, teaches at Goucher College in Towson, Md. She was fascinated with the story, "The KATY Tale," by John Beahler in the spring issue. She is an avid biker.

When she returns home to visit next summer, she and her 15-year-old son hope to discover firsthand the pleasures of this experience. Her grandfather Henry C. Bergfeld spent his boyhood near Defiance, Mo., many years ago.

Lucille Bergfeld
Troy, Mo.

Trail tales

The spring '92 issue was excellent, which included the story on Bus Entsminger and the KATY Trail.

My family, Papa's older brother, Uncle Jim Turner, had for \$1 given right of way

along Hinkson Creek at the Turner Station to the forerunner Midland Railroad Co., which later became the MK&T Railroad. I recall the times I rode in the cab of the KATY's branch line steam engine with engineer Bryce Schneider, who would let me push or pull the big lever that controlled the steam locomotive, and to pull the cord that sounded the whistle as we came to open crossing on the line between McBaine and Columbia. Those were thrills that have stayed with me through the years since I was born on the Turner farm south of the Hinkson bridge that was at Nifong Road and Scott Boulevard.

Engineer Schneider and his wife roomed at our three-story house at 107 Sixth St. That was only a couple of blocks from the brick KATY Station. As children, we walked by the station en route to and from Grant School, past the old Wrenn house, where it was said Abe Lincoln once slept going or coming from Lawrence, Kan., where he made an important political address. These memories come haunting back and at times seem as clear as they were many years ago. At 82, it is nice to recall those happy young carefree days.

The 50th-year and the Gold Medal reunions were special. My wife, Kay, and I got to again meet Coach Don Faurot, BS AG

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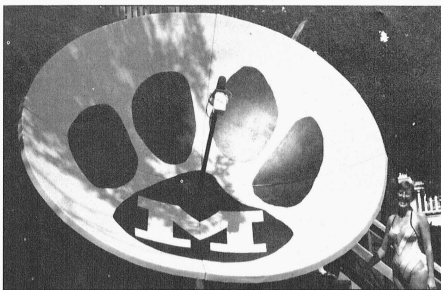
'25, MA '27, and his wife, Mary Fran, BS Ed '26, and his brother Fred, BS Ag '33, MA '38, and sister Vera Burk, BS Ed '36. Fred and I were teammates at Kirksville, Mo., and with the Tigers in 1930. After that reunion we met with a group of old timers of the Hickman High Class of '28. Wonderful to come home to Columbia.

Christy G. Turner, Journ '34
Tucson, Ariz.

A matter of degrees

In the summer issue you printed a biography of each candidate in the gubernatorial race. The biographical information was incomplete on Bill Webster. He attended the University of Kansas for four years on scholarship. He attended law school at the University of Missouri-Kansas City and received a JD from that institution in 1978. He received his BA in speech communications from Missouri Southern State College.

Tony Feather
Jefferson City



MU alumna Julie Barklage shows off her Tiger spirit with the satellite dish she painted at the Lake of the Ozarks.

Tiger tracks TV

Four alumni and myself, an MU professor in mechanical engineering, have a Tiger paw on our satellite dish at the Lake of the Ozarks. Julie Barklage, BS Ed '79, did the painting. The alumni are: Dave Hollabaugh, BS EE '76, MS '78; Myron Rollins, BS EE '74; Karl Evans, BS EE '72, MS '76; and Jim Gettinger, BS EE '73, MS '75.

The dish is at the 3-mile marker behind Hawaii Island. Look for it.

Dr. Dave Wollersheim
Columbia

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Stephanie Patterson, student representative to the Board of Curators, addresses the University's new admissions policy.

Setting the standard

By TERRY JORDAN

Her piece of sky

Stephanie Patterson didn't have to come to Mizzou. "I had received a scholarship to Northwestern University," says Patterson, a 1987 graduate of North Kansas City High School, "but I didn't want to be sheltered at a private school. I wanted a broader experience, which I knew I would get at MU."

Patterson, 23, comes from a long line of MU alumni; members of her family hold a total of 20 degrees from the University. During her undergraduate years at MU, she was a member of the Homecoming steering committee, the Alumni Association Student Board, QEBH honor society, Mortar Board, and Kappa Alpha Theta sorority. "I've always thought of myself as a problem-solver," she says, which ties in with her ultimate goal: to own an advertising agency or consulting firm some day.

In the Miss Missouri pageant, Patterson sang "Piece of Sky" from the movie *Yentl* and wrote essays on the changing American family, and on women and leadership, to win the top prize and a \$5,000 scholarship.

She is the third MU graduate in the past five years to win the Miss Missouri title, following Heather Down Smith, BJ '88, in 1988, and Debby Turner, DVM '91, in 1989. Turner went on to become Miss America.

Stephanie Patterson has heard all the arguments against the University System's new admissions policy. Now she'd like to say a few words in support of the higher standards.

"When you increase the quality of the student body, you increase the overall quality of education," says Patterson, BJ '92, student representative to the Board of Curators and the reigning Miss Missouri. "You attract better teachers. Students are more motivated. It's better for everyone."

"Too many times, MU is stereotyped as a Big Eight athletic school with a busy social scene. But we're much more than that. This will raise our academic profile."

The board's decision to toughen the standards, by an unanimous vote June 19 in Kansas City, has not passed without comment. Some faculty members and administrators wonder whether financially strapped rural and inner-city school districts will be able to offer the classes — particularly the four years of math and the two years of foreign language — that the policy requires. Others are concerned that the new standards will endanger black enrollment, already less than 5 percent of the total student population at MU.

Some link the new requirements

with the board's decision last summer to raise educational fees by \$200 each year for five years, above inflation increases. They believe this "double whammy" will make it more difficult for middle-class Missouri parents to send their sons and daughters to MU. It now costs a new freshman \$8,000 to attend the University for one academic year.

Patterson, who comes from a middle-class family, is just as concerned about the financial burden. She's entering MU's School of Law this fall.

"I'm on my own in law school, but, my parents helped me with my undergraduate costs," she says. "I've figured that I'll be \$45,000 in debt by the time I get out. But if I want a top-notch education, I don't have much of a choice. Other universities are raising their fees, too."

Adds Dr. Robert Logan, associate professor of journalism and chairman of the MU Faculty Council: "In the past 20 or 30 years, access to public higher education in Missouri has improved significantly. It is reasonable now for us to be more selective."

Under the new policy, students

"When you increase the quality of the student body, you increase the overall quality of education."
— Stephanie Patterson, BJ '92.



Stephanie Patterson, who begins law school at Mizzou this fall, began planning for her career when she was in high school. "I put a checklist of classes on my wall and figured out what I needed to do."

Revised requirements

New admission standards for the University of Missouri System, as approved by the Board of Curators in June 1992. President George Russell has the discretion to implement the requirements in a single year, most likely 1996, but no later than 1997. Class rank and ACT scores also are factored into admission decisions.

	'96	'97
English	4	4
Math *	3	4
Social Science	3	3
Science	3	3
Fine Arts **	1	1
Foreign Language	2	2
Electives	0	0

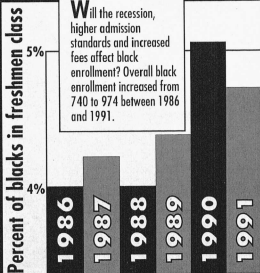
*Algebra I and higher **Must be in visual arts, music, drama or theater

Call MU's toll-free number 1-800-225-6075
with questions about admissions.



1991 freshmen chalked up an ACT mean composite score of 24.6, best in the Big Eight and in the top

15 percent of all universities nationwide.



Will the recession, higher admission standards and increased fees affect black enrollment? Overall black enrollment increased from 740 to 974 between 1986 and 1991.

Inflation clips Bright Flight wings



The \$2,000 Bright Flight Scholarship was established in 1987. Inflation has

reduced its purchasing power to \$1,600.

still will be admitted to UM System campuses on the basis of class rank and ACT scores. But they must have

17 high school credits in English, math, social studies, science, fine arts and foreign language, up from 15. Electives no longer will be counted toward admission. The policy states that 10 percent of the new freshmen may be excluded from these requirements, and a faculty committee will be asked to set guidelines on those exclusions.

Although no curators voted against this proposal, some had reservations. "I agree that students need to be challenged," says Curator Jim Sterling, BJ '65, of Bolivar, Mo., "but I don't know how some of these school districts are going to manage the extra classes. Many schools are cutting back programs just to keep their doors open."

Of the 487 public high schools in the state, for instance, 119 do not offer a second year of foreign language instruction, and three offer no foreign languages at all. Board President John Lichtenegger, AB '69, JD '72, of Jackson, Mo., entertained a motion to allow freshmen to pass a

foreign language equivalency test instead, and said the curators would consider that matter in the future.

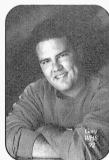
"I agree that students need to be challenged, but I don't know how some of these school districts are going to manage the extra classes."

— Jim Sterling,
BJ '65.

In addition, the board was told that only 66 percent of last fall's freshmen in the UMSystem had taken four years of math in high school. Curator John "Woody" Cozad, JD '72, of Platte City, says the tougher math requirement is the best part of the new policy.

"If the job of the University is to train people to reason in our society — and I believe it is — you cannot improve upon a strong math requirement," he says. "You can fudge in other subjects, but you can't fudge in math. Two plus two equals four. You don't get partial credit for five. The fact that these requirements are demanding is what recommends them."

However, Dr. Robert Birkenholz, associate professor of practical arts and vocational-technical education, wonders what effect the changes will have on the University's standing in rural Missouri. "I worry that some of these high school students won't be able to take subjects they enjoy, like band



One who got away

Gary Schafer, student body president and 1992 graduate of Willard (Mo.) High School, had his heart set on MU. "Ever since I was small, I've wanted to come to Mizzou," he says. "I was shattered when I learned I couldn't afford it."

Schafer graduated in the top 10 percent of his class and scored a 31 on the ACT — which is in the 99th percentile nationally. But the best financial package MU could offer him totaled \$3,700, including the state's \$2,000 Bright Flight scholarship. Southwest Missouri State University, on the other hand, offered Schafer a renewable scholarship that covers tuition and all expenses. "I'd much rather be at MU," he says.

This situation is typical — and unfortunate, says Gary Smith, M Ed '65, EdD '71, director of admissions and registrar. "We need to expand our scholarship program to help the very good student who falls just below the top 3 percent in class rank and 90th percentile in test score," he says. "All the regional institutions in Missouri have full scholarships that students can combine with the Bright Flight. We don't, and we're losing out."

Top students like Schafer choose MU, the state's public research university, because of its reputation as one of the most comprehensive universities in the nation. According to the *Gourman Report* on 1,000 schools worldwide, Mizzou boasts the best undergraduate program of any public college or university in the state.

The University System's top award is the Curators Scholarship, which pays educational fees. But it is offered only to the best students.

Smith would like to see MU provide its own premier scholarship to complement the Curators Scholarship. He suggests a \$1,500 award to new freshmen who rank in the top 10 percent of their high school class and have a high score on the ACT. A second proposal would fold on-campus room and board into a scholarship package.

Of course, it all costs money. MU currently spends more than \$10 million on scholarships, fellowships, fee waivers and educational assistance.

But there is hope. The University plans to apply 20 percent of educational fee increases toward financial aid. In 1992-93, to offset increased educational fees, an extra \$750,000 in financial aid will be awarded to students — freshmen through professional — based on need. A long-range planning group is examining other ways of bolstering scholarships and financial aid. Future fund-raising efforts most likely will place a greater emphasis on scholarships, says Roger Gafke, BJ '61, MA '62, vice chancellor of development, alumni and university relations.

It might not be too late for Schafer. "I'd still like to transfer to MU in a couple of years," he says. "That's still my dream."

and agriculture, because they'll be too busy meeting the other requirements," Birkenholz says. "Then we increase their tuition, too. That bothers me."

Black urban youths also may find the new admission requirements difficult to meet, says Dr. Robert Weems, assistant professor of history and president of MU's Black Faculty and Staff Organization. "We think the new standards will have a chilling effect on diversity," he says.

But the policy aims to do just the opposite, says Curator Webb Gilmore, JD '73, of Kansas City. "I hope we will use the 10 percent exclusionary rule to encourage more minorities and disadvantaged youths to enroll," Gilmore told the board. UM System President George Russell praises the exclusionary rule, but warns against automatically placing minorities in that class. "Blacks do compete, and they do succeed."


Further, Mizzou cannot be held responsible for shortcomings in Missouri's elementary and second-

ary school system, Patterson contends. "I'm not trying to shift the blame, but maybe the state needs to rise up and make the high schools more successful," she adds.

Success, or the probability of it, is the reason behind the new policy. In the past, based solely on the high school course work required of entering freshmen, administrators could predict that half of these students in the University of Missouri System would achieve a C average or above. The new course requirements should better prepare incoming freshmen and thus raise that probability to 60 percent.

At Mizzou, more than 80 percent of last year's freshmen recorded a C average or higher, and MU leads the Big Eight in freshman retention.

For now, Patterson is focusing on two goals: starting law school, and winning the Miss America pageant in Atlantic City

Sept. 19. If she's successful in the latter, she'll bring home a \$35,000 scholarship. "Wouldn't that be great?" she says with a laugh. "There goes my debt." 

"Two plus two equals four, and you don't get partial credit for five. The very fact that these requirements are demanding is what recommends them."

— John "Woody" Cozad, JD '72.

College

"This is one tigers' den I'm always happy to walk into."
— **President George Bush** when he opened the Show-Me State Games at the Hearn Center July 24.



American's funniest nuns auditioned for a television show at Columbia Mall. From left are Jill Bacon, Barb Riem, Amy Loethen and Erin LaFond.

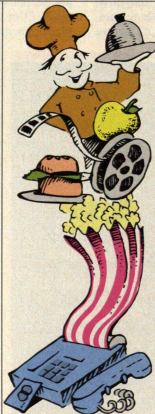
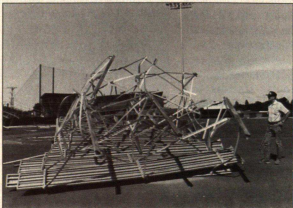
Rock 'n' rolling sister act

MU alumnae are members of America's funniest singing nun quartet, and they've appeared — for at least a couple of seconds — on television's *America's Funniest People* to prove it. For the audition, the four donned nuns habits in a Columbia Mall rest room and waited in the wings with 150 other acts. Their song and dance was a medley of un-nunly rock muzak à la Florence Henderson cloned for four-part harmony. The crowd was big, the lights bright, and the producer gave rave reviews.

"He told us we were the best vocal group he'd heard in the whole country," says Jill Bacon, ED '76. The rest of the convent included Bacon's biological sister, Amy Loethen BS HE '87, and friends Erin LaFond, Arts '88, and Barb Riem, BS Ed '90.

John Burks, MU maintenance coordinator, surveys one of the twisted bleachers that littered Simmons Field from the pitcher's mound to the center field back wall after a summer windstorm.

Joan M. McKen photo



Charge a film and fax food

You can now charge The Bat, The Cat and The Penguin as well as Pinocchio to your MasterCard or VISA account. You also can purchase tickets days in advance at the Forum 8 Cinemas, at the Forum Shopping Center.

The 1,900 seat, eight-screen theater replaces the Forum Theater that is being converted to retail businesses and offices.

Other businesses that have sprung up in the area are: Trotters, a barbecue restaurant with a drive-through window that accepts fax orders; Chris McD's, a bar and grill; Global Travel service, which relocated from downtown; and Mercantile Bank.

Following Columbia's growth to the southwest will be a new Schnuck's supermarket. The 67,000 square-foot super center replaces Roth's clothing store.

Grandslam grandstand

Aluminum bleachers knocked an in-the-park home run at Simmons Field when 70-mph winds hit Columbia July 2.

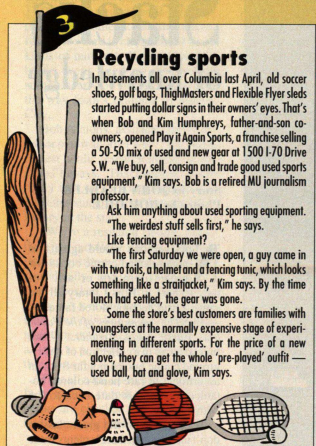
"The stand shot straight up. It was like a bomb exploded underneath it," says assistant MU baseball coach John Cohen, who saw the bleachers to the right of home plate land about 10 feet short of the

center field back wall, 400 feet from home plate. The wind then blew them against the wall.

The Babe Ruth League was using the field when the high winds hit without warning at 6:30 p.m. No one was injured.

"This points out the need more than ever for a permanent seating structure in Simmons Field," says Gene McArthur, BS Ed '63, M Ed '64, PhD '72, MU's head baseball coach. A new stadium is included in the University's master plan, he says.

TOWN



Recycling sports

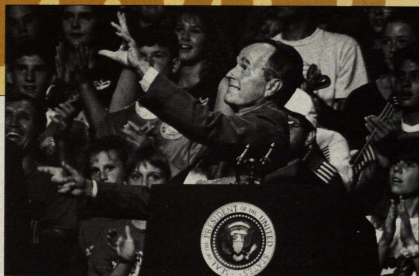
In basements all over Columbia last April, old soccer shoes, golf bags, ThighMasters and Flexible Flyer sleds started putting dollar signs in their owners' eyes. That's when Bob and Kim Humphreys, father-and-son co-owners, opened Play it Again Sports, a franchise selling a 50-50 mix of used and new gear at 1500 I-70 Drive S.W. "We buy, sell, consign and trade good used sports equipment," Kim says. Bob is a retired MU journalism professor.

Ask him anything about used sporting equipment. "The weirdest stuff sells first," he says.

Like fencing equipment?

"The first Saturday we were open, a guy came in with two foils, a helmet and a fencing tunic, which looks something like a straitjacket," Kim says. By the time lunch had settled, the gear was gone.

Some the store's best customers are families with youngsters at the normally expensive stage of experimenting in different sports. For the price of a new glove, they can get the whole 'pre-played' outfit — used ball, bat and glove, Kim says.



President visits Mizzou

After getting heckled and shouted down in Ohio by relatives of American servicemen missing in Southeast Asia, President Bush opened the eighth Show-Me State Games July 24 as a packed house of 9,000 stood and cheered. The Olympic-type festival for all ages was held July 24-26 and July 31-Aug. 2. One of 44 such games in the country, Missouri's was the only one opened by the president of the

United States. Emcee Joe Moseley, AB '71, JD '76, Boone County prosecutor, called it "our best ever opening."

Outside Hearnes Center several hundred demonstrators campaigned for Clinton and pro-choice.

Bush, emphasizing how American families need to be restored, said it's more important to take part in sports than to win. Bush also mentioned the "bedrock values" of the late Sam Walton, AB '40, who was famous for hard work, honesty, neighborliness and thrift.

President Bush — here tossing a baseball to the athletes — received an enthusiastic welcome by a capacity crowd at Hearnes Center. The former collegiate first baseman opened the annual Show-Me State Games July 24.

Serving the multitudes

The Newman Center, the hub of Catholic activity on Campus, is too successful. "We're loaded to the gills with parishioners and are running out of room," says Fred McCabe, BS BA '74, MBA '75, chairman of the building committee.

As a result, the center has begun a \$2.5 million fund-raising drive to renovate the current building at Maryland and Turner avenues and to build an addition on the west side. "We need to make the building accessible to people with disabilities," McCabe says. "The addition will give us a larger worship area and social hall, classroom

and study space, and will allow us to renovate the library. We want to improve our alumni records."

The current building was designed to accommodate 350 parishioners when it was built in 1963, McCabe says. Now, up to 625 families and 5,000 students attend masses and other events weekly. "We have seven masses on the

weekends, more than any other parish in mid-Missouri," McCabe says.

The campaign will continue through Feb. 1. Contributions may be sent to the Newman Center at 701 Maryland Ave., Columbia, Mo., 65201. With questions, call Chairman Francis Havey at (314) 874-2777.

Getting around in style

For Marvin Robinson, owner of Network 24 Limousine service, transportation is more than simply getting from one place to another. It also can be a luxurious entertainment for the clients who travel in his Cadillac stretch limo. For a \$50-an-hour fee, passengers can settle back in plush seats and sip complimentary champagne while they watch television, listen to the stereo, or make power calls on the cellular phone.

Whether the passengers are businessmen rushing to the airport, or newlyweds off on a honeymoon, Robinson says he and his drivers have learned to be part chauffeurs and part diplomats.



Former Green Bay Packer Marvin Robinson keeps his customers happy with his plush limo service.

J.S. Parker photo



Packed with volumes,
University libraries obtain
and maintain mankind's

Stacks of knowledge

Story by **JOHN BEAHLER**
Photos by **ROB HILL**

Not everyone would agree that underground comic books are great literature or art, but they're here in Ellis Library all the same. Lurid, technicolored fantasies — like *The Adventures of the Fabulous Furry Freak Brothers* — are tucked away in a collection of underground comic books, not far from an assortment of rare hand-colored botanical books that date back to the 16th century.

If comic art or the great classics don't interest you, there's plenty more to choose from in the special collections, up on the fourth floor of Mizzou's Ellis Library. Maybe the miniature book collection. Published as curiosities, some of these tiny gems of the printers' art aren't much bigger than an oversized thumbnail.

Or there's the rare book collection, which includes medieval manuscripts, one page from a Gutenberg Bible, and a copy of Poor Richard's Almanack, printed in 1747 by Ben Franklin.

There's still more. Down the corridors, or back in the stacks, or shelved in special reference sections are acres of books, tens of thousands of bound journals. The microform collection holds copies of just about every book published in the United States before 1820 — nearly 50,000 volumes.

Ellis Library and the six branches that make up University Libraries are a vast storehouse of information, a

treasure-trove for scholars and researchers from around the country.

By any standards, MU's collection is huge. Back in 1857 Mizzou's library published a thin pamphlet that catalogued its entire holdings. That wouldn't be possible today.

Now the collection stands at more than 2.5 million volumes, more than 17,000 journal and serial subscriptions, and another 4.2 million microforms. It's hard to comprehend those kinds of numbers. If the shelves of books were lined up they would stretch nearly 50 miles, almost half the way from Columbia to Kansas City.

Bob Almony, assistant library director puts it another way. "We're the largest public research library in the state," he says. "That means it's more likely that we're going to have that book that students need than any other library in the state.

"We're a research library, rather than just a college library. Other libraries go through their collections periodically, and if a book hasn't been checked out in a number of years, it's weeded out. We never do that. Our mission is to obtain and maintain mankind's knowledge for as long as possible. We never throw things out the door."

That all adds up to a gigantic job. In a typical month nearly 32,000 books are checked out and 55,000 books are reshelved. In a typical year,

MU buys about 44,000 new books, and those books have to be cataloged and entered into the system. The brittle pages and bindings of aging books need continual repairs.

University Libraries are bursting at the seams. There simply isn't enough space to shelve the entire collection. About 400,000 volumes are housed in a library annex off Campus, where they can be retrieved at the request of users.

Space is a priority, even after a \$7 million addition on the south side of Ellis Library in 1987 provided another 50,000 square feet to consolidate the reference collections. Plans for another 150,000-square-foot addition to Ellis are on hold, waiting for funding.

It's all part of the challenge of the day-to-day business of running a major research library. But University Libraries is facing another challenge: a revolution in the way information is collected and used.

Some futurists predict that a hundred years from now, libraries might not contain a single book. Instead of searching through acres of shelved books, a library user in the year 2092 would sit at a computer keyboard, enter a few strokes, and call up information from all over the world.

That scenario might be a little far-fetched, but someday it could be a possibility. At University Libraries,

students and faculty already are using technologies that put information at their fingertips in a fraction of the time it would have taken even 10 years ago.

Ellis Library was the pride of Campus when it was built in 1914. The generations of Mizzou students who have studied there over the years

A peek at the past

The tumblers of the safe click into place and the heavy metal door swings open. In a quiet office of the Western Historical Manuscript Collection, archivist Laura Bullion pulls on white cotton gloves and lifts a paper-wrapped bundle from the safe.

She unwraps a battered leather notebook. Then, using a thin bone spatula, she gingerly lifts the cover. In the frontispiece a notation is scrawled in faded ink: "William Clark, Notes on a second journey to New Orleans."

The date is 1798 — six years before the famous explorer joined Meriwether Lewis for their expedition up the Missouri River. There's more — a journal that Clark kept from 1826 to 1831, when he was an agent for Missouri's Indian tribes, and a book of math formulas that Lewis used for astronomical observations during the expedition.

These are some of the handful of artifacts that rarely leave the safe. "This kind of thing could not really be insured," Bullion says. "You couldn't put a value on it. It's irreplaceable."

Most of the items are priceless. Housed in the west wing of Ellis Library, the Western Historical Manuscript Collection is a related collection that contains more than 6,000 separate files

Thousands of acid-free cartons shelved in the dim, temperature-controlled storerooms contain some of Missouri's collective memory. There are photographs and family histories, along with diaries, ledgers and papers of the state's politicians, farmers, scholars and shopkeepers.

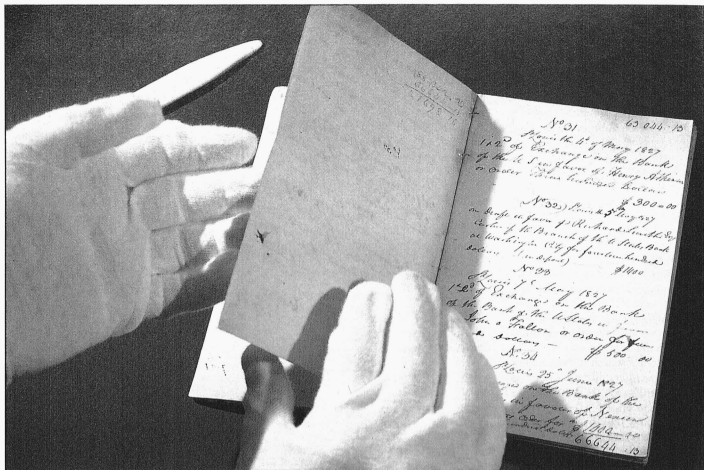
For instance, the E.B. Trail Collection documents steamboating along Missouri's rivers, with ships' logs, cargo manifests and diaries from long-ago steamboat captains.

The Ramsay Collection represents two decades of work begun in the 1930s by the late MU English Professor Robert Ramsay. With his graduate students, he studied origins of more than 20,000 Missouri place names.

Another crown jewel is the Tamony Collection, a rollcall of nearly 70,000 American slang terms. It was the life's work of San Francisco businessman Peter Tamony, who for more than 60 years studied how "Americanisms" are invented, modified or borrowed from other languages.

This single compact disc catalogs thousands of articles in scholarly journals. It's part of the technology that is changing the way University libraries provide information to their users.





M FAX

At MU,
how often
did you
go to the
library?

- What library?
- Only before tests.
- Once or twice a week.
- Three to five times a week.
- I lived there.
- I'm still there, how do I get out?

How many books did you check out at MU?

What was the most unusual or funny thing you did or saw in the library?

Help us gather facts for this fun, unscientific poll. Fax *Missouri Alumnus* at [314] 882-7290, or mail to MU Fax, 407 Reynolds Alumni Center, Columbia, Mo. 65211. Include your name, degree, graduation date, address and telephone number. Look for the results in the next issue.

might not recognize the changes that have taken place.

A line of satellite dishes is bolted to the roof of Ellis, scanning millions of bits and bytes of electronic data. Rows of wooden card catalogs still line the walls of the first floor reference section, but cards for new books haven't been filed there since 1985.

Now, library users stand at a row of computer work stations and with a few keystrokes, tap in their search for books and journals on LUMIN, a computerized catalog developed by the University. The acronym stands for Libraries of the University of Missouri Information Network, and LUMIN is an index for all the books MU has acquired since 1960 and includes the holdings from all four campuses.

In another section of the reference area, lines of students pile up to use CD-ROM machines. The acronym stands for compact disc-read only memory and the machine sorts through millions of entries to find abstracts of articles from scholarly journals. A handful of discs contains

as much information as an entire wall filled with the standard indexes.

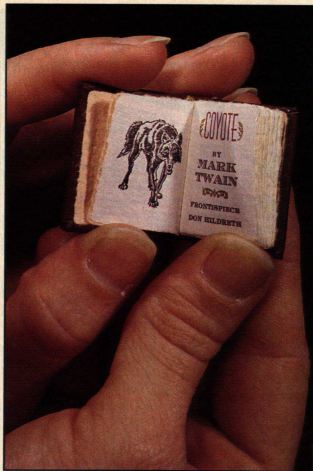
Martha Bowman, director of University Libraries, has been working to spread the electronic revolution at Mizzou. What she and other experts predict for the future includes software packages called client server architecture.

"At one work station a user could have access to databases in other parts of the world," Bowman says. "You tell it what you need to find out, and the software would be searching in places you didn't even know about."

The purpose is to increase access for users. Libraries now are rated in part by the size of their collections—the bigger the better. "We're moving away from the concept that a library actually owns everything, and moving toward being able to access everything for clients no matter where it resides."

And although funding for the libraries is a Campus priority, the skyrocketing cost of library materials keeps a tight budget from stretching far enough.

The journals collection is one area



Documents from the Western Historical Manuscripts Collection provide a link to the past. Explorer William Clark kept this notebook during a 1798 journey to New Orleans, six years before his historic expedition to the Pacific coast.

One of the jewels of MU libraries' special collections is a group of miniature books. Printed as a novelty, this tiny book contains a section from Mark Twain's *Roughing It*.

that's feeling the pinch. MU students and faculty, as well as scholars around Missouri, rely on the libraries' 17,000 journals and other periodical subscriptions to keep up to date in their fields.

For foreign journals alone, the price has more than quadrupled in the past 15 years, from \$41 to \$172 for an average subscription. Last year the serials budget was in the red by nearly \$300,000.

"We made up the deficit by using all available gift monies," Bowman says. "Usually those funds are used to acquire books, this time it all went to pay for serials. We held vacant positions open and used the salary savings. We can't do that anymore."

Bowman adds that if the budget picture doesn't brighten this year, the deficit could grow to \$500,000. Faculty and students almost certainly would see a reduction in the number of journals available at Mizzou libraries. "Yes, we will have to cut," she says. "Already we've worked with faculty to identify a number of journal subscriptions to cancel."

In all categories of library materi-

als, the rate of inflation is outpacing MU's ability to catch up and keep up. The shortfall is demonstrated by a steady decline in the libraries' national rating. In 1978, Mizzou had the 35th largest collection among the nation's 107 research libraries. By 1991 that ranking had dropped to 46th, according to the Association of Research Libraries.

In 1971, the libraries received 4.1 percent of MU's total budget. That percentage had dropped to 2.5 percent by 1990.

Some relief might be down the road. President George Russell has called for priority funding of the University's library system. A task force from all four campuses is developing a five-year plan to look at ways of using the new technology to speed delivery of information to students and faculty.

The plan, says Bowman, will explore "accessing information no matter where it might be and regardless of whether we own it or not. We're in a transitional state, learning to use the technologies that allow us to be much more effective." ☐

Bucks for books

Since the earliest days, MU's library has counted on the support of faculty, students and alumni. Almost from the beginning, the library supplemented slim state appropriations with the efforts of several literary societies on Campus, which helped buy books and periodicals for the fledgling collection.

The library has grown since those days, but it still counts on private support. "Outside funding is important. It makes the margin of difference in maintaining the types of collections that have attracted faculty and scholars to Mizzou," says Martha Bowman, libraries director.

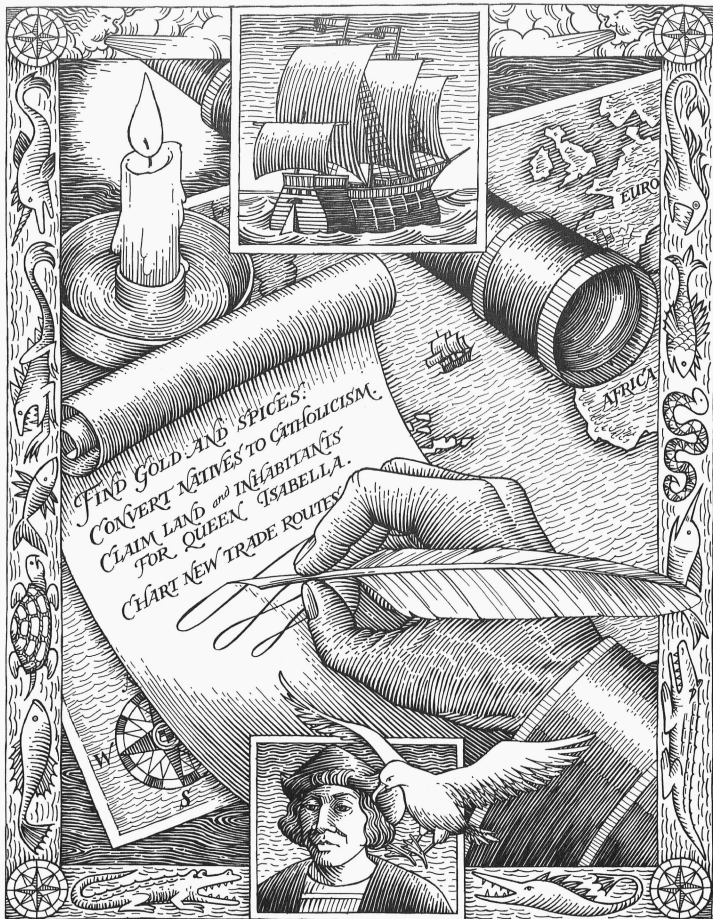
One of the best opportunities to support the libraries comes through contributions to a challenge grant from the National Endowment for the Humanities. If MU can raise \$1.5 million, the endowment will provide an additional \$500,000 to add to and preserve the humanities collection in such disciplines as art history and religious studies. So far, library supporters have raised \$525,000 and the NEH has made a first payment of \$126,000 to Mizzou.

MU's Student Foundation, the student arm of the Mizzou's development program, is carrying on the tradition by making the NEH challenge grant its fund-raising priority. Over the past several years the student group has raised nearly \$6,000 for the library with bake sales, auctions and telephone fund-raisers.

University Libraries also is in the middle of a campaign to raise \$3 million for vital projects at Mizzou. More than \$2.24 million has been raised as part of MU's Capital Campaign, the largest fund-raising effort in the history of the University. And groups like the Friends of the Library are making a difference too.

The friends group includes hundreds of library supporters from around the state who raise money for library needs with activities like an annual used book sale.

MU Alumni Association chapters also support the libraries. The Kansas City chapter is one of eight making significant contributions to the University Libraries. Over two years, chapter volunteers approached more than 600 alumni in the Kansas City area and urged support for one of Mizzou's top academic priorities. The chapter offered to match the first \$25 of any individual gift earmarked for the libraries. As a result, alumni in Kansas City raised more than \$27,000 for the University Libraries. To find out more about helping University Libraries contact Linda L'Hoté, development officer, at 306 Donald W. Reynolds Alumni Center.



Ancient mariner, modern albatross

Christopher Columbus encounters rough sailing in 1992

Story by ERNIE GUTIÉRREZ
Illustration by KATHRYN MITTER

In history, as in comedy, timing is everything. Had Christopher Columbus ventured after spicy foods and riches 20 years earlier than he did, he would have been more of a hero on Oct. 12, the 500th anniversary of his arrival, than he is today, says Dr. Christopher "Kit" Salter, professor and chairman of geography,

and the force behind MU's Columbus celebration (see list of events on Page 22). "Perhaps the best use we can get out of the quincentennial celebration is as a forum to discuss the importance and consequences of Columbus' discovery," Salter says. "Twenty or 30 years ago, his motives wouldn't have undergone the scrutiny they are being subjected to in 1992."

In the '90s, the decade of political correctness and cultural diversity, Columbus is in for a rough ride. His promoters are being forced to defend the explorer from attackers in different camps who accuse him of cultural imperialism, genocide and promoting slavery.

Who was the real Columbus for whom one country and 47 American cities and towns — including Columbia, Mo. — are named, plus numerous universities, rivers and streets? We know he did not discover the land we now call the Americas. "Four centuries earlier Norsemen, the Vikings, had sailed periodically to the northeastern part of Canada," Salter says. "And the continent was already occupied by people who came from Asia following their herds during times when the seas were lower."

Salter adds that pre-Columbian trans-Pacific migration has been well documented, and evidence abounds that advanced civilizations lived in this continent long before the arrival of the Europeans.

The importance of Columbus, Salter says, lies in his skills as a sailor and navigator. "Columbus knew the world was round — the Greeks had said as much years before — so he was determined to find a non-land route to the Indies."

The Indies, which in the minds of 15th-century Europeans included China, Japan and Southeast Asia, held riches of spices, gold and jade, commodities that were the

stock-in-trade of 15th-century commerce. "What I admire most in Columbus is his gutsiness," Salter says. "He relentlessly went after support for his first voyage when others had given up. He believed in his mission and had the tenacity to persevere in the face of overwhelming odds."

He sold his trip as a religious mission to proselytize the Indies, Salter says, and claimed the new land in the name of Spain and the Catholic Church. As a consequence of his explorations, Spain became a giant on the seas, a major force in the Age of Discovery.

That was a popular stance in the 15th and 16th centuries, but today, Columbus is being held up to new standards, a test of political and moral correctness that will be hard to pass for someone who was not particularly humane, even by medieval principles.

"Mention Columbus to most Italian-Americans and they are ready to genuflect," says Dr. Robert E. Weems Jr., assistant professor of history and an expert in the history of civil rights. "But to African-Americans or Native Americans, Columbus' name is cause for anger." In fairness, Weems says, we need to separate Columbus from subsequent events. Once Europeans realized that the islands Columbus encountered were part of a continent different from Asia, the exploitation began.

"Some of the controversy we encounter today comes from the way the discovery of America has been promoted," says Weems, adding that while some historians claim Columbus discovered America,

others — and not only African-American historians — have looked at it as an invasion.

"When you look at the consequences of Columbus' voyages, the result of his actions are open to justifiable criticism," Weems says. "If it had just ended with the Europeans exploring the Western Hemisphere that

would have been fine.

"One of the ironies of the voyages is that America is seen as the shimmering cradle of democracy and of liberty. If we look at the history of this country, as how this country was founded, starting with Columbus, it makes one pause. Millions of Native Americans were killed so that we could have a democracy, one that is based upon the oppression of the indigenous people."

Weems says Columbus' trips are closely allied with capitalism and, in that context, Africans were added to the equation when the need arose for a labor force to extract the riches of the new land. In spite of all the calamities they wrought, Columbus'



Salter



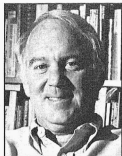
Cha-Jua



Weems

voyages had a positive result, he says, because they set the stage for monumental developments in the world and for transplanting the European culture to the New World.

Dr. Sundiata K. Cha-Jua, director of the Black Studies Program, adds his voice to those who criticize Columbus, but says something positive has come out of his voyages. "In his third diary, Columbus mentions that he saw black men on some of the islands of the Caribbean," Cha-Jua says. "This confirms the documentation of earlier voyages by African societies."



Burggraaff

Along with this positive Cha-Jua sees several negatives. "Columbus' voyages laid down the basis for the slave trade. His trips, and those of Vasco da Gama, Amerigo Vespucci and others, cannot be looked at as journeys by an individual, but as part of a system of exploration for the purpose of exploitation."

Dr. Winfield Burggraaff, professor of Latin American history, urges a balanced view of the quincentennial. He sees Columbus as the person who opened the riches of the New World to the Old World, especially in the Caribbean.

"In the past 40 or 50 years a whole new wave of liberation movements has arisen and it has focused on the exploitation of the Third World by the Europeans, of everyone from the native people of North America to the indigenous people of Latin America," Burggraaff says.

He adds that people are not only looking at the achievements of Columbus and a small band of Europeans, but at the consequences of their penetration in this New World. "They look at a long history of exploitation, atrocities, cruelty and genocide, and they hesitate to join in the celebration," Burggraaff says.

Most of the shouting will be over in October and the different viewpoints will have been heard. Still, for this generation and perhaps generations to come, Columbus will remain as enigmatic as ever, and the admiral, as he liked to be called, will mostly be what people want him to be. □

Columbia Columbus events set

MU and the Columbia community are marking the quincentennial of Columbus' arrival with a variety of events designed to engage the town and the University in meaningful dialogue.

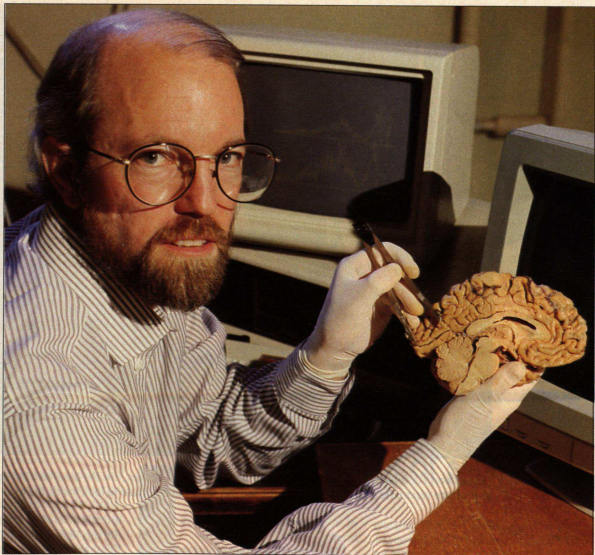
The events, some of which started Oct. 12, 1991, range from the opening of the Museum of Anthropology in Swallow Hall — containing artifacts of pre-Columbus and post-Columbus cultures of the North American continent — to plays, seminars, a Latin American film series, concerts of Spanish and Latin American music, visiting scholars and symposia.

Upcoming courses and events include:

- Geography 35GH, Geographic Perspectives on Columbus, an honors course.
- History 167, Colonial Latin America.
- History 287, The Encounter: Columbus and Caribbean Conquest.
- Stephens College Commemoration, mid-September to mid-October. A series of special events focusing on the role of women in the Columbian Exchange.
- Pre-Columbian art exhibition, Museum of Art and Archaeology, opening Sept. 26. Mayan, Aztec, Colima, Vera Cruz, Inca, Nazca, Mochica and Costa Rican cultures are represented.
- Pre-Columbian textiles exhibition, Sept. 26 to Oct. 6, Museum of Art and Archaeology.
- Quincentennial commemoration, Oct. 1 to 31, Grand Concourse, Ellis Library.
- Brazilian Naive Art, Oct. 1 to Nov. 8, Museum of Art and Archaeology. Exhibit of 35 paintings and five wood carvings by eight Brazilian artists.
- Paine Lecture Series, Oct. 7 to 9, Shook, Hardy and Bacon Classroom, Hulston Hall. Four lectures called "Columbus, Colonialism and the Future of Religion."
- Hickman High School Commemoration, Oct. 12 to 16, Hickman High School. Includes a film festival, booths and displays.
- Missouri Arts Quintet, 8 p.m., Oct. 13, Whitmore Recital Hall. A program of Old and New World music for winds.
- The Waverly Consort, 3 p.m., Nov. 1, Jesse Auditorium. "The Year 1492: Spanish Music in the Age of Columbus" features a performance on period instruments of Spanish music from the time of Columbus.
- "Seeds of Change: Heartland Harvest," January 1993. A traveling exhibit from the Smithsonian Institution that considers the diffusion of sugar, maize, tobacco, hemp, cotton and other plants specific to Missouri.

For a complete schedule of events, write to MU Columbus Quincentennial Committee, Department of Geography, 3 Stewart Hall, Columbia, Mo. 65211.

Dr. Steve Hackley, assistant professor of psychology, is pointing to part of the brain called the visual cortex. Nerve impulses from the eye travel along the optic nerve to the visual cortex where they are translated into the images we see.

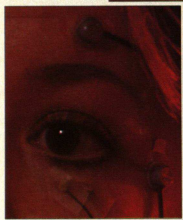


Reprinted from **MIZZOU MAGIC**, a science magazine published by MU for students in Missouri's middle schools and junior highs.

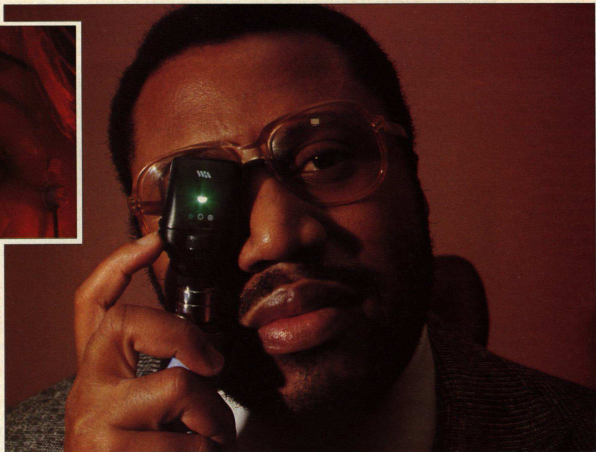
The **see**ing blind

story by John Beahler
photos by Rob Hill

Medical researchers call it “blindsight.” Scientists can’t tell you exactly how it happens, but sometimes, on a subconscious level, some blind people can “see.”



Sensors taped to the eyelids and scalp of graduate student Noelle Wood record how quickly her brain reacts to the flash of a strobe light.



Dr. Lenworth Johnson, associate professor of ophthalmology, studies how the brain and the eyes work together to produce vision. He's holding an ophthalmoscope, which doctors use to look inside the eye.

In scientific studies, research subjects with blindsight are asked to identify one of two different symbols — for example an “X” or an “M.” They might tell researchers that they can’t see, but when forced to make a guess they somehow can answer with remarkable accuracy. In fact they’re almost as accurate as people who have not lost their sight.

The phenomenon only occurs in a select group of blind patients. Some of them have had strokes when the blood flow was blocked to their brain. In others, tumors or head injuries caused blindness.

In all these cases the visual cortex was damaged. The visual cortex is a small area in the back of the brain that translates nerve impulses from the eyes into vision. Their eyes are still normal and continue to send messages to the brain, but that part of the brain no longer can translate the information.

Two Missouri scientists are exploring the pathways of human vision, and they’re working with these blindsight patients to better understand the complicated network

of connections that link the eyes to the brain.

This particular group of test subjects is blind only on one side. That’s because the visual cortex is divided into two parts, and each part of the cortex controls the vision on one side of the body. In these patients, only half of the visual cortex has been damaged.

Some other undamaged part of their brains — perhaps the brain stem — is unconsciously processing visual messages, says Dr. Steve Hackley, assistant professor of psychology.

Hackley and Dr. Lenworth Johnson, associate professor of ophthalmology, are trying to trace those unconscious pathways.

Scientists know that the eyes and the brain work together to produce vision. Just like the most advanced computer, your eyes break down each visual image into millions of pieces of information. That information is converted into electrical impulses which are sent to the visual cortex. Here’s how the process works:

Every time you blink your eyes and look at something, hundreds of millions of cells go to work. Some raise and lower the eyelids. Others move the eyeball to look

directly at an object. Still other cells adjust the tiny lens in the pupil of the eye to let light rays inside and form a sharper image on the retina.

If you compare the human eye to a camera with lenses and shutters, then the retina, located at the back of the eyeball, is like photographic film. Each human retina consists of nearly 120 million photoreceptor cells which are activated when light enters the eyes. Then other specialized cells in the retina sort out information about size, color, light and movement.

“The retina is able to convert light energy into an electrical as well as a chemical type of signal,” Johnson says. That information is sent on to the brain through bundles of nerve fibers called the optic nerve.

“The visual system is one of the most complex systems in the human body,” Johnson adds. “Nearly 40 percent of the nerve cells going into the brain pertain to vision.”

Hackley is studying how blindsight patients react to visual stimulus — a flash of light. The subjects blink in response to

the bright light, and electrodes taped to their eyelids and scalps measure the brain waves and muscle activity that are generated in response.

"We don't always know where these reflexes and brain waves come from," Hackley says. "I hope our research helps us make some conclusions about what circuits in the brain are involved."

By timing the brain waves, researchers learn how quickly the brain reacts when the eyes send messages about the flashing lights. That can tell the scientists where in the brain the information is sent.

For a person with normal vision it takes about 30 milliseconds—30 one-thousandths of a second—for the eyes to send a message to the visual cortex. "We will check the reflex reaction time of the blindsight patients, and if the reflex happens more quickly than 30 milliseconds then we know the information didn't go through the cortex," Hackley explains.


By comparing different reactions between the patients' blind side and sighted side, the researchers can infer which parts of the brain produce the reflexes and brain waves.

So if these visual messages don't make it to the cortex, where are they ending up? Hackley and Johnson think that one possibility is an area lower in the brain, called the brain stem. Scientists know that as the optic nerve travels back to the cortex, some of the nerve fibers branch off to the brain stem.

The brain stem keeps track of many of the body's reflex activities—like blood pressure and heart rate and breathing. Hackley says that the brain stem may be the location of blindsight.

If their research confirms that theory, then scientists have succeeded in mapping another section of the human nervous system.

How can map making help others? Currently, doctors rely on brain scans to pinpoint damage to the brain from strokes and other disease. "Sometimes the brain quits working, or won't work right, and you can't find the reason on a brain scan," Hackley says. "This information can be used as a diagnostic tool to test visual pathways."

Johnson calls this blindsight study basic research. "Although we are studying real people, we can't apply the results of our research to help others right away." But Johnson hopes that, in the long run, blindsight research will improve the quality of life for everyone. 

Finding your blind spot

Even people with normal vision have a blind spot. That's because the eye cannot detect light that falls on a certain place in the back of your eye where the optic nerve is attached. The optic nerve connects the eye to the brain.

To find your blind spot, close your left eye, and use your right eye to stare at the "O." Keep your eye on the "O," and slowly move the page closer or farther away from your face, within a range of about 2

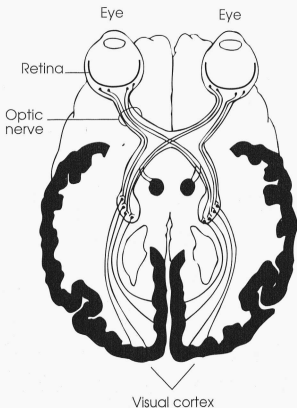
to 8 inches. At a certain distance, the "X" will disappear. That's because the light from it is going to the blind spot in your eye.

If we're all blind in that spot, why doesn't it look black? The reason is that the brain fills in this empty region according to whatever color or shape is next to it. In some ways, blindness is similar. To blind people the world does not look black—like on a dark night. They just aren't aware of light.

O

X

Pathways of sight



Keeping in touch

Story by JOAN M. MCKEE
Photos by ROB HILL

Alumni Association

1991-1992
Annual Report

Association President Richard P. Moore, AB '54, JD '56, presides over the executive committee meeting in Kansas City Aug. 24.



An MU alumna's brother had already searched 185,000 birth records trying to find information that would help him locate the sister he had never met. After his search revealed that she graduated from Mizzou, he wrote a letter to the MU Alumni Association asking for help. "I don't know how else he would have found me," says the long-lost sister, who requested that her and her brother's name remain anonymous. The two have gotten together several times since and have more reunions planned. "I have much more in common with him than anyone else in my family," she says. "It's a good thing you keep track of all alumni."

The locator service, which as of July 1 has access to 127,932 alumni, is just one way the Association serves its members. To preserve privacy, the Association does not give out alumni addresses. Instead, Association members wishing to find a college friend need to send a letter with a stamped envelope that will be forwarded to the individual. Non-members must pay a fee for the service.

Scholarships

Scholarships is one way the Association keeps in contact with students' needs. Katrina Coleman of St. Louis says she felt honored to be one of the three freshmen who received an Alumni Scholarship from the Black Alumni Organization. She loves to work with children, and the scholarship is helping her prepare for a degree in child psychology. Association chapters and organizations raise funds for scholarships that are matched by the Association up to \$500. During the 1991-92 school year, the Alumni Scholars Program gave 137 scholarships worth \$75,814.

Membership

Membership reached an all time high of 30,876 thanks to alumni organizations like the College of Education's. This group brought in Association members who are teachers, principals and superintendents to critique students' job-interviewing skills. By limiting participants to students who belonged to the Association's student chapter, the group hopes to build a tradition of supporting the Association among students, says Jo Behymer, BS Ed '62, M Ed '65, Ed Sp '75, EdD '77, associate professor of education.

Membership has benefits for alumni of all ages. "One of the more intelligent things I did when I left Mizzou was to become a member of the Alumni Association," writes William



Left, District Nine Director Ron Carpenter, BSF '71, JD '73, plays in the Tiger Tennis Rally June 6 at Osage Beach, Mo., which raised more than \$1,800 for scholarships.

Right, Dr. Al Pickard, assistant chairman of the music department leads the Kansas City Alumni Band at the chapter's picnic Aug. 23.

D. Asking, BJ '50. "It has paid dividends throughout the years, and it's been great to keep in touch with who has done what and how the University is progressing."

Other member benefits include:

- 1992 Member Calendar with colorful photos of Campus.
- New Member Kit, with information on getting involved.
- 1991 Membership Directory
- 1991-92 members' names recorded on a special honor roll in the Donald W. Reynolds Alumni and Visitor Center's library.

Missouri Alumnus

"When you are way out here, the *Missouri Alumnus* is a lifeline. It makes you feel connected," says Bob McCarthy, BJ '87, of Ventura, Calif.

Tom Carroll, AB '30, agrees. "In my retirement years, I have to make my return trips to Columbia through the pages of the *Missouri Alumnus*," he writes. "So its arrival is always a special day for me. Although it has been more than 60 years since my student days, I still visit there often in my memories."

These are just two of 118,000 alumni and friends throughout the world who receive the magazine, which for 80 years has kept alumni informed about MU. Members' dues and advertising revenue support the quarterly publication. With concern for the environment, the magazine is printed on recycled paper with soy ink since the fall '91 issue.

Chapters

When the St. Louis chapter started its activities fee to allow the group to keep in touch with members and to award scholarships, more than 500 alumni responded. "Our mission states that one of our goals is to act as an ambassador for MU," says President Pam Debandt, BJ '83. "To give away scholarships to students who need them is one way to fulfill that mission."

Alumni in 31 in-state and 22 out-of-state chapters plus an international chapter in Korea served MU throughout the year.

Organizations and Groups

Formed in October, the Air Force ROTC Alumni Organization sends a newsletter each semester to its members to keep them informed with what is going on at MU. Members see this

organization as a way to bring students in contact with alumni who have firsthand experience with the U.S. Air Force, says Col. William E. Boston III, who retired as chairman of the department of aerospace studies in June. "It's been quite successful. After the first newsletter, we got 30 or more phone calls and letters. Alumni were glad to hear from us."

Major General Burton R. Moore, BJ '63, serves as honorary director and goodwill ambassador for the chapter, which has started a scholarship fund for students.

Other alumni constituent groups include the Black Alumni Organization, Fulbright Alumni, Navy ROTC Alumni, Army ROTC Alumni and the Student Alumni chapter. Twelve schools, colleges and departments have active alumni organizations.

Development Incentive Grants

Some of Dr. Yuyi Lin's mechanical engineering students get on-the-job training when they work with local companies. But to get those positions, they need to keep up with innovations in their field. The assistant professor of mechanical and aerospace engineering turned to the Association for help and was one of 30 faculty members to receive a Faculty Incentive Grant. This program, which awarded \$10,004 in 1991-92, provides money for projects that might not otherwise be funded by the University. Lin is using the \$750 he received to buy books and computer software. "This is a field where the technology is constantly changing," Lin says. "Our department doesn't have the money to buy new mechanical design handbooks every two or three years. This will help our students keep current."

Alumni Center

Donald W. Reynolds, BJ '27, proudly cut the ribbon officially opening the alumni and visitor center that bears his name April 10. The Donald W. Reynolds Foundation funded the center with \$9 million, the largest gift in the history of the University. The center, just south of Jesse Hall, houses the MU Alumni Association, the visitor center, the development offices, alumni records and the *Missouri Alumnus* magazine. Students, faculty, alumni and friends have filled the meeting and banquet rooms since they began operation in April. The University Club opened its lounge in June and is preparing for the grand opening of the restaurant Sept. 16.

Committees

Eleanor Frasier, BS Ed '61, M Ed '65, looks back at her four years as chairwoman of the building committee for the Donald W. Reynolds Alumni and Visitor Center with pride, not only in the 71,000-square-foot building, but in the commitment of the other committee members. The six members met for 50 all-day meetings plus many phone conversations and small meetings with the architect. During the last year after most of the building decisions were made, the committee was busy selecting office furnishings.

Other committees that devoted numerous hours to the Association include athletic, alumni center management, communications, faculty-alumni awards, finance, rules, tours, membership and LINC, the legislative information network committee.



Tours

"I traveled a lot when I worked," says Roscoe Bowles, BS BA '48, who retired from Phillips Petroleum Co. seven years ago. "Now I go wherever I want." He and his wife, Eleanor, who have traveled all across the United States and have made more than 15 trips to Europe, chose to travel with the Tourin' Tigers last April on a Mediterranean cruise. Bowles enjoyed meeting other Mizzou alumni and made a new friend, Bill Stone, BS BA '48, of Miami Beach, Fla. In 1991-92, alumni went on 12 tours, which included a safari in Kenya, a South Pacific Cruise and tours of China, Hong Kong, Russia and France.

Leaders' Day

Bringing alumni together in support of MU is what brought honor's status to the Camdenton County chapter. The members meet every three months to plan such events as the Tiger Tennis Tournament, which raises money for scholarships. For 1991-92, the chapter gave \$1,500 in scholarships to three students. "Awarding scholarships is the most important thing we do," says President Frank Sallee, BS Ag '51. "We get people involved to raise money to get scholarships."

To show its support of the most active alumni groups, the Association honored the officers of 25 chapters — 12 in Missouri, five out-of-state and eight constituent groups — at Leaders' Day Sept. 13 in Columbia.

Credit Card

Last year 2,672 Mizzou alumni and friends showed their connection to MU each time they used their MasterCard or VISA. The Mizzou credit card program through Commerce Bank in Kansas City gives the Association a percentage of every purchase made on the Mizzou MasterCard that features a Tiger and the VISA displaying a photo of the Columns and Jesse Hall. Since the program started in March 1991, it has generated \$57,184 for the Association, which uses the funds to support activities benefitting students and faculty.

Student Board

Planning the 50-year reunion gave members of the Alumni Association Student Board a real sense of what it means to be an alumnus, says 1991-92 President Sheliah Gilliland. "When

you see people come back 50 years later and be excited to come back to Mizzou, you realize that your college experience will stay with you." AASB members also served as ambassadors at the opening of the Donald W. Reynolds Alumni and Visitor Center April 10. The group's goal is to use the building to link students with Association members to show the importance of being active alumni, Gilliland says. The 55 AASB members also helped recruit students for MU.

Homecoming

Missouri State Sen. Roger B. Wilson, M Ed '86, was the grand marshal for the parade Oct. 19 during Homecoming '91. At halftime ceremonies, Homecoming King Tracy Outlaw and Queen Kim Yates were crowned. As part of the weeklong celebration, students collected 3,660 pints of blood for the Red Cross, making this drive the second largest in the nation on a college campus. MU still holds the record for the largest drive — 3,995 pints in 1990.

Reunion

Limon Kerr, BS Ag '23, has been the oldest person attending the Gold Medal Class reunions five out of the last six years. The 91-year-old from Ozark, Mo., says he enjoys meeting with other MU graduates at the 50-year and Gold Medal reunions each spring. This year, 180 alumni and guests returned to MU April 30 through May 2 to tour Campus, attend seminars and reminisce with former classmates.

Board of Directors

"I encourage everyone to join the Association," says Richard P. Moore, AB '54, JD '56. "Membership is one small way to support the University because of all the ways the Association supports MU," he says. As 1991-92 Association president, he made more than 25 trips to Campus from his home in Ballwin, Mo., to attend board meetings and to promote Association business.

Moore governed Association affairs as part of the 64-member board of directors. 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 students representatives. ☐



Far left, Bill Constantine, AB '56 and Denny Allen Brisley, AB '58, greet playwright Eric Wilson, AB '91, after the performance of *Strands* at the Kennedy Center.

A bust of Donald W. Reynolds, BJ '27, fourth from left, was unveiled April 9 as part of the dedication celebration of the alumni and visitor center that bears his name.

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As Mizzou's athletic director, Dan Devine has these goals:

- Enhance internal and external pride.
- Prepare a five-year plan for athletics with specific priorities and the means to achieve them.
- Increase gifts to department by \$2 million.
- Ensure department runs in accordance with NCAA and MU policies.
- Advise on gender equity in intercollegiate athletics.

Devine comeback

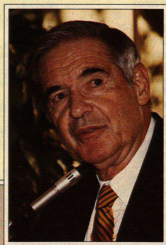
By **TERRY JORDAN**

Dan Devine says he wants to tackle national issues after addressing immediate concerns. "I think freshmen should be in the library, not on the football field," he says. "And we need to look at a football playoff system."

Ernie Gutierrez photo

Dan Devine, in black hat, stalks the sidelines during a game in the mid 1960s. Fred Wappel, MU trainer since 1955, is on Devine's right, and Al Onofrio, who succeeded Devine as head coach, is on the field.

Sports Information photo



Dan Devine fulfilled his first mission as MU athletic director—injecting a sense of enthusiasm and pride into the program—a full month before officially beginning the job.

“Will Dan Devine help to bring people together again?” asked Paul Blackman, AB ’71, president of the Tiger Club of Kansas City. “Look around. He already has.”

Blackman’s comments came after Devine, football Coach Bob Stull and basketball Coach Norm Stewart, BS Ed ’56, M Ed ’60, received standing ovations at the club’s annual banquet June 30 in Overland Park, Kan. Only eight months before, some of those same boosters had taken Stull to task over the football team’s performance. But not on this night.

“Bob Stull and Norm Stewart are my coaches, and you’d better know that’s the way it is and the way it’s going to be,” Devine said to wild applause. It was his first appearance before Tiger supporters since interim Chancellor Gerald Brouder announced that the legendary football coach, 67, would come out of retirement in Arizona to begin a one-year term as athletic director Aug. 1. “You can see the change already,” said Sarah Reesman, AB ’86, secretary of the Kansas City club. “People are excited.”

Devine, who led the Tigers to a 93-37-7 record and six bowl games between 1958 and 1970, captivated the crowd with tales from the great years. Some of his former players were there, and he told anecdotes about each. “If I had known I was this good, I never would have left,” he joked.

But Devine, who had served as MU athletic director from 1967 through 1970, knows that it takes more than a good sense of humor to succeed in the job. “I’m going to be busy, and I hope people will understand if I can’t attend every event,” he says.

As an example, he cites a conflict that will force him to miss a charity golf tournament in Albany, Mo., in favor of a fund raiser in St. Louis the same day. “I’ve been charged with raising \$2 million over the next 12 months, so I’ve got to go with the pep rally,” Devine says. “My desk is heaped with requests from various groups, and I’m trying to pick and choose very carefully.”

He is indebted to alumni, who were instrumental in the movement to rehire him upon Dick Tamburo’s retirement. “I received carbons of probably 200 letters that had been sent to the administration in support of me,” Devine says. He realizes, though, that some alumni will need to be lured back into the fold. “There are still some hard feelings over decisions made years ago,” he adds.

One of those was the firing of Al Onofrio, Devine’s successor at MU and long-time friend, after the 1977 season. “A lot of people, particularly in the Springfield and Joplin area, are still upset over that,” Devine says. “I would hope my coming back might help heal some of those wounds.”

Another is the ticket policy that former Athletic Director Dave Hart instituted in 1978, in which long-time season ticket-holders were asked to pay a premium or risk losing their seats. “But that is a common practice in college athletics today, and some schools ask for much more than Missouri does,” Devine says. “We’ll have to examine all of that.”

He also will examine the relationships among the various MU booster groups in the state. Wayne Sells, Educ ’65, president of the 600-member Tiger Quarterback Club of Columbia, acknowledges that some members were upset last fall by public criticism of Stull that came out of Kansas City. “We support Bob Stull,” Sells says, “and I personally think that his contract should be renewed for another five years right now.”

Blackman plans the leadership of the Kansas City club plans to meet with the Columbia group and with the Tiger Quarterback Club of St. Louis to mend fences. Adds Devine: “I’m trying to be a diplomat and change the thrust of the clubs from one of second-guessing Saturday’s game to one of fund raising.”

At the same time, however, he intends to keep fund raising separate from fan support. “I want to develop new contributors or try to get current ones to donate more,” Devine says. “We shouldn’t put more of a burden on the average family that goes to the games. I don’t want to price them out of the market.”

The families at the games probably won’t see Devine on the sidelines, but rather mingling with fans in the stands or entertaining potential donors in a private box. “I don’t plan to interfere in football or basketball,” he says. “Bob and Norm are my coaches.”

For Devine, this assignment is personally satisfying as well. He may stay for a time with his son, Dan Devine Jr., or a daughter, Jennifer Husain, who still live in Columbia. His wife, Jo, who has had multiple sclerosis since 1973, will remain at the family residence in Arizona, but will visit on extended trips.

“I feel as if I’m coming home,” Devine says. “Columbia is where Jo and I raised our seven kids. It’s where we went through all the skinned knees and the swimming meets and the proms. It’s a special place.”

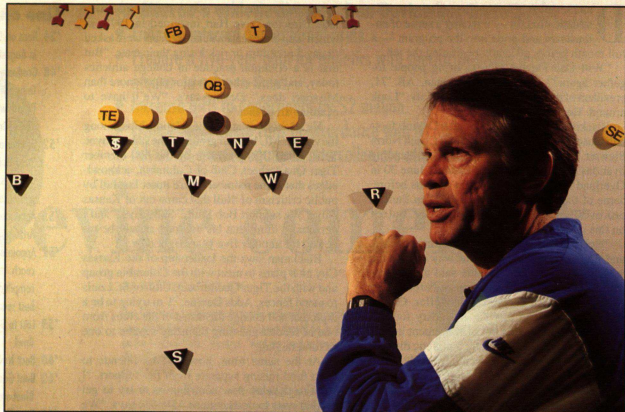
And Blackman says Devine is something special to Mizzou fans. “Let’s face it: We know that Dan Devine is not personally going to win any football games, and he’s not going to make any 3-pointers for the basketball team,” Blackman says. “But he can create the enthusiasm and raise funds, and let people know that the sleeping giant is waking up.”

While Devine is serving his year, a committee will be conducting a national search for a permanent athletic director. Would Devine be interested in that job? “Oh, I don’t know,” he says. “We’ll have a lot of time to think about that.”

Line on Devine

- ’24 Born on Dec. 23 in Augusta, Wis.
- ’48 Graduated from the University of Minnesota-Duluth with a bachelor’s degree in social studies.
- ’52 Graduated from Michigan State University with a master’s degree in guidance and counseling.
- ’55 Appointed head coach at Arizona State University.
- ’57 Appointed MU’s head coach. In 13 seasons compiled one of nation’s best records.
- ’59 Lost to Georgia in Orange Bowl.
- ’60 Beat Navy in Orange Bowl.
- ’62 Beat Georgia Tech in Bluebonnet Bowl.
- ’65 Beat Florida in Sugar Bowl.
- ’67 Appointed athletic director at MU, in addition to coaching duties.
- ’68 Beat Alabama in Gator Bowl.
- ’69 Lost to Penn State in Orange Bowl.
- ’71 Resigned from Mizzou to become head coach and general manager of the Green Bay Packers.
- ’72 Won division championship.
- ’75 Appointed head coach at Notre Dame.
- ’77 Won national championship.
- ’80 Became executive director of the Sun Angel Foundation at Arizona State and named director of community education and substance abuse prevention at Arizona.
- ’92 Retired on June 30, and appointed MU athletic director for a one-year term, effective Aug. 1.

Don Lindsey explains a formation in Mizzou's new attack defense. "Much of what we do will be dictated by the other team's offensive formation. Generally, though, we'll have eight men on or near the line of scrimmage for most plays." Bob Hill photo



Attack Defense

BY TERRY JORDAN

Ask Notre Dame coach Lou Holtz about Don Lindsey, MU's new football defensive coordinator, and he recalls a cool, cloudy October afternoon 11 years ago in Fayetteville, Ark.

Holtz and Lindsey were coaching together at Arkansas at the time, and No. 1 Texas came to town. "We had

a pretty good team, but we weren't ranked," Holtz remembers.

Arkansas creamed 'em, 42-11.

"I never had seen anyone get a defensive unit ready for a game the way Don did that day," Holtz says. "It was incredible."

Holtz isn't the only coach impressed by Lindsey's talents. "To get the most out of your players, you have to know when to yell and scream, and when to back off," says Kentucky's Bill Curry, who coached with Lindsey at Georgia Tech and Alabama. "There's a certain magic to

it. And Don's got it."

Lindsey chuckles at the comment. "Oh, I wish I had a magic wand," says the 48-year-old native of Camden, Ark. Instead, his secret could be explained by a sign in his office that reads: "To handle yourself, use your head. To handle others, use your heart."

"That's what I try to live by — not only in life, but in the way I deal with my players," he says. "The casual fan may look at a defensive unit that is playing poorly and say, 'They need more speed,' or 'They're too small.'

And sure, in some cases that may be part of the problem.

"But let's look at something else. First, our have to want to win. You have to be the type of player who flat-out refuses to lose. Secondly, you have to overcome your obstacles — and those obstacles are different for each player. One kid may lack confidence; another may be a prima donna; another may be having problems with his girlfriend.

"As a coach, you have to spend time with these kids and get to know each of them well. Then you've got to do everything in your power to get rid of those obstacles by game day so they can play together as a team."

He pauses and leans back. "If you can do that, you've got a good chance to beat any team in the country — especially if that team is having an off day."



The formula has worked well for Lindsey, a former quarterback at Arkansas A&M who began coaching as a graduate assistant under Paul "Bear" Bryant at Alabama in 1965. He became defensive coordinator at Montana State in 1967, and that season the Bobcats won the Big Sky Conference. Four years later, Lindsey landed a job at Southern California and began a successful 10-year stint under coaches John McKay and John Robinson. The jobs at Arkansas, Georgia Tech and Alabama followed. In all, he's coached on four national championship teams and in 16 bowl games, including six Rose Bowls and two Sugar Bowls.

Now he's at Mizzou, which has gone nine years without a winning season. Last year, the Tigers gave up 403 points, a school-record, and finished 105th of 107 major-college teams in total defense. In 1984, Lindsey took a Georgia Tech defense from last to first in the Atlantic Coast Conference. Could the same thing happen at MU?

"These players have to learn how to win, and right now they're not used to that," he says. "They're going to need to be prepared, both physically and mentally. I haven't been here long enough to know each of them well, so that's the first task."


The second task is to install an "attack defense" that will put eight men on or near the line of scrimmage for most plays. In this scenario, two cornerbacks become known as "bandit" and "rover," taking on some of the characteristics of linebackers. "What hurts a passing game more than anything else?" Lindsey asks rhetorically. "Pressure."

Or as Billy Ray Smith, a member of that 1981 Arkansas team who has gone on to a successful career with the San Diego Chargers, puts it: "Don will give you an exciting defense with a lot of blitzes. The fans will love it."

Lindsey admits that it may take a few games to fine-tune the defense. "But what I'm looking for is a best effort. Once you get that effort, the human spirit can work wonders."

If that sounds like a statement from a man driven by a higher power, so be it. Lindsey is a born-again Christian who says the three most important things in his life are his faith, his family and football, in that order. He took a break from coaching two years ago to return to Camden and spend time with his father, who had suffered a heart attack. Returning to the game required a joint decision by himself, his wife of 27 years, Linda, and their 11-year-old daughter, Michelle. "We're a family, and in matters like this we all have to agree," he says.

Tiger Coach Bob Stull is glad they did. "We've been wanting to move toward an attack defense, and Don has a lot of experience with it," Stull says. "We think he can really help this team."

Lindsey is making no promises. "We're at the bottom now," he says. "I always tell my players that they have to be accountable — that they're either the problem or the solution. I want us to be the solution." 



Hungry Tigers tackle tough schedule

At this time last year, Tiger football Coach Bob Stull was remarking that Mizzou's most formidable opponent could be its horrendous schedule.

The situation is even worse this year.

"We start out against three teams that went to bowl games last season," says Stull, who is beginning his fourth year at MU and hungers for a winning season. "And that's before any of the Big Eight games."

Stull promises changes on both offense and defense in 1992. "Throwing the ball will always be our forte, but you may see a little more running this year," he says. Junior Phil Johnson will likely start at quarterback, but faces tough competition from

sophomore Jeff Handy. Both looked good in spring drills.

They'll be throwing to receivers Victor Bailey, Byron Chamberlain, Kenny Holly and converted defensive back Mike Jadlot, all returning from last year. Leading the running game will be tailback Mark Jackson and Ronnell Kayhill, a tailback who may be moved to fullback.

On defense, new coordinator Don Lindsey is ready to install an "attack defense" that puts more pressure on the opponent. Applying some of that pressure will be end Stacy Elliott, tackle Rick Lyle and backs Maurice Benson and Jermaine Wilkins, all of whom saw considerable action last year. "Position for position, we don't have as much experience as I'd like. But they're a talented bunch

of kids," Stull says.

The *Sporting News* picks Missouri to finish sixth in the Big Eight, while *Lindy's* predicts that Mizzou will finish fifth in the conference. Stull realizes that the Tigers will need to patch up a porous defense and improve the running game if they want to better last season's 3-7-1 mark.

They have to stay healthy, too. "We were doing OK last year until we started getting hurt," Stull says. "We can't lose many players this year."



Football 1992

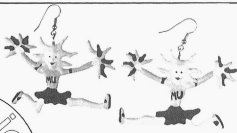
Sept. 12	at Illinois (ABC)
Sept. 19	Texas A&M
Sept. 26	at Indiana
Oct. 3	Marshall
Oct. 8	Colorado (ESPN)
Oct. 17	at Oklahoma State
Oct. 24	Nebraska (Homecoming)
Oct. 31	at Iowa State
Nov. 7	at Oklahoma
Nov. 14	Kansas State
Nov. 21	Kansas



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Anthony Peeler poses with Jerry West, Lakers general manager and former NBA great, after Peeler was drafted by the club June 24.

Photography Ink photo

Headed for L.A.

Anthony Peeler, the highest-scoring guard in MU history, is a Los Angeles Laker.

Peeler was drafted by the club June 24 and signed a multiyear contract Aug. 7. Terms were not disclosed.

In the weeks preceding the draft, however, Peeler's life was anything but star-studded. He was arrested May 30 and charged with three felonies after an acquaintance, Angela Link, 20, told police that Peeler held a gun to her head and bit her in her Columbia apartment the night before. Peeler subsequently pleaded guilty to a felony weapons charge and to two reduced charges — third-degree assault and false imprisonment, both misdemeanors — and was given five years' probation.

But he was back in the news June 21, after Lanae Brown, 19, told Kansas City police that Peeler punched her in the face and wrestled her to the ground at a park. Brown filed an assault complaint, but the prosecutor dropped the charge the day before the draft. "I want to put these incidents behind me and reach for the stars," Peeler says.

Six inducted to Hall

Two football players, two basketball players, a coach and an administrator make up the 1992 inductees into MU's Interscholastic Athletics Hall of Fame.

Basketball players Marshall Craig, AB '30, JD '32, and John Cooper, AB '34, MA '37, EdD '46, along with football coach Gwynn Henry, are new members of the hall's pioneer era (1890-1952). Craig led the Tigers to a Big Six championship in 1930. Cooper, who lettered from 1932-34, popularized the jump shot on a national level. Henry's success prompted the University to build Memorial Stadium in 1926; his football teams compiled a 40-

Olympic dreamer

Three years ago, Natasha Kaiser, AB '90, told the *Missouri Alumnus* that her dream was to run in the 1992 Summer Olympics in Barcelona.

Her dream came true — and then some. Kaiser brought home a silver medal as a member of the women's 1,600-meter relay team. Her unit finished second to the Unified team Aug. 8 with a time of 3 minutes and 20.92 seconds. Earlier, she finished sixth in the women's 400-meter semifinal with a time of 50.6 seconds.

Kaiser became the first woman from MU to qualify for the Olympics by running the 400 meters in 50.42 seconds. That mark, her personal best, was recorded at the U.S. qualifying trials June 24 in New Orleans.

Kaiser, a native of Des Moines, Iowa, became the first MU woman to win an NCAA indoor track title when she took first in the 400 meters in Indianapolis in 1989. Two months later, she set school and conference marks by winning the 400 meters in 51.05 seconds at the Big Eight outdoor meet. She subsequently was named female athlete of the year in the Big Eight Conference.

In the years since, Kaiser has been a graduate assistant and sprints coach at Mizzou. Last year she won a gold medal in the Pan American games as a member of the U.S. 1,600-meter relay team.



28-9 record and won three conference titles between 1923 and 1931.

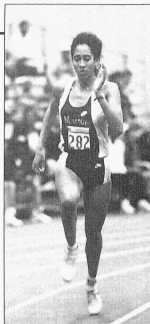
Football players Danny LaRose, BS Ed '62, and Leo Lewis III, BS Ed '80, along with Bill Callahan, BJ '47, former sports information director, are new members of the hall's modern era (1953-87). LaRose, one of the most decorated all-Americans at MU, was a two-way starter at end in 1960, the year the Tigers missed winning the national championship by one game. Lewis, who led MU in punt returns from 1975 to 1978, recently retired from a 13-year professional career, mostly with the Minnesota Vikings. Callahan spent 38 years as sports information director, working a national-record 377 consecutive football games.

The induction dinner will be Sept. 18 at the Holiday Inn Executive Center in Columbia. For ticket information, call the Tiger Scholarship Fund at (314) 882-6501.

New swim coach

Brian K. Hoffer, 29, an assistant coach at Arizona State University since 1986, has been hired as Mizzou's swim coach.

"Brian's experience with one of the nation's top programs as a coach and proven recruiter gives him excellent qualifications," says Joe Castiglione, associate athletic director. The Arizona State women have placed in the top 10 at the NCAA championships four of the past six years, and the men were ninth in 1991.



Natasha Kaiser has competed in seven international meets for the U.S. National Team.

Sport Information photo

Missouri FOOTBALL Magazine Summer '92

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Vanderbilt provost named MU chancellor

Dr. Charles A. Kiesler, 58, will become MU chancellor Nov. 1, announced President George Russell Aug. 3.

"He is a leader who gets things done and who is willing to make rational decisions and take responsibility," Russell says.

Kiesler, provost and professor of psychology at Vanderbilt University in Nashville, Tenn., succeeds Dr. Haskell Monroe, who resigned Dec. 31. Monroe teaches history at MU. Interim Chancellor Gerald T. Brouder is expected to stay on as provost. A native of St. Louis, Kiesler was one of five candidates who visited Campus this summer for interviews with faculty, staff, students and alumni. He holds bachelor's

and master's degrees from Michigan State University and a doctorate in social psychology from Stanford University.

During interviews on Campus, Kiesler said, "I don't think that becoming smaller here would necessarily make you better, but I think it could. Universities can't aspire to do everything anymore.

"We have to do something to re-establish our credibility with the public. I see cuts and realignments within the University as having one very positive effect: showing the public that we have our own priority list, that we can handle our own business, that we can reallocate funds to the things that we think are the most important.

"We have crisis in the public's conception of education; we have parents who no longer are willing to save for their child's education — they view it as a budgetary

problem; the children don't save themselves; we have a fraction of the people who have need-based aid who never had a part-time job to save money for college; we have parents who have a Mercedes, summer home, a country club membership, yet no one saves for their children's education.

"We have to re-convince people that higher education for a child is the most important investment they'll ever make.

"My goal would be to make this campus one of the best public comprehensive universities around, during the worst times possible. I think it can be done."

Kiesler is chairman of the athletic committee and faculty athletic representative to the Southeastern Conference, the College Football Association and National Collegiate Athletic Association. Prior to working at Vanderbilt, Kiesler was a psychology professor, department chairman and dean at Carnegie-Mellon University, psychology professor and department chairman at the University of Kansas and a psychology faculty member at Yale University.

Kiesler is taking a \$100,000 pay cut to accept MU's \$150,000 position. He and his wife, Dr. Teru Morton, and their son, Hugo, 6, will live in The Residence on Francis Quadrangle.



Kiesler

Taking a look at American buildings

Dr. Osmund Overby, MU professor of art history, has been selected editor in chief of a proposed 55-volume series, *The Buildings of the United States*.

The state-by-state series, expected to be the most exhaustive and professional review of American architecture ever produced, will be published by the Oxford University Press.

"Many books exist on architecture of various cities and regions, but they vary in character and quality," Overby says. "We want this series to be as good and strong as possible from an academic point of view, but want the public to understand it as well."

The first four volumes, which will focus on buildings in Michigan, Iowa, Alaska and Washington, D.C., will be published this fall. Four states — New York, Virginia, Pennsylvania and California — will have two volumes each, due to the abundance of architectural examples.

Overby, who has taught at MU since 1964, has an international reputation in architectural history, says David A. Bahlman, executive director of the Society of Architectural Historians. "Professional expertise and well-honed diplomatic skills make him an incredible source for this project."

Overby anticipates that *The Buildings of the United States* will take between 11 and 15 years to complete. The project was begun with grants totaling \$422,000 from the National Endowment for the Humanities, the Pew Charitable Trusts and the Graham Foundation. Current work is supported by a second grant of \$50,000 from the National Endowment for the Humanities, along with matching funds.



MU scores high on C-BASE

Mizzou students last year performed well above the national average on the College BASE, a test of general education that assesses knowledge and skills in English, mathematics, science and social studies. The Campus chalked up an average composite score of 329, compared to the national mean score of 300 out of 560 points.

The test lets students know how well they're doing and serves as an advising tool. It also helps schools and colleges assess their curricula. Some students grumbled when they were required to take the four-hour exam for the first time during the 1991-1992 school year. "These are impressive scores. The students took this assignment seriously," says Dr. Steve Osterlind, associate professor of education, and director of MU's Center for Educational Assessment, which developed the test and administers it to 140 colleges and universities nationwide.

Budget year brightens

A smaller withholding by the state, an expected increase in fee income and a redirection of funds will give MU more money for its priorities during the upcoming year.

Funding increases for the fiscal year that began July 1 include libraries, \$355,000; computing, \$500,000; research, graduate and professional education, \$1 million; student financial aid, \$750,000; and general education, \$500,000.

In addition, faculty members will receive, on the average, 6 percent salary increases based on merit. Staff raises will average 3 percent. Faculty and staff received no pay increases last year.

The University began the fiscal year with a state appropriation of \$138 million, which matches that of last year. But the state withholding will be about \$4 million, as opposed to a series of withholdings in 1991-92 that totaled \$10 million.

Income from educational fee increases will boost the budget by about \$7.2 million, while a redirection of funds will reduce several accounts, including general administration, by \$1.3 million; academic administration, \$153,290; the chancellor's contingency fund, \$250,000; a KOMU-TV subsidy, \$160,000; continuing education and extension, \$500,000; and development, \$84,000.

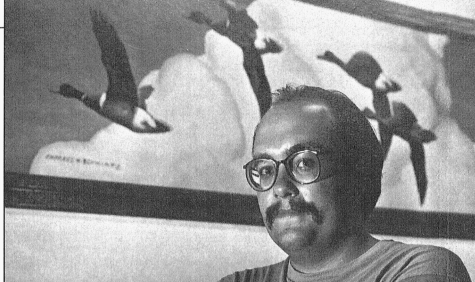
Mergers, relocations among planning topics

MU's two long-range planning groups are examining several issues, including possibly relocating the School of Library and Information Science and the School of Social Work to UM-St. Louis.

In May, Dr. Gerald Brouder, provost and interim chancellor, asked the MU Planning Council and the Academic Planning Committee to examine issues ranging from program mergers to improving scholarship funding. The groups are composed of faculty, staff, administrators and students.

"We must focus our resources on our priorities if we are to shape our University's future rather than have it shaped by others," Brouder says.

He has asked the Academic Planning Committee to examine course and program duplication across Campus, along with possible mergers; the development of five-year programs in professional schools such as journalism and engineering; greater financial support from University Hospital and Clinics for the School of Medicine and other health science units; and transferring one or more schools to another UM System campus where they have the potential for higher visibility, better practicum opportu-



Study on the wild side

Brian Edmond, a senior from Curryville, Mo., says he is honored to be the first scholarship recipient of the Charles W. Schwartz and Elizabeth R. Schwartz Scholarship.

"Charles Schwartz was a premier wildlife artist," Edmond says. "To get this award was very special."

What impressed Edmond about Charles Schwartz's art work are the intricate details, he says. Edmond also is familiar with the research of Charles, AB '38, MA '40, and his wife, Elizabeth, PhD '38. The couple worked together to produce the book, *The Wild Mammals of Missouri*, the all-time best seller for the University of Missouri Press that is still in print 35 years after its original publication. They also produced several award-winning wildlife films, including the 1952 feature-length "Bobwhite Through the Year," which won the grand medal at the International Sports Film Festival. Together they received honorary doctorate of science degrees from MU in 1975.

After Charles' death last year, Elizabeth established the scholarship fund, which will help students like Edmond, who is studying fish and wildlife management in the School of Natural Resources, complete his studies of amphibians and reptiles. He plans to do research in ecology and evolution and teach in the Midwest after attending graduate school.

Contributors to this and other scholarships have helped push Campaign MU to within 7 percent of its \$150 million goal as of June 30. So far MU has raised \$138.96 million in this largest fund-raising drive in the history of the University.

Alumni and friends rallied around MU in 1991-92 and gave \$24.7 million — setting a record in private support given to the University in a single year. This was a 25 percent increase over last year. The schools of Medicine and Journalism along with the College of Business and Public Administration also reported record support.

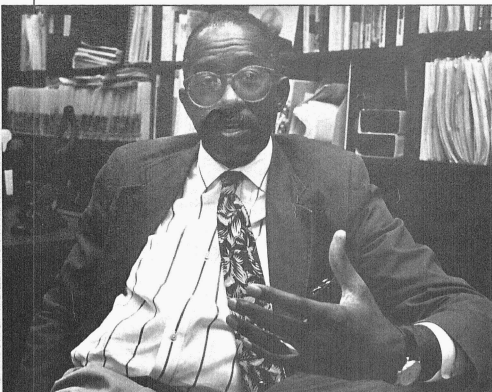
If you would like to join these alumni and friends of the University who support MU and its students through tax-

deductible contributions, write to your school or college or to the Office of Development, 306 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo. 65211, or call (314) 882-6511.

Brian Edmond, who received the first Charles W. Schwartz and Elizabeth R. Schwartz Scholarship, admires Charles' artwork, some of which hangs in Lefevre Hall.



Leads the way



KC Morrison monitored democratic elections in Ethiopia this summer.

News from freedom's front

In the classroom, Dr. KC Morrison talks with students about the dynamics of African politics. He watched the process unfold this summer in Ethiopia, when the troubled nation on the horn of Africa held its first democratic elections.

Morrison, vice provost for minority affairs and faculty development and an expert on African politics, spent two weeks in Ethiopia as one of more than 200 international observers monitoring local and regional elections.

"I was very impressed with the enthusiasm I saw in the people who were talking about and participating in the election," he said. "The people are sick of war, they believe they are on the threshold of a new day."

While some of the international observers saw free and open elections, Morrison says that others documented election irregularities. "Some of the charges going back and forth were quite serious ones, buttressed by the fact that there are lots of guns in Ethiopia, held by lots of different warring groups." Observers were withdrawn from portions of southern Ethiopia because of security concerns.

Morrison divided his time between the capital of Addis Ababa and northern Ethiopia, a stronghold of the provisional government. In the north he saw all the vestiges of the brutal, 17-year civil war in the bombed-out bridges and the faces of the people. "The north had literally been devastated by warfare and famine. One saw evidence of a real war in which there were real casualties," he says.

The elections were an effort by Ethiopia's transitional government to pave the way for a constitution and to hold national elections in 1993. "It is a country with a rich history and a glowing pride in its ability to survive and thrive," Morrison says. "One sees a good deal of hope." — *John Beahler*

unities and increased support. He particularly mentioned social work and library and informational science.

The MU Planning Council is charged with examining the possible creation of a private foundation to raise funds; seeking new ways to provide scholarships and financial aid; improving computing and technology on Campus; and finding new ways to save money and improve efficiency in non-academic units.

The groups were to report back with recommendations by Sept. 1. Brouder foresees open meetings on the topics this fall, and hopes to deliver a report to the Board of Curators in October. "If fiscal savings accrue, that's great," he says. "But we're not shooting for a dollar figure. We just want to do what's right."

Economics department back on its feet

The economics department has a permanent chairman and is running smoothly again, says Dr. Larry Clark, MA '61, dean of arts and science.

Dr. Russell Zguta, professor of history, was appointed chairman for a three-year term after economics faculty unanimously recommended him for the position. "With that kind of mandate, I feel confident I can do a good job," Zguta says.

The dean's office took over administration of the department last year, naming Zguta as "conservator," after several resignations and personnel problems. A task force subsequently recommended that the department continue to offer bachelor's, master's and doctoral degrees.

Zguta, who has taught at MU since 1967, is a former chairman of the history department. He says economics faculty will have a day-long retreat Oct. 10, discussing subjects ranging from curriculum changes to graduate education. A newsletter for alumni is being published as well. "The department has been drifting for awhile," Zguta says, "but things are coming together again."

The department has 17 full-time faculty members. A total of 80 students graduated with economics degrees this year.

Enrollment expected to drop

Preliminary figures indicate fall enrollment could be down by about 900 students from last year, says Gary Smith, M Ed '65, EdD '71, director of admissions and registrar.

Smith predicts a total enrollment of about 23,800 students. He expects an approximate 10 percent decline in the number of new freshmen, from 3,400 to about 3,100. "There is no single reason for the decrease," he says. "Fewer high school graduates, the

economy, higher admission standards and a double-digit fee increase are all factors."

At the same time, Smith foresees a small rise in graduate enrollment, and a possible 4 percent increase in doctoral students.

He is particularly proud of one aspect. "The academic credentials of the new freshmen appear to be a little higher than last year's class," he says, adding that MU's 1991 freshmen led the Big Eight in ACT mean composite scores.

Faculty members publish 73 books

MU faculty members published 73 books in the past year — a noteworthy accomplishment by any measure, says Dr. Gerald Brouder, provost and interim chancellor.

"This is impressive evidence of productivity, particularly in the face of limited resources," Brouder says. The subjects of the books range from therapeutic recreation and corporate finance to Franklin Delano Roosevelt and Samuel Johnson.

"Our faculty members are making significant contributions to MU's learning and research missions," Brouder says. "This is a solid testimonial to their value to Missouri and to higher education."

Monsanto scientist directs Dalton Center

Making MU's Dalton Research Center a world leader in cardiovascular research is the goal of its new director, Edward Blaine, AB '63, MA '67, PhD '70. The center, where scientists from many schools and colleges work together, focuses more than 90 percent of its research on cardiovascular-related studies. Currently researchers are looking into how the hormone aldosterone affects heart collagen levels, and how these relate to heart failure.

Blaine, a former MU football All-American, was senior director of Searle Research and Development at Monsanto Co. in St. Louis before coming to the center July 1.

Three leaders honored at 105th commencement

At spring commencement May 17, three received honorary degrees.

Donald A. Henderson, associate director of life sciences for the President's Office of Science and Technology Policy and a leader in the effort to stop smallpox, received the honorary degree of doctor of science. Kenneth L. Lay, AB '64, MA '65,

chairman and chief executive officer of the diversified energy company Enron Corp. received the honorary degree of doctor of laws. Peter Raven, director of the Missouri Botanical Gardens and a former member of the University of Missouri Board of Curators received the honorary degree of doctor of science.

Museum acquires Picassos

The Museum of Art and Archaeology purchased two etchings by Pablo Picasso. This artwork was purchased through a gift from the student fee capital improvements committee, which has enriched the museum's collections for the past 15 years.

With the acquisition of these two etchings, both the early and late phases of Picasso's graphic work are represented. An untitled piece, dates from 1971 and shows a nude female figure seated in the center of the composition, while a clothed male figure gazes at her from the left. An etching, *Sculpteurs, modes et sculpture*, was done in 1933 during Picasso's classical period and shows an artist and model, a subject Picasso first examined in a 1914 painting.

The latter etching is on view from 9 a.m. to 5 p.m. Tuesday to Friday and noon to 5 p.m. Saturday and Sunday.

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Mentor Aaron Gerdel works with student Sam Chan at Ellis Library. Chan, a refugee from Cambodia, attends West Junior High School. "Ours is a perfect match," Gerdel says. "Sam gets the help he needs with writing and speaking a new language, and I gain valuable experience as a teacher."

Worthy of honors

Tutoring a junior high school student for two semesters reinforced Aaron Gerdel's desire to become an educator. The sophomore English education major from Union, Mo., is one of 50 students at Mizzou who, through the Honors College Community Involvement Program, serve as mentors to ninth-graders in three junior high schools in Columbia.

"Working one-on-one with someone and positively influencing that person's entire life is exciting," he says.

The program began last fall. By the end of the winter semester, more than 125 people had participated, including junior high and college students, parents and administrators, says Dr. Anne-Marie Foley, AB '82, MA '86, PhD '92, assistant director of the Honors College and director of the program.

Students in the local schools were recommended by their counselors. "The mentors help them improve their skills in sciences and mathematics, set long-term career goals and introduce them to college life," Foley says.

Some of the students, she says, come from unstable or single-parent homes; from low socioeconomic backgrounds; or from homes where English is a second language or where the student is a parent.

Foley describes the students as high risk but cautions against labeling them disadvantaged. "Many of them come from stable homes with supportive parents."

Ninth-graders are at a crucial point in their lives, she says. "This is the time they need to start making some important decisions about their future and to work on their grades. We try to show the students that this University belongs to them."

Mentors bring their students to Campus once a month for tours, studying at Ellis Library, career and financial counseling or visiting the various schools and colleges.

A survey of the program revealed that on the average, students went from low grades to being on the honor roll. Also, social skills and attitudes about studying improved.

The program partially evolved from discussions between Foley and a non-traditional student at MU, who pointed out how difficult it is for some people to adjust to college because of culture, economics or experience. Foley set up the program as a three-hour credit course through the Honors College. Within a couple of years, she says, community service will be required as part of the honors degree, and this program is a step in that direction. — Sue Richardson

Hearnes Center ★ BIG ★ EVENTS

FALL 1992 ★

SEPTEMBER

5-7

Lions Antique Show



OCTOBER

2

Wonderful World of Horses Featuring
The Lippizan Stallions

15-17

Friends of the Library Book Sale

25

College Fair

31

Mike Warnke in Concert



NOVEMBER

1

Hearnes Center Fall Craft Show

3-4

Sesame Street Live

7

Missouri Cheerleading Coaches Association
State Cheerleading Championships

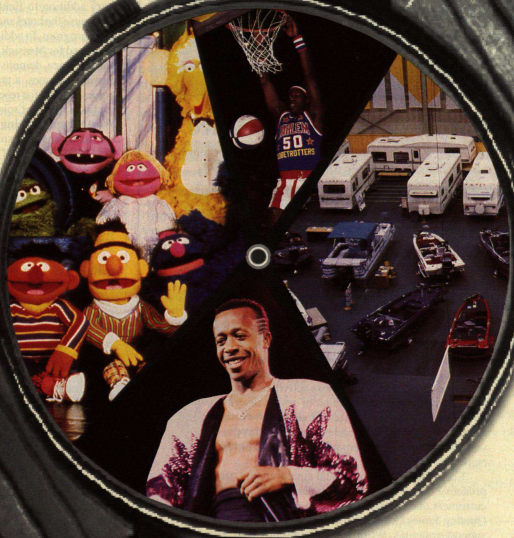
DECEMBER

6

Marching Mizzou Band Xtravaganza

HEARNES
CENTER
20
1972-1992

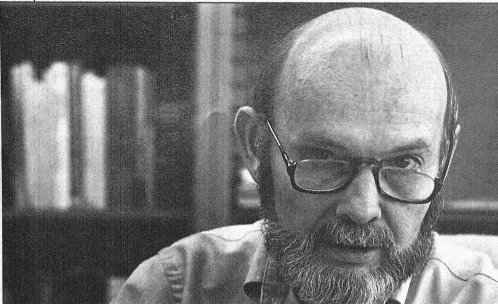
BIG Times



University of Missouri - Columbia

Hearnes Center

For more information write or call
Tim Hickman, 260 Hearnes Center
Columbia, Mo. 65211
(314) 882-2056



Dr. Albert R. Wildt says American businesses are looking at responsible social policy from a profitability viewpoint.

Corporate social conscience

Dr. Albert R. Wildt, hopes that the acronym CSP becomes as well known in corporate America as EPA and FDA.

"Corporate social policy, or CSP, is increasingly recognized as an issue of vital concern to business," says Wildt, MU's Bailey K. Howard World Book Professor of Marketing, adding that he hopes it also becomes part of the undergraduate education of business majors.

"Traditionally business has taken an altruistic view of its social responsibilities, but now they also look at it from the profitability viewpoint," Wildt adds.

He says that corporate business policy and social policy can be integrated in what he calls "a double bottom line," making a corporation more able to compete in a global economy.

CSP includes such non-economic internal matters as enforcing ethical codes, developing conflict resolution guidelines, encouraging wellness activities and implementing affirmative action or sexual discrimination guidelines, Wildt says. External matters, however, are just as important. Community relations, philanthropy, volunteerism or government relations should not be neglected either.

"Corporations and individual entrepreneurs need to be proactive rather than reactive in their relations with their customers, their workers and their community," Wildt says. Quoting James G. Parkel, IBM director of corporate support programs, Wildt says corporations with a top-level corporate social policy "have a carefully thought out social policy and a long-term strategy for implementing it."

Corporate social policy has been in the spotlight recently, Wildt says, because of widely publicized recall cases to protect the public's welfare.

Companies such as Ben and Jerry's, The Body Shop, Esprit, Reebok and Timberland have formed a trade association, Business for Social Responsibility. It advocates that long-term profitability must incorporate environmental responsibility and social equity, Wildt says. — *Ernie Gutiérrez*

A new library is being funded by the Harry F. Messick Charitable Trust of St. Joseph, Mo., as part of the new Meat Science Center. The late Harry F. Messick, BS '21, was a livestock farmer from Bolckow, Mo.

"The meat science program at MU is an integral part of the livestock and meat industry in Missouri and is recognized as one of the top 10 in the country," says the program's chairman, William Stringer, PhD '63.

The grant is the first major gift in a campaign to raise \$3.5 million for the two-story addition to Eckles Hall, which also will house the hotel and restaurant management program. In addition to the library, to be named for Messick, the center will have meat science demonstration room with a tiered classroom, a teaching laboratory, a processing lab for research and individualized labs for meat scientists.

Waste from burning coal can help farmers, according to a study by graduate student Zhang Yulun and Dr. Robert Blanchard, professor of soil science. They have found that adding flyash waste from a power station in Thomas Hill, Mo., improves the water holding capacity of local topsoil. It also raised its pH and provided additional amounts of some trace elements.

"The United States produces about 100 million tons of waste flyash every year," Zhang says. "Mixing it in the top soil will improve mechanical properties and provide plants with extra calcium, sulphur, boron, molybdenum and manganese, as well as saving the cost of disposing of it by burial."

Test plants grown on the mixture included alfalfa, birdfoot trefoil, orchardgrass and tall fescue. In glasshouse trials all except orchardgrass grew better.

ARTS & SCIENCE

The world's natural gas resources may be significantly larger than scientists had previously thought, according to Dr. Dave Houseknecht, professor of geological sciences. Previously geologists believed natural gas could not be found in rocks six to seven miles below the earth's surface where they are heated to a temperature greater than 200 degrees Celsius. However, research conducted by Houseknecht in the Arkoma Basin, which runs through Arkansas and Oklahoma, shows that the threshold where gas is destroyed the closer it gets to the earth's hot core, is not as high as once thought. "This basin alone has the potential to produce trillions of cubic feet of natural gas more than we thought, and there are many more areas of equal size in North America with similar geological conditions

that haven't been tested."

History plays an important role in why Japanese Americans have strong community ties, according to an award winning book by Drs. David J. O'Brien, MU professor of rural sociology and Stephen S. Fugita of Santa Clara University. *Japanese American Ethnicity: The Persistence of Community*, which won the 1992 social sciences National Book Award from the Association of Asian-American Studies, uses historical sources and contemporary survey data to explain why Japanese Americans have maintained high levels of ethnic community involvement while becoming assimilated into mainstream American life.

The authors found that the process of cultural assimilation is affected by the internal social organization of the ethnic group before immigration. Because of Japan's long history as a nation-state, social assimilation of Japanese Americans differs from that of Europeans, whose society is based more on family and village ties.

BUSINESS & PUBLIC ADMINISTRATION

A new job may be just a phone call away thanks to the B&PA Career Services Alumni Job Line. The new service, which is available from 5 p.m. to 8 a.m., has recorded listings of jobs that are updated every Fri-

day. Callers may leave a message if they need additional information on any of the listings, and the placement staff will return the call the next business day.

More than \$300,000 has been contributed or pledged to establish the Raymond W. Lansford Distinguished Professorship of Leadership. A professor emeritus who retired in 1984, Lansford taught at the college for nearly 30 years. On April 16 more than 100 friends, colleagues and former students attended a ceremony and reception in his honor to announce the professorship.

EDUCATION

Sharing teaching success stories is the goal of a new nationwide electronic bulletin board created by Dr. John Wedman, associate professor of curriculum and instruction. Wedman got the idea after being bombarded with media accounts of failures in U.S. schools. "I know there are an equal number of successes," he says. For instance, students and teachers at a small, rural district built their own greenhouse and sold flowers to finance a plant biology program. To submit success stories, call (314) 882-3828 or write Wedman at 327 Townsend Hall, Columbia, Mo. 65211.

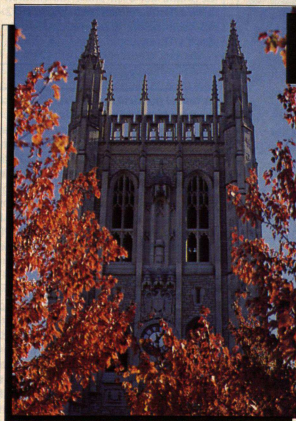
A cadre of master teachers from Columbia Public Schools will team up with

Mizzou's special education department to provide direct classroom experience for future special education teachers. It's part of an overhaul of the special education curriculum at MU. The curriculum change, which begins this fall, calls for students to complete 360 hours of field experience before they begin student teaching. One benefit will be to cut the number of special education teachers who leave the field after a few years, says Dr. Sharon Huntze, chairwoman and assistant professor. The curriculum revision is funded in part with \$160,000 in grants from the U.S. Department of Education and from Funds for Improvement of Post Secondary Education. The grants also provide tuition and stipends to recruit minority and non-traditional students to special education.

ENGINEERING

Henry Liu, James C. Dowell endowed professor and director of MU's Capsule Pipeline Research Center, has been invited to write an article on freight pipelines for the 1993 Encyclopedia Britannica. Liu's article will mark the first time that this mode of transport is featured in the encyclopedia.

MU's student chapter of the American Society of Civil Engineers is building wheel-



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F2

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or send a fax to: [314] 882-5145.

When home is where the hurt is

Teresa Stewart and a group of MU law students know about the pain and injuries and the white-knuckle tension that are a part of domestic violence.

Last spring, Stewart, AB '87, MA '89, JD '92, helped organize a program in which third-year MU law students help battered women use the legal system to fight their abusers. Students represent

the women in legal proceedings and advise them on questions of child custody and property rights.

The Shelter, a safe house in Columbia for battered women, refers clients to the legal clinic. Pat Glasier, shelter director, notes that a flood of domestic violence cases has swamped the ability of local legal aid offices to provide services. "This program encourages women to use the legal system to its fullest," Glasier says. "It's a frightening time for these women, and dealing with the court system is frightening. The students act as interpreters and guides to the system. They'll save some lives, hopefully."

Colleen Coble, BJ '81 and executive director of the Missouri Coalition Against Domestic Violence, is a consultant to the program who helps train the students in the

special needs that battered women have. "These students take it seriously and they do their homework," Coble says. "They are incredibly effective."

And while the clinic provides help for women who desperately need legal advice, the law students benefit as well. Not only does it give them direct courtroom experience, it also provides a glimpse of how intimidating the court system can be. "You can go all through law school not understanding how the law impacts on people," Stewart says. "Working on your own studying cases is extremely different than working with a live client in a crisis." — *John Beahler*



Teresa Stewart, a recent MU law graduate, helped organize a legal clinic for battered women.

chair ramps for local individuals. The first ramp, completed in May, made a more accessible home for Ray Whipple of Hallsville, Mo. Before the ramp of treated lumber and concrete was constructed, Whipple needed the help of two or more people to enter or leave his house. Donations for the ramp came from the ASCE Student Chapter and Services for Independent Living, a United Way affiliate. Columbia Ready Mix donated the concrete. Graduate student John Holmes, BS CE '91, coordinated the work.

FINE ARTS

"The Mad Tragedian" was the nickname theatergoers gave to Junius Booth, one of the 19th century's best actors and the father of Abraham Lincoln's assassin, John Wilkes Booth. Dr. Stephen Archer, professor of theater, spent nearly nine years tracking the actor's travels to write the first scholarly biography in more than a hundred years of Booth and his brilliant and eccentric career. During his research for *Junius Brutus Booth: Theatrical Prometheus*, Archer traveled to theater archives in London and New York to uncover Booth's correspondence, contracts, playbills and reviews. Archer documents the life of the renowned actor, who was noted for his drunkenness and insanity, but still had such a respect for all life forms that he would not even allow his children to swat a fly. The elder Booth died in 1852 — 13 years before his son shot Lincoln in Ford's Theater.

HEALTH RELATED PROFESSIONS

A model political activist, that's how colleagues describe Diana Baldwin, instructor and director of the occupational therapy program. Over the years Baldwin has worked on federal and state issues affecting licensure and regulation of the profession. In March she received national recognition for her contributions when she was presented with the Lindy Boggs Award for Service at the annual conference of the Occupational Therapy Association in Houston.

HUMAN ENVIRONMENTAL SCIENCES

Kids are the losers when they don't get a nourishing breakfast. "These are little kids," says Dr. Gretchen Hill, associate professor of human nutrition and foods. "They may not be starving, but they won't have the stuff — especially micronutrients — that will give them a good quality of life when they get older." MU nutrition researchers have found that 5 percent of the children of low-income mothers aren't getting any breakfast at all. "That's a disgrace the kids

and society will pay dearly for," Hill says.

She analyzed data from a nationwide study of low-income women, ages 19 to 50, and their children, ages 1 through 5. Her other studies show that children need at least milk and cereal for breakfast to give them necessary nutrients.

JOURNALISM

Two major events will take place this fall. Groundbreaking for Lee Hills Hall is scheduled Oct. 23. The \$5 million structure, which will be built along the north side of Elm Street between Seventh and Eighth streets, will house the magazine, photojournalism and news-editorial sequences of the school, along with classrooms and the *Columbia Missourian*.

In addition, plans are being made for the 1992 Missouri Honors Medal Banquet, scheduled at 6:30 p.m. Nov. 13 at the Donald W. Reynolds Alumni and Visitor Center. Tickets are \$20. For more information about either event, call (314) 882-1908.

Eleven faculty members spent the summer delivering workshops in Eastern and Central Europe. Lena Sadiwskyj and Charles Warner discussed television broadcasting in Warsaw, while Tim Gallimore, Dr. Ed Lambeth and Sandy Scott, AB '68, MA '73, JD '82, delivered presentations on media, ethics, law and society in Prague and Bratislava. Patti Hoddnott and Byron Scott provided a seminar on small publications in Krakow, and Jan Colbert, BS HE '74, MS '81, Daryl Moen and Dr. Birgit Wassmuth discussed editorial and advertising design in Budapest. Bill Kuykendall coordinated a photojournalism workshop in Bulgaria.

"Our expertise, our interest in these areas and our resources allow us to do this type of work as no other university can," says Dr. Dean Mills, dean. "We really are the global center for journalism."

LAW

The rare books room in the law library has been named after Professor Emeritus William F. Fratcher, who died June 24 at age 79. He was on the law faculty for more than four decades. (See Faculty Deaths on Page 65.) The room contains more than 6,000 volumes, which go back to the 17th century and include the Lawson Collection of Trials. Susan Csaky, professor of law and director of the law library, says Fratcher's personal book collection will be stored at the library for possible display later.

An endowment also has been set up in Fratcher's name. For more information, write to James Salmo, director of development, 323 Hulston Hall, Columbia, Mo., 65211, or call (314) 882-3052.

LIBRARY & INFORMATIONAL SCIENCE

A total of \$183,600 has been awarded to the college from the Department of Education's Library Career Training Program to support 17 graduate fellowships available in the following areas of librarianship: technical services and cataloging; multimedia resource management; school media, children's and young adult services; and health sciences. The fellowships pay all graduate fees and a stipend of \$5,400 for each fellow. Some fellowships will include a practicum in selected libraries.

MEDICINE

Montezuma's revenge, or traveler's diarrhea, is no joke. It can be a discomfort for Americans on overseas sojourns, but in Third World countries acute diarrhea kills more than 4 million people a year, many of them children. Dr. Leonard Forte, professor of pharmacology, is part of a research team that discovered that the diarrhea-causing bacteria *E. coli* mimic the actions of a natural hormone produced in the body. The hormone is called "guanylin," and it regulates the amount of fluid secreted into the intestine.

Forte and Dr. Mark Currie, a Monsanto Co. scientist, found that the *E. coli* bacteria produce a toxin that resembles the guanylin hormone and can trigger excess secretions of fluids to the intestines. For humans, that can result in the life-threatening symptoms of diarrhea; for the bacteria, Forte theorizes that it means more matter on which to feed. The goal is to develop a drug that slows down these fluid secretions by blocking the toxin from connecting with receptors in the intestinal cells.

Cataract prevention someday may be as easy as taking a pill. Research by Dr. Beryl Ortwerth, professor of ophthalmology, points to the byproducts of vitamin C as a major culprit in the formation of cataracts — the cloudy discoloration of the eye lens that can cause blindness.

Lens tissues contain naturally high levels of vitamin C. "We think it's there to reduce harmful oxidizing molecules that develop as ultraviolet light passes through the lens," Ortwerth says. He believes that as the eye ages, it begins to have trouble processing the byproducts of vitamin C. Eventually the eye can develop a cloudy lens. Ortwerth's research may lead to a drug that would restore the eye's ability to break down vitamin C byproducts and keep cataracts from forming.

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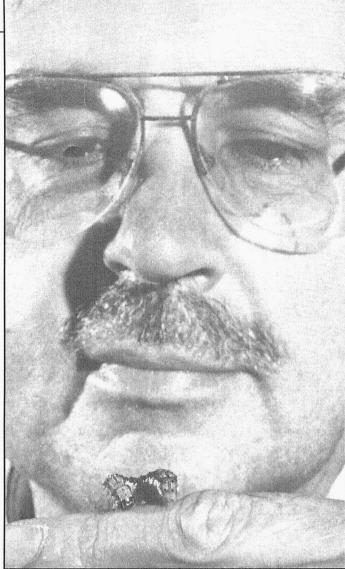
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Dr. Michael Chippendale says plants that contain their own insecticide would increase agricultural productivity and help the environment.

Bug off



If Dr. Michael Chippendale has his way, crops such as corn and soybeans will one day contain an ingredient that repels any insect or pest trying to feed off them.

Chippendale, professor of entomology, researches the effect of toxic plant material on the diet of the corn earworm, a major nemesis of U.S. farmers. "The goal is to find a protein extract that resists insects, identify the gene, clone the gene and engineer it into other plants," Chippendale says. "Ultimately, we hope to have a plant that repels insects and produces seed that contains the resistant gene."

One American company already has engineered a toxic protein into cotton plants. "Our research is different because we're working with plants used for food," Chippendale says. "You have to make sure that the resistant gene is not toxic to humans."

His work is part of a collaboration with the University of Oklahoma, the University of Costa Rica and the U.S. Department of Agriculture. Costa Rican plants are being used in the study because of their ability to withstand heavy insect populations over time.

"Insects have survived for 250 million years, co-evolving with plants, so you aren't going to knock them out overnight," Chippendale says. "But this would be a weapon in the arsenal." — *Terry Jordan*

NATURAL RESOURCES

Padding miles each day through a reed-filled marsh, Bruce Dugger, MS '90, spent the past two summers in the former Soviet republic of Latvia, studying the breeding ecology of two species of migratory ducks. Dugger was researching a phenomenon called nest parasitism, in which some females lay their eggs in the nests of other females. Dugger studied the impact on host females who have extra eggs added to their nests. During the two summers he lived on a floating research station while working with scientists from Latvia's Laboratory of Ornithology.

NURSING

Without substantial changes, Missouri's health care future could be disastrous, according to Dean Toni Sullivan, director of Missouri Nursing 2000. This two-year project forecasted possible health care scenarios.

The most noteworthy trends could be the continued shortage of nurses well into the 21st Century, spiraling numbers of underinsured Missourians and a rising demand for services by the growing elderly population.

SOCIAL WORK

The business community in Kansas City is helping local social service agencies come up with solutions for the problems of providing services for foster children. In a formal mentoring program developed by the school, executives from companies such as Western Auto, IBM and Marion Merrill Dow worked with social service managers to fine-tune programs for the 10,000 kids served each year in Kansas City by the state Division of Family Services. The pilot program has been so successful that it will be repeated in the Columbia family services regional office.

VETERINARY MEDICINE

Class reunions are just some of the fun scheduled for the college's 13th annual Alumni Day Nov. 14. Besides reunions for the classes of '52, '57, '62, '67, '72, '77, '82 and '87, alumni can attend the Kansas State football game and take a tour of Clydesdale Hall, the new veterinary teaching hospital that is scheduled to be completed this fall.

Following Alumni Day is the college's annual conference Nov. 15 and 16. The program includes laboratory sessions, demonstrations and lectures. For more information, write to Veterinary Medicine Dean's Office, W203 Veterinary Medicine Building, Columbia, Mo. 65211.

Look inside

See what
the new
University Club
has to
offer you.

The University Club, a private social club located in the Donald W. Reynolds Alumni and Visitor Center, was created for you. Membership is available for members of the MU Alumni Association, and MU's current and retired faculty and staff.

Dine in the University Club dining room. Relax with your friends in the lounge. Participate in pre- and post-game buffets. Receive the University Club Newsletter. Enjoy reciprocal membership in over 100 faculty clubs nationwide.

To learn more about how you can join the University Club, please write or call:

Katie Fennewald
123 Donald W. Reynolds Alumni
and Visitor Center
Columbia, MO 65211
(314) 882-ALUM (2586)

Dining Room Operation:

Continental Breakfast:
Monday-Friday, 7 to 9 a.m.

Lunch:
Monday-Friday, 11 a.m. to 1:30 p.m.

Dinner:
Limited hours initially.



Join us for lunch



M alumni, students, families and friends are meeting at the new Donald W. Reynolds Alumni and Visitor Center for a delicious buffet to kick off home games.

You are invited to share the Tiger spirit. Come savor the flavors of the University Club. Enjoy the convenience of parking near the center (2,000 spaces), and having lunch ready for you.

\$12.95 per person includes beverages, dessert, tax and gratuities; \$5 for children under 12. Cash Bar: 10 a.m. to kickoff (kickoff subject to change) Buffet: 11 a.m. to 12:30 p.m.

For your lunch reservations call (314) 882-ALUM (2586) or complete the form and mail to: Football Lunches, 123 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo. 65211.

Lunch tickets will be held for pickup at the Alumni and Visitor Center, 704 Conley Ave. on game day.

Co-chairs Rachel Rubin and Steve Blair are ready for Homecoming '92 in this year's official T-shirts.



Twist and shout

Homecoming is for alumni, says Steve Blair, one of the student co-chairmen of Homecoming '92: A Twist in Your Direction. He, along with Rachael Rubin, Kim Gates and Jason Swindle, is planning events that promise to bring together alumni, students and people from the Columbia community throughout Homecoming Week.

To kick it off, people of all ages are invited to the opening event, a giant Twister game at noon Oct. 10 on faunt Field. "Everyone will be on the same team," Blair says, "as we try to break the record of the world's largest Twister game." To help beat the record of 4,710 people, the Homecoming committee has invited local elementary school children to join alumni and students in the fun.

An additional record to break is MU's own blood drive. The committee is asking alumni to stop by Campus Oct. 11 through 15 to help push its annual American Red Cross blood drive past its previous record of 3,995 pints set in 1990.

A new twist also will take place on Crowder Field where students are teaming up with Habitat for Humanity to build a house, which will later be moved to a permanent location off Campus. Tours of the construction and the nearby house decs will start at 7 p.m. Oct. 23.

After watching Mort Walker of "Beetle Bailey" fame lead the parade and cheering the Tigers during the game against Nebraska Oct. 24, alumni may want to do their own version of the twist at the Alumni Ball at the Donald W. Reynolds Alumni and Visitor Center. "This will be an opportunity for alumni to have fun and give them a reason to stay on Campus and enjoy the new center," Blair says.

Ready to hear concerns of alumni, the MU Alumni Association's new executive director, Jim Irvin, BS Ag '60, PhD '70, looks forward to finding out what members

1992 football lunches

Sept. 19	Texas A & M Hall of Fame/Ag Day	___ adults	___ children
Oct. 3	Marshall Band Day/Family Weekend	___ adults	___ children
Oct. 8	Colorado Thursday night game (Buffet two hours prior to game)	___ adults	___ children
Oct. 24	Nebraska Homecoming	___ adults	___ children
Nov. 14	Kansas State	___ adults	___ children
Nov. 21	Kansas	___ adults	___ children

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think. "As I begin this exciting new role, I wish to step back a bit from the picture I have come to know so well to get a fuller and, perhaps, fresher perspective," he says. "Mizzou alumni have never felt inhibited in voicing their opinions, so go ahead, take aim. I'll listen. We can prioritize better when we know our members' priorities." Alumni can reach Irvin and his staff by calling (314) 882-6611, or by writing to 123 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo. 65211. The fax number is [314] 882-5145.

Wine tasting, dinner theater, concert-series special buffets and football brunches are just a few of the events scheduled at the University Club, which will celebrate its grand opening Sept. 16. Club members will be able to enjoy a continental breakfast from 7 to 9 a.m. and lunch from 11 a.m. to 1:30 p.m. Monday through Friday. Reservations will be required for dinner from 5:30 to 9 p.m. Monday through Saturday.

The lounge, which is now open from 4 to 9 p.m., offers complimentary appetizers during Tiger Time from 4 to 6:30 p.m. Monday to Saturday. All charges will be billed monthly to club members' accounts.

To be eligible to join the University Club, you must be a dues-paying member of the MU Alumni Association or a current or retired member of the MU faculty or staff. Club members also have privileges at more than 100 faculty clubs around the country. Memberships are priced according to your geographic location. Association members may pick up a guest card that will allow them to preview the club's services. For information on how to join the club or to obtain a guest card, call Katie Fennewald at (314) 882-ALUM.

Lots of visitor parking west of the Reynolds Alumni Center awaits alumni and friends when they visit Campus. Visitors should enter the Turner Avenue Parking Garage from Conley Avenue and park in any numbered space.

The fee is 50 cents an hour. Pay boxes, which take coins and bills, are at each stair tower. Parking is free after 5 p.m. on weekdays and all day on weekends.

Old Savitars will be on sale at the Reynolds Alumni Center before football games. The Association not only wants to fund new homes for its extra copies, says Executive Director Jim Irvin, but it also hopes to fund a campaign to get the bankrupt yearbook publishing again. The 1991-92 issue marked the end of the 97-year-old publication.



The class of '42 held its 50-year reunion April 30 through May 2. Returning to Campus were, top photo, first row, from left, Elizabeth McCraw Drake, Warsaw, Mo.; Helen Prokes Webbnik, Bridgeton, Mo.; Mary Frances Gentry Holloway, Rockford, Ill.; Mary Lee Prunty Johnston, Columbia; Mary Jane McDonnell Mendenhall, Columbia; Frances Ridge Gay, Lee's Summit, Mo.; and Allen Mariatt, Wellton, Ariz. Second row: Maurice West Lamar, Webster Graves, Mo.; Paolo Coletta, Annapolis, Md.; Thomas Faucett, Rolla; John Thompson, Lee's Summit, Mo.; Helen Myers Rush, Kansas City; Marion Annenberg, Scottsdale, Ariz.; Roy L. Moskop, Dallas; Scott Cherry, Kerrville, Texas; and Betty Anne Quiett Wood, Houston. Third row: Howard F. Koch, Annapolis, Md.; Joseph F. Finley, Baltimore; Albert Schmudde, Peoria, Ill.; Cranston Doerrie, Herzata, Minn.; Willene Blackmore Dilsaver, Hanolulu; and Robert Holloway, Meridian, Miss. Fourth row: Ruth Herzstein Pines, Dallas; Charles Fisher, Satellite Beach, Fla.; Noel Wood, Houston; and William H. Myers, Kansas City. Fifth row: Larkin Langford, Fayette, Mo.; Joyce Montague Hoover, Oceanside, Calif.; Richard Bentley, Glasgow, Mo.; and John New, Lanham, Md. Sixth row: Joe Hoover, Oceanside, Calif.; Daniel Burris, Hannibal, Mo.; and Manford Tate, Silver Spring, Md.



First row, from left: Betty Hamilton Bay, Fort Collins, Colo.; Mary Crocker Hoffman, Columbia; Joanne Johnson Jones, Columbia; Jean Ream McClure, Columbia; Dorothy Volmer Schneebelen, Creve Coeur, Mo.; Ruth R. Ragsdale, Columbia; and Helen Hansen Wood, St. Joseph, Mo. Second row: Betty Ann Hulse Hunt, Harlingen, Texas; Mildred Kay Wolff, Wayne, N.J.; Ovid Bay, Fort Collins, Colo.; Mary Ann Dallas Schulerborn, Orangevale, Calif.; Ann Wherritt Turpin, Liberty, Mo.; Eleanor Young Langford, Fayette, Mo.; Flake McHoney, Kennett, Mo.; Wynard Aslin, Columbia; John Gross, Columbia; Russell Sheldon, Kansas City; and George Wood, St. Joseph, Mo. Third row: Louis Eilers, Gilliam, Mo.; Fletcher Sims Jr., Canyon, Texas; Kenneth Brown, Navinger, Mo.; Ray Milne, Prosser, Wash.; and Donald Warner, Ames, Iowa. Fourth row: Robert Stone, Spring Hill, Kan.; Melvin Miller, Hoehne, Colo.; John Gaunlett, Chester, Va.; Clark Leonard, Salem, Mo.; and Kyle Peterson, Sioux City, Iowa. Fifth row: Ray McClure, Columbia; Jack Pennington, Houston; Mary Baker Devenport, Turlock, Calif.; and D.D. Nothdurft, Columbia. Sixth row: Alfred Hoffman, Columbia; Harold Owens, Alexandria, Va.; Robert E. Hollway Jr., Rockford, Ill.; and Kenneth Backues, Columbia. Seventh row: Henry Hennessy, Lompoc, Calif., and Raymond Devenport, Turlock, Calif. Other Class of 1942 graduates attending the reunion include Nicholas Condouras, Malden, Mass.; Jean Corington Duncan, Tulsa, Okla.; William Gates, Columbia; Robert Hanger, Kansas City; Katherine King Head, Palmyra, Mo.; and William H. Woodson, Shawnee Mission, Kan.

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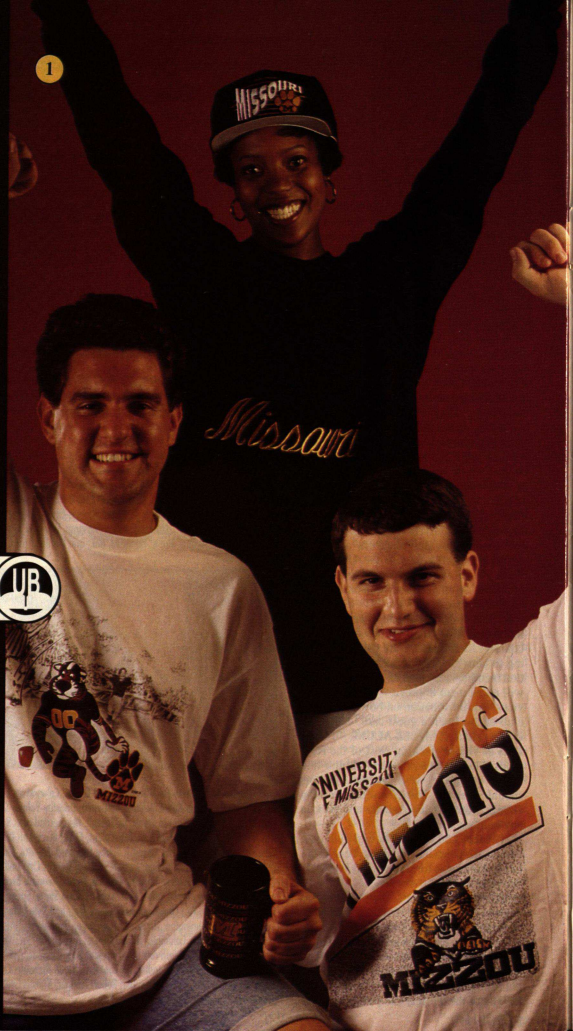


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Black and maroon imprint and embroidery.

Gold imprint. Reverse weave. By Champion. L,XL,XXL. \$39.98.

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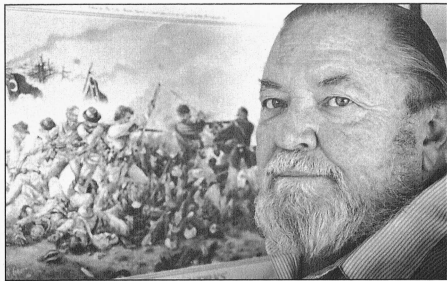
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Phil Gottschalk's book on the Missouri Brigade received the Douglas Southall Freeman history award from the Military Order of the Stars and Bars, which annually recognizes the best work in Southern or Confederate history. Many sports fans may know him as the columnist who has written "Fan in the Stands" for the *Columbia Daily Tribune* since 1972.

Earnest about history

During the Civil War, 8,000 Missourians joined forces to form one of the most dedicated fighting units in the Confederate army. More than 125 years after their last battle at Fort Blakely, Ala., April 9, 1865, **Phil Gottschalk**, AB '41, published a 562-page history of these men, *In Deadly Earnest, The History of the Missouri Brigade*. In spite of harsh living conditions and the deaths of hundreds of the volunteers, few deserted, says Gottschalk, a retired newspaper writer and editor. "Even Federal soldiers said the brigade was outstanding."

To write the first book in this century on the brigade, Gottschalk spent 20 years doing research in 10 states and the District of Columbia while working full time at the *Columbia Daily Tribune*. Primary sources included 142 eyewitness accounts by 52 Federal soldiers, 64 Confederates who were not Missourians and 35 members of the brigade, Gottschalk says. "Their remarks were often heartbreaking," he says pointing out a passage from Lt. George Warren's diary in 1864 where the soldier describes finding his dead friends lying in the field after the battle of Franklin in Tennessee.

"When you run across a diary entry like that, you realize what kind of people they were. I cried when I read that," Gottschalk says. "It was a terrible war. Us against us."

His ancestors include two Federal soldiers and one Confederate officer, and he's proud of all three. "All three were good Americans," he says.

Few Missouri Confederates owned slaves. They joined to protect their homes from the 1861 invasion of soldiers from Kansas, Illinois, Iowa and other pro-Union states, Gottschalk says. "They cared about something and fought so long and hard for it that the intensity of their emotion survives to this day."

"Every man has to do something that will amount to something," says Gottschalk, who is marketing the 562-page book from his home in Columbia. "I hope this book is my something." — *Joan M. McKee*

THE TWENTIES

Robert Russell Allbaugh, BJ '29, was honored June 6 at a retirement reception given by the *Laramie* (Wyo.) *Daily Boomerang*. He joined the paper in 1945 and has served as president and publisher since 1947.

THE FORTIES

Manford Tate, BS CIE '40, MS '42, of Silver Spring, Md., is listed in the 1992 editions of *Who's Who in Science and Engineering* and *Who's Who in the World*. He is president of Tate Partners, a private investment partnership.

Clarence Discus, AB '41, and **Edith George Discus**, AB '42, of Leawood, Kan., celebrated their 50th wedding anniversary June 20.

Margaret Sayers Peden, AB '48, MA '63, PhD '66, received one of two Gregory Kolovakos awards for translation from PEN, an international organization for writers. The award presented May 11 in New York, honors an American literary translator, editor or critic committed to Hispanic literature. Peden is a professor emeritus of Romance languages at MU.

Amy Patterson King, BS Ed '49, this spring received the Distinguished College or University Teaching of Mathematics Award from the Kentucky section of the Mathematical Association of America. King, who resides in Lexington, Ky., is a professor of mathematics, statistics and computer science at Eastern Kentucky University in Richmond.

THE FIFTIES

David Lipman, BJ '53, former managing editor of the *St. Louis Post-Dispatch*, is chairman of Pulitzer/2000, a newly formed, long-range news planning effort for all Pulitzer properties, including broadcast. Lipman joined the *Post-Dispatch* in 1960 as a sports writer and was managing editor since 1979.

Tom Schultz, BJ '56, will be inducted into the St. Louis Soccer Hall of Fame Sept. 18. A member of the 1952 U.S. Olympic Soccer Team, Schultz played international games against England and Germany, and participated on national championship teams with the KUTIS and SECO soccer clubs in St. Louis. He is director of MU's Tiger Scholarship Fund.

Karl Yehle, BJ '59, former senior vice

president of Corporate Communications Group, has formed Communications Advisors, a firm in Leawood, Kan., that specializes in analyzing and improving communications for companies and organizations. He is former president and founder of Smith and Yehle Inc. and Barrett/Yehle Inc. in Kansas City, Mo.

THE SIXTIES

Byron Calame, BJ '61, in May was promoted from senior editor to deputy managing editor of *The Wall Street Journal*. He joined the newspaper in 1965 as a staff reporter.

Jose Alcalá, AB '64, MA '66, is chairman of anatomy at Ponce School of Medicine in Ponce, Puerto Rico.

Lt. Col. James Drane, BS Ag '64, BSF '72, has received the U.S. Air Force Meritorious Service Medal for duties involving counterterrorism efforts while assigned to the Defense Intelligence Agency in Washington, D.C. He retired in 1991.

R.A. Rankin Jr., BJ '66, MA '68, in January was elected senior vice president of corporate relations for Marriott Corp. in Washington, D.C.

Bill Tammeus, BJ '67, who writes the "Starbeams" column for *The Kansas City Star*, received a first-place award from the National Society of Newspaper Columnists for columns that include more than one topic. The award was given in May at the society's annual convention. Tammeus joined the *Star* in 1970 and has written "Starbeams" since 1977. He is past chairman of *Missouri Alumnus'* communications committee.

Webster Joe Davault, BS Ag '69, is plant manager at Reed Plastic of Sandoz Co. in Dallas-Fort Worth, Texas.

Randy Forrester, AB '69, of Santa Fe, N.M., is operations director for the New Mexico Arts Division.

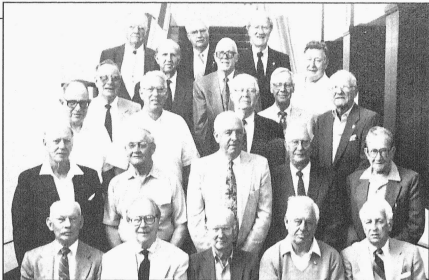
THE SEVENTIES

David Fortney, MA '70, is an instructor in journalism at Northeast Missouri State University in Kirksville, Mo.

Frederick Carpenter, BS Ag '71, of Sumner, Mo., is chairman of the board of the Bank of Rothville, Mo.

Lloyd Copenhaver, BS ME '71, MS '72, of Knox, Ind., is executive vice president and chief operating officer of Thermo Products Inc., in North Judson, Ind.

John Lowry, BS Ag '71, of Sarasota, Fla.,



ROTC reunion

Campus memories were revived at the ROTC reunion May 2. Attending the luncheon at the Donald W. Reynolds Alumni and Visitor Center were, first row from left, Larkin Langford, BS Ag '42, Fayette, Mo.; C. Clark Leonard, AB '42, Salem, Mo.; Scott Cherry, BJ '42, Kerrville, Texas; Ray Milne, BS Ag '42, Prosser, Wash.; and Richard T. Bentley Jr., AB '42, BJ '47, Glasgow, Mo. Second row: Joseph C. Hoover, BS EE '42, Oceanside, Calif.; Floke McHaney, AB '42, Kennett, Mo.; Newton C. Hamacher, Arts '42, Richmond, Mo.; Patrick Hartford, Carthage, Mo.; and Kenneth Backues, BS Ag '47, Columbia. Third row: Roy L. Maskop, BJ '42, Dallas; Kyle Peterson, BS Ag '42, Sioux City, Iowa; Elmer Kiehl, BS Ag '42, MA '50, Columbia; William Bates, BS BA '46, Columbia; and Russell Sheldon, AB '42, BS Med '47, Kansas City. Fourth row: William A. Gates, BS Ag '42, MS '60, Columbia; Donald E. Smith, Arts '42, Malibu, Calif.; Col. Ollie Tracy, BPA '42, Kansas City; and Jack Pennington, BS Ag '42, MA '47, Houston. Fifth row: Robert Stone, BS Ag '42, Spring Hill, Kan.; Harry L. Gentry, BS BA '46, Columbia; and Raymond Devenport, BS Ag '42, Turlock, Texas.

has been promoted to an environmental specialist with the Florida Department of Environmental Regulation in Tampa.

Tom Montgomery, BS Ed '71, M Ed '74, is manager of the Multimedia Development Center at Miami University in Oxford, Ohio.

Darryl Levings, BJ '72, MA '74, assistant managing editor for Mid-America and national news at *The Kansas City Star*, received the 1991-92 Kansas City Press Club Member of the Year Award. He is a member of the board and chairman of the group's scholarship committee.

Ed Gurney, BJ '73, of Collinsville, Ill., is assistant director of public relations at St.

Joseph Hospital in Kirkwood, Mo. He was news editor of the *Collinsville Herald*.

Cmdr. Joe Braeckel, AB '74, is assistant chief of staff for resources management at U.S. Atlantic Fleet in Norfolk, Va.

Gayle Hartmann Henley, BJ '74, is marketing and communications director for the Raleigh (N.C.) Little Theater.

Michael Murray, PhD '74, of Clayton, Mo., co-edited the book *Teaching Mass Communication* for Praeger Publishers. He received both a Goldsmith Research Award from the Joan Shorenstein Baron Center of the John F. Kennedy School of Government at Harvard University and the Steven Coltrin Award for Excellence in Commu-



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Dennis Bond uses his love of sports and management expertise to bring a major sporting event to St. Louis in 1994.



Olympic hopeful

As the president and executive director of the 1994 U.S. Olympic Festival, **Dennis Bond**, AB '66, BS Ed '68, M Ed '69, is making the St. Louis area the center of a major sporting extravaganza. The 37 events, which range from archery to yachting, should draw more than 4,000 participants, 500,000 spectators and have a more than \$30 million economic impact, Bond says.

A sports enthusiast, Bond owned a sports event marketing firm and was the interim general manager of the St. Louis Storm professional soccer team. Now he is relying on this experience and his 19 years of marketing and managing with the Marriott Hotels Corp. to coordinate the 7,000 to 10,000 volunteers he estimates will be needed to pull off this event July 1 through 10, 1994, when the best athletes in the United States compete against each other. Champions from such festivals as this one will be selected to compete in the international Olympics.

Bond's zeal for sports also has helped MU students. He was chairman of the 1992 Mizzou Run, the annual marathon of the MU Alumni Association's St. Louis chapter. The event raised more than \$3,500 for scholarships April 12.—*Joan M. McKee*

nication from the International Radio and Television Society and has been selected as the Philip Weld Fellow at Stanford University. Murray teaches at the University of Missouri-St. Louis.

Rick Shaikewitz, BS BA '74, received a doctor of chiropractic degree last August from Logan College of Chiropractic in Chesterfield, Mo., and has joined his brother's practice in Chandler, Ariz.

Martha Carpenter Smith, BS BA '74, is senior vice president of Boatmen's First National Bank of Kansas City, where she is manager of the agribusiness commercial lending department.

Delissa Ridgway, AB '75, practices international law and litigation at Shaw, Pittman, Pott and Trowbridge in Washington, D.C., and serves as a consultant to the United Nations Center for Transnational Corporations. She is an adjunct professor at American University's law school and president of the Women's Bar Association of D.C.

Tommy Morris Wealand, BJ '76, has been promoted from executive vice presi-

dent and chief operating officer to president and chief operating officer for Sandven/MBA Associates Inc., an advertising, marketing and public relations firm in Overland Park, Kan.

Raye Jean Dawson, BSBA '77, of Ballwin, Mo., is a member of the administrative staff at Drake, Beam, Morin Inc., a human resource management consulting firm.

Matthew Able, BS Ag '78, and **Barbara Bulteman Able**, BS '79, of Leawood, Kan., announce the birth of Sarah Jane Dec. 28.

Lt. Cmdr. Susan Finlay, BS Ed '78, completed an overseas Navy recruiting assignment in December in the Republic of the Philippines. She is an executive officer at Personnel Support Activity in New Orleans.

The Rev. Larry Williams, AB '78, pastor of Salem In Ballwin United Methodist Church, and wife Sally of Ballwin, Mo., announce the birth of Lawson Allen Jan. 20.

David Rutter, BS Ad '79 is vice president

of Grants Link Inc., a corporation in Columbia that specializes in writing and researching grants. Founded by his wife, Jane, a junior in communication at MU, the firm has published the resource directory Corporate Funders Operating in Missouri.

THE EIGHTIES

Gary Blackwell, MBA '80, and **Lori Perry Blackwell**, MA '88, of New Iberia, La., announce the birth of Brennan Chance Feb. 13.

Lisa Louise Capps, MS '80, and husband Jay Padesky of Buffalo Grove, Ill., announce the birth of Andrew Aug. 31, 1991, three days after she completed the final comprehensive examination for a doctorate in anthropology at the University of Kansas.

Donald Jackson, BS BA '80, of Mount Pleasant, Texas, is vice president of cash management operations for Bank One in San Antonio, Texas.

Susan Pannell McAllister, BS Ed '81, has joined Smith, Anderson, Blount, Dorsett, Mitchell and Jernigan in Raleigh, N.C., where she specializes in workouts and bankruptcy law. McAllister received a degree in law from the University of North Carolina-Chapel Hill.

Sandra Ray Moentmann, BSN '81, of Greensboro, Md., is employed with Delmarva Foundation for Medical Care as education manager and manager of DEMPAQ, a cooperative research project with Harvard School of Public Health and Johns Hopkins University. Her husband, **Paul Moentmann**, BS ME '86, is manager of injection molding for Black and Decker Inc. in Easton, Md. Their son, Daniel Christopher, was born Feb. 24.

Lindall Perry, BS Ag '81, DVM '85, and **Jane Ann Novinger Perry**, BS Ag '83, MBA '85, of Columbia announce the birth of Andrew May 8.

Susan Wagner Thornsberry, BJ '81, has received a fourth-place award from Evangelical Press Association for her personal-ity article, "Battle with Hemophilia Strengthens Family's Faith." Thornsberry of Centralia, Mo., is a correspondent for *Word and Way*, a weekly journal of the Missouri Baptist Convention.

Gregory Williams, BS BA '81, and wife Holly of Dallas announce the birth of Jordan Leigh Feb. 19.

Jeffrey Burden, BJ '82, and wife Kathleen of Alexandria, Va., announce the birth of Alexander Taylor May 16.

Jeff Fox, AB '82, managing editor of the *Mesabi Daily News* in Virginia, Minn., and **Linda Sumpter Fox**, AB '79, MA '80, children's librarian at Cloquet (Minn.) Public Library, announce the birth of Andrew Michael April 23.

Keith Hartenberger, BJ '82, and wife Lisa of Springfield, Ill., announce the birth of Conner John Jan. 23.

Steven Paul Rasche, BS Acc '82, and **Tamara Hillemeyer Rasche**, BS Acc '83, of St. Louis announce the birth of David Paul March 26.

Les Rosenfeld, BS PA '82, JD '85, and **Amy Sweeney Rosenfeld**, BS BA '84, MBA '86, of Prairie Village, Kan., announce the birth of Rachel Ahava May 7.

James Bret Davis, AB '83, and **Deborah Lockett Davis**, BS BA '83, of St. Peters, Mo., announce the birth of Stephanie Christine Jan. 2.

Debbie Westhues Hilt, BJ '83, and husband Michael of Omaha, Neb., announce the birth of Eric Michael March 29.

J. Bradley Jones, AB '83, is executive director of the Mining Industry Council of Missouri in Jefferson City.

Rosemary Koncak, BJ '83, has been promoted from the corporate communications division to the corporate marketing department at EDS Corp., an information technology services company in Dallas.

James McMullin, AB '83, and **Mina Carothers-McMullin**, BS Ed '86, of St. Louis announce the birth of Jackson Charles Dec. 21.

Ann Wamser Schlueter, BS BA '83, and husband Ed of Topeka, Kan., announce the birth of Joseph Edward Feb. 6.

Kevin Smith, BSF '83, and **Elizabeth Dampf Smith**, BS Acc '83, of Overland Park, Kan., announce the birth of Ryan William March 25.

David Stout, BS BA '83, MBA '86, JD '87, is an associate with Morrison and Hecker in Kansas City, and his wife, **W. Ann Hansbrough**, BJ '82, JD '85, is a partner of Swanson, Midgley, Gangwere, Clarke and Kitchin. Their daughter, Courtney Marie, was born Jan. 5.

Julie Brown Tockman, BS Ag '83, is an account supervisor at Hill and Knowlton Inc. in St. Louis. She specializes in agricultural and environmental communications.

John Xavier Livers, BS Acc '84, and **Penny Ahlman Livers**, BJ '83, of Kansas City announce the birth of Lane Elizabeth March 2.

Barbara McIntosh Smith, BJ '84, Weehawken, N.J., is director of media relations for Girl Scouts of the USA. Her husband, **Scott Smith**, BJ '79, MBA '83, is a field manager with the Office of Thrift Supervision in Jersey City, N.J.

Jeffrey Strickland, AB '84, and **Cynthia Pawlowski Strickland**, BS '86, of Liverpool, N.Y., announce the birth of Katherine Suzanne March 5.

Jean DiRuscio Taraba, BS '84, and husband David of Hutchinson, Kan., announce the birth of Kimberly Marie March 3.

Michael Campbell, JD '85, is a partner of

Campbell, Coyne and McNearney in Clayton, Mo.

Danny Johanning, BS Ed '85, who is in sales with Broad Building Supply, and **Donna Mudd Johanning**, BS BA '81, senior accountant with the University of Missouri System's accounting office, announce the birth of Amy Lynn March 17. The Johannings reside in Columbia.

Shelley Wells McDaniel, BS PA '85, JD '87, a research attorney at the Missouri Court of Appeals in Kansas City, and husband Jeff announce the birth of Caitlin Elizabeth Feb. 17.

David Miller, BS Ag '85, and **Laura Hoffmeister Miller**, BS BA '84, of

McPherson, Kan., announce the birth of Justin David Feb. 5.

Kimberly Raile Smith, BJ, AB '85, and husband Mark of Manchester, Mo., announce the birth of Cassidy Jessica Nov. 18.

Douglas Strein, BS Ag '85, and wife Tammie of California, Mo., announce the birth of Hayden Jacob Feb. 27.

Capt. John Colligan, AB '86, of Misawa, Japan, is chief of social actions, providing substance abuse rehabilitation and equal opportunity-human relations complaint resolution for all U.S. service personnel and their dependents stationed in northern Japan.

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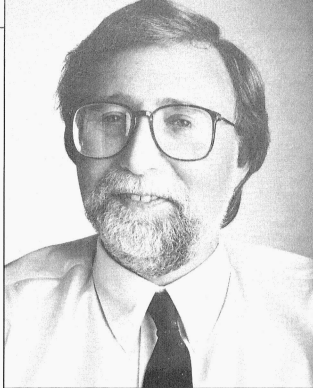
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Three years of covering the meat packing industry for the *Des Moines Register* gave Mike McGraw the expertise to help the *The Kansas City Star* win a Pulitzer Prize for its series on the U.S. Department of Agriculture.



Growing concern

Nobody knows the exact size of the U.S. Department of Agriculture, whose regulations fill 11,177 pages in the Code of Federal Regulations, 57 pages more than the Internal Revenue Service. Almost one-third of the department's \$10 billion in farm payments last year went to the richest farmers, who represent 4 percent of the nation's farms. USDA meat inspectors work so quickly some of them are developing repetitive motion disorders.

These are just some of the facts gathered for a series of newspaper articles investigating the department, which won *The Kansas City Star* a Pulitzer Prize. But for **Mike McGraw**, BJ '71, MA '72, the most shocking detail was found in the minutes of a meeting at which officials with the department's food safety and inspection service decided not to recall some tainted meat even though four patients at two mental institutions in Utah had died after eating it. "They decided not to recall it partly because they felt they would look bad in the media," says McGraw who later held an emotional interview with the parents of a six-year-old girl who died after eating the meat. "We felt very strongly that we had to personalize these stories."

McGraw spent part of the 16 months he worked on the series finding the right people to interview. He talked to whistle blowers and those who had filed complaints. "A lot of people put their careers on the line," McGraw says, "and some have suffered."

Many people quoted in the series have been called before the Senate agriculture committee that has been holding hearings on subjects brought up by *The Star*, says McGraw, who along with fellow reporter Jeff Taylor are working on a book based on stories they have uncovered since the series ran Dec. 8 through 14. "At least we will have people at the USDA brought to task and at least embarrassed. In the long term, perhaps there will be some changes." — *Joan M. McKee*

Ryan Duffy, AB, BJ '86, is a copywriter for Kuhn and Wittenborn Advertising in Kansas City.

Steven Lohe, BS ME '86, and **Lisa Masters Lohe**, BS BA '86, of Hazelwood, Mo., announce the birth of Brian Matthew April 17.

Carolyn McMaster, BJ '86, is a free-lance writer and editor in San Francisco. She specializes in the arts.

Kathy Willard Payne, BS BA '86, and husband Mike of Mission, Kan., announce the birth of James Hall, July 24, 1991.

Denise Pingel Capestany, BS Acc '87, and husband Javier of San Juan, Puerto Rico, announce the birth of Alexandra Marie June 4, 1991.

Matt Mocherman, AB '87, and wife Jean of Cassville, Mo., announce the birth of Jack April 30.

Kevin Olsen, BHS '87, and **Barbara Aldridge Olsen**, BHS '87, of Imperial, Mo., announce the birth of Mackenzie Rose Jan. 26.

Scott Eisele, BS Ag '88, of Gladstone, Mo., is an executive meeting manager for the Overland Park (Kan.) Marriott Hotel.

Kimberley Marsh, BJ '88, of Powell, Ind., is a master's candidate in communications at the University of Tennessee-Knoxville.

Sarah Friesen, AB '89, received a master's degree in accounting in December from the University of Missouri-St. Louis. She is a tax consultant with Ernst and Young in Memphis, Tenn.

Walter Pfeffer II, BGS '89, of Columbia has been honored by Mutual of Omaha Cos. for leading the G. Dean Arthaud Division Office in life insurance and annuity sales for six consecutive years.

THE NINETIES

Donnie Lee Michel, BSBA '90, of Wausau, Wis., is district manager for General Beverage Distributorship in Oshkosh, Wis. He was a field sales representative for E&J Gallo Winery in Oklahoma City.

Timothy Schwartz, BJ '90, of Los Angeles is publications coordinator for the Beverly Hills (Calif.) Visitor's Bureau. He was communications specialist at Braille Institute.

Robert Mitera, AB '91, in January formed R.D. Mitera and Associates, a private financial services firm with offices in Northfield and Schaumburg, Ill.

WEDDINGS

Jack Lutkevitt, AB '81, and Janet Murphy of Woodbridge, Va., Aug. 24, 1991.

Anne Potter, BES '82, and Norbert Russ of Kansas City Feb. 8.

Rebecca Hart Sides, BS '82, and **John David Harding**, BS Acc '85, of Kansas

ATTENTION ALUMNI!

Mark your calendars, October 18-25



Plan to join your friends in Columbia for an exciting twist to the tried and true Homecoming traditions—such as world record Twister, the Alumni Ball and Habitat for Humanity.

Calendar of Events



- Oct. 10** Twister, Faurot Field, Noon
- Oct. 11-15** American Red Cross Blood Drive, 11 a.m.-7 p.m.
- Oct. 18** Kick-off Rally, Francis Quadrangle, 7 p.m.
- Oct. 19-20** Preliminary Talent Competition, Jesse Auditorium, 6 p.m.
- Oct. 21** Multicultural Extravaganza: Festival, Francis Quadrangle, 4:30 p.m.
Show, Jesse Auditorium, 7:00 p.m.
- Oct. 22** Hall/Outdoor Decorations and Banners
Finals Talent Competition, Jesse Auditorium, 6 p.m.
- Oct. 23** House/Outdoor Decorations, 7 p.m.
Habitat For Humanity House Tours, 7 p.m.
- Oct. 24** Parade, Grandstand at Memorial Union, 9 a.m.
Buffet Lunch, Donald W. Reynolds Alumni Center, 11 a.m.-12:30 p.m.
Missouri vs. Nebraska, Memorial Stadium, 1 p.m.
King and Queen Coronation at halftime on Faurot Field
Alumni Ball, Reynolds Alumni Center, 8 p.m.

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Surrounding Ted Hellman are several of the MU graduates hired by Procter & Gamble. First row, from left: Charlotte Fortner Prunty, BS BA '84; Susan Zucker Estzman, BS BA '85; Beth Monschein Schlarman, BS IE '86; Ted Hellman, BS BA '71, MBA '72; Michele Workman, BS Ed '83; and Candace Stratton Baker, BJ '70. Second row: David Mosier, BS BA '86; John Brase, BS BA '90; Sam Paris, BS BA '90; Brad Opel, BS BA '85; and Kevin Potter, BES '83.

If it works,

"Procter & Gamble has been recruiting at MU with great success for over 25 years. We continue to recruit at MU because our MU graduates have produced excellent results, advanced to increased levels of responsibility and contributed to the company's growth."

- **Ted Hellman, BS BA '71, MBA '72**
St. Louis Market Manager
Procter & Gamble

keep doing it.

- An MU degree is an investment that pays off. We're attracting the brightest students and graduating plenty of hot prospects:
- Last fall's freshman class had the Big Eight's best average mean composite ACT score — 24.6.
 - This year we've admitted an even stronger freshman class with an average ACT score of 25 and an average class rank in the 85th percentile.
 - Our graduates are recruited by national companies such as Procter & Gamble, The New York Times, DuPont, IBM, Marriott, Monsanto and many more.

City Feb. 8.

Jill Bartels, AB '83, and **Joseph Bednar Jr.** of Kansas City Nov. 30.

Terri Lynn Chapman, AB '83, and **Gregory Ted George**, JD '91, of Jefferson City Nov. 30.

John Laughlin Carter, BS BA '85, and **Kelly Ann Smith** of Overland Park, Kan., Nov. 16.

Rita Ellen Downard, BS Ag '85, and **Matthew Dominic Vacca**, BJ '82, of Glendale, Mo., Feb. 8.

Capt. John Colligan, AB '86, and **Judy Minako Roberts** of Misawa, Japan, May 2. **Eva Conyne**, JD '86, and **Robert Sterner**, JD '80, of Fulton, Mo., Feb. 7.

Barry Cundiff, JD '86, and **Audrey Boehmer** of Jefferson City April 3.

Roland Karl Lenzenhuber, BS BA '86, and **Jill Ann Wright** of Jonesburg, Mo., Sept. 21.

Deborah Johnson Pennington, BJ '86, and **Evan Edward Lockridge** of Tuscaloosa, Ala., April 25.

Stafford McKee Swearingen, BS BA '86, and **Kami Louise Rodgers** of Sedalia, Mo., Sept. 28.

Kimberly Bailey, BS Ag '87, MS '89, and **Mark Allan Gross** of Bolivar, Mo., Dec. 28.

Roy Press Campbell Jr., AB '87, and **Kathleen Renick** of Jefferson City Feb. 15.

Jeanne Clavenna, BES '87, MA '89, and **Daniel Valleroy Jr.** of St. Louis Sept. 28.

Kelly Duff, BS Ed '87, and **Brian Echard** of Lake St. Louis, Mo., Sept. 21.

Lorri Lynn Ham, BES '87, and **Perry Albert Seidel** of Jefferson City April 4.

Ronald Poehlmann, BS EE '87, and **MariNelle McMullin** of Smithton, Mo., Oct. 26.

Lisa Scheiderer, BJ '87, and **Gregg Heutel**, BS Ac '87, of Webster Groves, Mo., Sept. 21, 1991.

Kevin Anderson, BS BA '88, and **Leslie Watt** of St. Charles, Mo., Nov. 9.

Marni Kathlene Daniel, AB '88, and **Colby Shawn Ardrey** of Columbia Sept. 14.

Glenn Drebes, BS ME '88, and **Cammy Testerman** of Oklahoma City Oct. 12.

Lisa Suzanne Droege, BES '88, MA '90, and **Kyle John Bell**, BS BA '89, of Ballwin, Mo., May 15.

Peter Joseph Hartman, BS CIE '88, and **DeAnn Marie Heckman** of Boise, Idaho, April 4.

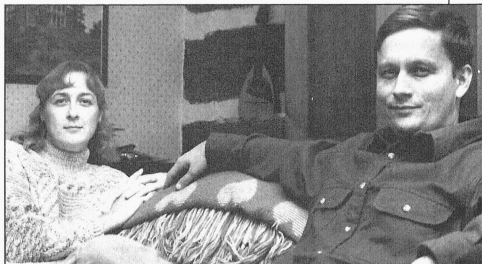
J. Andrew Ausmus, AB '89, and **Christian Ann Kost** of Oklahoma City Nov. 30.

Jill Lynn Coffman, BSN '89, and **Daniel Joseph Dee** of Columbia Feb. 8.

David Epperson, BS EE '89, and **Connie Klocke** of Fulton, Mo., Aug. 17.

Keith Kevin Gerlach, BS EE, BS CoE '89, and **Lisa Marie Edwards** of Arlington, Va., Nov. 23.

Scott Alan Gregston, BS '89, and **Kathleen Connors** of Walnut Creek, Calif., Nov. 2.



Vicki and Terrell Dempsey, lawyers in Hannibal, Mo., exposed the logs on one interior wall of their 150-year-old two-story log home.

Preserving the past

In 1833, Henry Early and his wife, Jane, moved into their newly built home atop a hill in the countryside of Pike County, Mo. A century and a half later, **Terrell Dempsey**, AB '76, and his wife, **Vicki**, BS Ed '77, JD '84, moved into the same house after rescuing it from its last occupants — soybeans.

The Dempseys discovered the two-story log house when they were mushroom hunting near Louisiana, Mo., where they taught school. When they bought the house in 1982, the clapboard siding was falling off and the windows were missing. While Vicki was working on a law degree and Terrell was taking graduate courses in journalism at MU, the two spent weekends away from their studies remodeling. "It was fun putting pieces together of what happened to the house and when," Terrell says. By searching historical records and talking to ancestors of the original owners, Terrell says they now know more about the Earlys than about their own families.

The clapboard covering the logs had to be replaced, but not before they reinked between each log. While the original "doppers" packed clay mixed with horse hair into the spaces between the logs by hand, the Dempseys dopped a cement mortar.

The building was originally two log houses built side by side with a breezeway in the middle. "It's an example of folk architecture," Terrell says.

Fixing up old buildings doesn't stop at home. The Dempseys restored two buildings in downtown Hannibal for their law office. — *Joan M. McKee*

Lisa Lange, BS BA '89, and **Steve Crippen** of Lake Wappapello, Mo., Feb. 8.

Lisa Annette Mulherin, BS Ag '89, and **Richard Andrew Schmidt** of Amelia Island, Fla., Dec. 28.

Deborah Priddy, BS Ed '89, and **Daniel Martin** of Omaha, Neb., Nov. 23.

Susan Marie Steinger, BS Ed '89, and **Lt. Timothy Lee May**, BES '90, of Surfside Beach, S.C., Dec. 28.

Leanne Marie Alber, BSF '90, and Ed-

ward **George Pecher** of St. Martins, Mo., Jan. 25.

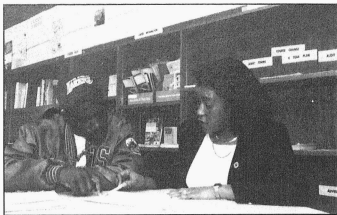
Lorraine Marie Fincke, MD '90, and **Jack Mark Dodson**, AB '84, MD '90, of Columbia Oct. 12.

Glenda Jean Jerman, BS BA '90, and **Anthony Miller**, BS BA '91, of Columbia Oct. 26.

Melissa Lea McKittrick, BSW '90, and **John Patrick Sullivan** of Columbia Dec. 28.

Kevin Matthew Mosley, BS Ag '90, and

Assistant Principal Chryel Lanos, right, who is in charge of more than 300 students in the Ferguson-Florissant R-II School District in St. Louis, spends some of her time tutoring individual students.



Educating all

Quality education for all students is a goal for **Chryel Lanos**, BS Ed '78, assistant principal at McCluer North High School in St. Louis County. As a fellow of the Education Policy Fellowship Program, she traveled around the country this past year meeting with corporate executives and government officials at local, state and national level to discuss education.

"The goal was to see what we can do together to help education," Lanos says. "With the budget crunch in education, we want to work with other organizations to see how to ensure quality education and how we can better prepare students to meet future job markets." The program is sponsored by the National Institute for Educational Leadership in Washington, D.C.

For Lanos, one way to meet these goals is to make sure students are in school. As her fellowship project, she hopes to set up a collaboration between social services and the schools. "I would like to see on-site services in my own building such as immunization, health care and a referral service so that information is not duplicated and students can get the services they need without a bunch of bureaucratic red tape.

"My goal is to give the best to students and keep them in school. We need an educated citizenry. That's what makes the country strong."

In keeping with that plan, Lanos works with MU's Black Alumni Organization to encourage high school students to go to college. At the group's annual recruitment dinners, she shares her experiences at MU and encourages students to get a college degree. The BAO's recruitment dinners are held each year in Kansas City and St. Louis. — *Joan M. McKee*

Christy Hardin, BS BA '91, and Michael Lay of Kansas City Dec. 28.

Lisa Ann Hill, BS Ed '91, and **Russell Burton Smith**, BS Ag '91, of Columbia July 25.

Katherine Marie Hulshof, BS Ag '91, and **Kevin Joseph Fennewald**, BS Ag '88, MS '90, of Centralia, Mo., Nov. 30.

Tami Lahman, BS Ed '91, and **Clint Barrett** of Hallsville, Mo., Oct. 5.

Kay Lynn Mueller, AB '91, and **Donald Kevin Haarmann**, BS Ag '90, of Bloomington, Ill., Nov. 16.

Jill Plack, BJ '91, and **Joseph Kaufman** of Hazelwood, Mo., Oct. 19.

Debra Jean Powell, BS '91, and **Cecil Wells Harness Jr.**, of Conroy, Iowa, Jan. 4. **Jacqueline Ann Steinmetz**, BS '91, and **Richard Bradley Nelson** of Columbia May 23.

Lisa Anne Stokes, BSN '91, and **Michael Keith McFadden** of Columbia May 23.

Jay Suter, BFA '91, and **Paula Nichols** of Webster Groves, Mo., Nov. 29.

DEATHS

Morris Glazer, AB '18, May 23 in Potomac, Md., at age 96. He was a reporter for *The Kansas City Star*, financial editor of the *Washington Post* and founder of three trucking industry trade publications.

Donald Charles Pharis, BS Ag '20, June 11 in Liberty at age 95. He taught vocational agriculture at Harrisonville, Mo., from 1924 to 1926 and at Richmond, Mo., from 1927 to 1944.

Evelyn Durette Prather, BS Ed '20, July 5 in Columbia at age 94. She was a school-teacher.

Ralph Baxter, BS Eng '21, July 3 in Dallas at age 94. He was an engineer for Southwestern Bell Telephone Co. in St. Louis for 43 years before he retired in 1963.

Frances Creamer Evans, BS Ed '21, June 2 in Gower, Mo., at age 98. She worked for the Farm Security Administration in the 1930s. Later she taught school in Clinton County, retiring from Lathrop High School in 1964 as a teacher of Latin, English and speech.

William Cassell, BS Eng '22, April 15 in Lee's Summit, Mo., at age 91. He was chairman of W.L. Cassell and Associates. **Marguerite Elizabeth Greer Duncan**, BS Ed '22, of Tulsa, Okla., May 24 at age 95.

Helen Cave Squires, AB '23, March 4 in Lawrence, Kan., at age 92. She taught science and physical education in Mexico, Mo., before moving to Lawrence in 1948. Survivors include a niece, **Mary Williams O'Reilly**, BJ '38.

W. Cooper Cotton, AB '24, May 28 in Columbia at age 88. A registered engineer, he owned and operated Cotton Lumber Co. until 1967.

Annette Maurine Larrick of Willard, Mo., Oct. 12.

Maria Medina Schneckloth, BJ '90, and **John Garret Taylor**, BS BA '88, BS BA '89, MS '91, of St. Louis June 13.

Melinda Bess Sites, BS Ag '90, and **John Michael Doak**, BS Ed '76, M Ed '80, EdSp '81, of Columbia Feb. 8.

Andrea Lynn Weber, BGS '90, and **Troy Randal Smith** of Dallas Sept. 21.

Louis Jay Bestgen, BS CE '91, and **Connie Lynn Wolfrom** of California, Mo., March

21.

Janice Boessen, BS Acc '91, and **Carl Struempf** of St. Elizabeth, Mo., April 25.

Mary Lea Brandt, MSW '91, and **Kevin Kieffer**, BS Acc '89, of Kansas City May 31.

Tina Marie Clausen, BS '91, and **James John Olsen**, BS BA '90, of Indianapolis Sept. 28.

Rebecca Christine Danner, BS Ed '91, and **Craig Paul Scott** of Halifax, Nova Scotia, Canada, Oct. 6.

Martin Stevens Stauber Sr., BS Ag '25, May 9 in Noel, Mo., at age 88. He was president and principal owner of the State Bank of Noel from 1967 to 1972 and mayor of Noel from 1977 to 1979. He operated Stauber Farms from 1927 to 1963.

Vera Christensen Baker, BJ '26, April 23 in Montezuma, Iowa, at age 89. Survivors include her daughter, **Jean Baker Morrissey**, BJ '50, and son **Robert Christensen Baker**, BS Che '53.

Joseph Kirkwood, JD '28, March 2 in St. Louis at age 85. He was a lawyer.

Kemper Reid, BS BA '28, May 31 in Columbia at age 93. He was an admissions clerk at University Hospital and Clinics and worked at Reid-Lightner Insurance Co. and at Boone County Trust Co.

Carl Schowengerdt, BS Ag '28, MA '29, PhD '44, May 10 in Rolla at age 91. He taught at Southeast Missouri State University in Cape Girardeau. Survivors include his son, **George Schowengerdt**, PhD '69. **Spencer Smith**, BS Ed '29, July 7 in Springfield, Mo., at age 88. He was with Southwestern Bell Telephone Co. in St. Louis for 36 years until he retired in 1965.

Martha Miller Truex, BS Ed '29, April 22 in Orlando, Fla., at age 88.

Orville Amyette, BS Eng '30, June 10 in Davenport, Iowa, at age 86. He was a mechanical engineer for International Harvester Co.

Ruth McFarland Cornish Bradley, Educ '30, March 31 in Kansas City at age 82.

Adalene Hoke, BS Ed '32, M Ed '38, June 4 in Columbia at age 82. She retired from teaching in 1975.

John McDonald, BJ '32, April 1 at age 86 in Independence, Mo., where he was a news editor and reporter for *The Examiner* for 18 years before he retired in 1970. He continued to write the weekly column "50 Years Ago."

Ida Lee Cannon Pixley, BJ '32, MA '36, of Huntleigh Woods, Mo., March 18 in St. Louis at age 80.

Robert Pery Christeson, BS Ag '33, of Auxvasse, Mo., April 9 at age 80. He retired from the U.S. Department of Agriculture in 1968. Christeson, a collector and player of fiddle music, wrote the book *The Old-Time Fiddler's Repertory*, published in 1973 by the University of Missouri Press.

Elma Louise Black Jones, BS Ed '33, March 22 in Columbia at age 86.

W. Judd Wyatt, BS Ag '33, April 19 in Columbia at age 90. From 1945 until he retired in 1981, he was director of advertising and public relations for MFA Insurance Co., now Shelter Insurance Cos. He created and edited the Farmer's Almanac. He also created the annual Wyatt Summary of Pre-Season Top-20 Pigskin Picks, which rated the accuracy of football poll predictions.

Andrew Miller Carpenter, BS Ag '34,

March 4 in Sumner, Mo., at age 81. He was chairman of the board of the Bank of Rothville, of which he was president from 1968 until late 1990. Survivors include his son, **Frederick Carpenter**, BS Ag '71, and daughter **Martha Carpenter Smith**, BS BA '74.

Warren Evans, BS Ed '34, M Ed '40, June 26 in Warrensburg, Mo., at age 83. As a freshman, he helped carry the rocks that form the 'M' at the north end of Memorial Stadium. For 19 years he was a school-teacher and administrator in the Cairo, Mo., school system. He retired in 1974 as superintendent of schools in Meadville, Mo.

Lloyd Hanley, AB '34, July 2 in Columbia at age 83. A retired colonel of the Air Force, he was a former corporate counsel for Missouri and an attorney in private practice.

Frank Martin, AB '34, PhD '63, of Warrensburg, Mo., May 19 at age 78. He was professor emeritus of physics at Central Missouri State University.

Owen Taul, MA '34, March 2 in Matthews, Mo., at age 93. He was an educator and a school administrator.

Geraldine Buescher Beimdick, Arts '35, March 3 in Carthage, Mo., at age 77. Among her survivors are her husband, **George Beimdick**, B&PA '35; a daughter, **Carolyn Beimdick Phelps**, BS Ed '60; a son, **G. Stephen Beimdick**, BS '63, JD '69; and

granddaughter **Ann Beimdick**, BJ '87.

Oren Hammond, MA '35, of Overland Park, Kan., May 2 at age 84. He was director of the guidance and counseling for the Kansas City, Mo., school system.

Alva Mix, BS Ag '35, of Cameron, Mo., May 12 at age 80.

Bernard Passer, JD '35, of Prairie Village, Kan., June 8 at age 79. He was a lawyer.

Dale Ream Sr., BS Ag '35, of Unionville, Mo., May 5 at age 79. He was a teacher.

Marie Tiemann Smith, BJ '36, June 26 in Acton, Mass., at age 78. Among her survivors is a son, **Blandford T. Smith**, BJ '68. **Charles Stuart Via**, MA '36, June 12 in San Diego at age 85. He was a teacher and counselor at Kirkwood (Mo.) High School before he retired in 1972.

Joseph Estes Jr., BS Che '37, April 24 in Rochester, N.Y., at age 76. He retired from Du Pont in 1967.

Dick Sims Gehrig, BS PA '37, July 4 in Jefferson City at age 77. He retired in 1975 as assistant superintendent of the Missouri State Highway Patrol.

William Brittain, BJ '38, June 1 in Creve Coeur, Mo., at age 75. He operated his own advertising company in St. Louis before he retired in 1977 and was the author of *The Spirit of Scouting '76*, one of the first books written that covered the history of the Boy Scouts.

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Dr. Sherri Russell combines acupuncture with conventional medicine to keep animals healthy.



Needing patients into good health

Although veterinarians are probably an animal's best friend, few four-legged creatures go willingly into the examining room. But this is not the case with **Sherri Russell**, BS Ag '81, DVM '85, who is often greeted with wagging tails and gleeful barks. She is one of about 300 certified veterinarian acupuncturists in the United States.

"The animals usually tolerate it very well," Russell says. "The very first time they are nervous, but in about 10 minutes they get an endorphin release and they feel real happy. A lot of them go to sleep or really relax."

Russell looked into using the technique in her practice at Eastland Animal Hospital in Jefferson City, Mo., after she witnessed a friend diagnosed with multiple sclerosis improve after acupuncture treatments. Although skeptical, Russell completed a course with the International Veterinary Acupuncture Society and has used the techniques in her practice ever since.

Some veterinarians use acupuncture exclusively, but Russell relies on conventional medicine, which is usually quicker and more economical. "The most common time I use acupuncture is when conventional medicine doesn't work," she says. For instance, a dachshund with arthritis in its neck was having difficulty eating. "I gave it a few treatments and now it's normal," she says. She also uses it to treat paralysis and muscle weakness. Joint diseases, like hip dysplasia, also respond well, she says.

"Acupuncture works by tapping into the body's ability to return itself to health," Russell says. "It fine tunes the body to release the good chemicals found naturally in the body and suppress the bad ones."

While it works well for pain relief, it can also stimulate circulation. "If you have a joint that doesn't get very good circulation, it will encourage the formation of new blood vessels in that area," she says.

While her success rate is high, Russell cautions against thinking acupuncture is a cure-all. "I don't want people to get the idea that it is a magic pill."

But for the foundered horse that retained circulation in its hooves, the declawed cat that suffered less pain, the dog with an inoperable chest tumor that can now breathe easily, the 15 paralyzed dogs that can now walk, and the Doberman pinscher that avoided surgery and a body cast, they take Russell's needling and come eagerly back for more. — *Joan M. McKee*

Betty Bean Cortelyou, AB '38, of Prairie Village, Kan., March 31 at age 75. She was past president of the Eleanor Shutz memorial library committee at the R.J. DeLano School for Crippled Children and past president of the Richard Cabot Clinic. Survivors include her daughter, **Betty Ann Cortelyou**, BS HE '65.

John David Dorrill, BS Ag '38, July 18 in Columbia at 75. He worked for the Farmers Home Administration for 21 years before he retired in 1977.

Virdon Taylor, BS BA '38, MA '39, July 24 in Florissant, Mo., at age 78. He was an administrator for the Social Security Administration for 44 years.

Edward Brandhorst, MA '39, of Webster Groves, Mo., April 16 in St. Louis at age 88. He was a former regional director of disaster relief for the Red Cross.

Cassie Kathryn Goetz Hunter, BS HE '39, of West Plains, Mo., June 29 at age 85. She was a schoolteacher.

Donald Haynes, BS Ag '40, May 31 at age 76 in Maryville, Mo., where he was manager of the ASCS office and of Merrigan Livestock Co., and an instructor in the high school.

Harvey Johnston, BS Ag '40, of Jasper, Mo., May 28 at age 73. He was a former director of the Missouri State Dairy, a farmer and owner of a dairy and beef cattle operations.

C.M. "Jack" Kroeck, BS Ag '40, MA '49, of California, Mo., Feb. 17 in Jefferson City at age 75. Founder of the Missouri Veterinary Foundation Inc. and Museum. Kroeck was the first executive director of the Missouri Veterinary Medical Association, holding that position until he retired in 1979.

Roland Lanser, BS BA '40, MA '48, EdD '59, of Denver Oct. 4 at age 74. He was a professor emeritus of history at Denver University. His wife, **Vivian Mitner Lanser**, BS Ed '40, M Ed '59, survives.

Leroy Meinershagen, BS Ag '40, July 4 in Columbia at age 74. He had retired from the Farmers Home Administration after 30 years and was a loan consultant for First National Bank.

Donald Atkinson, Engr '41, of Webster Groves, Mo., March 3 in Kirkwood, Mo., at age 74. He was co-founder of Electro Motion Refrigeration, an industrial refrigeration and air conditioning company in Chesterfield, Mo. Atkinson retired in 1982 after 25 years as company president.

Hugh Van Winfrey, BS BA '41, May 22 in Los Angeles at age 72.

Bascom "Jerry" Batts, BS EE '42, April 10 in Dallas at age 70.

Helen Meals Kiehl, BS Ed '44, May 30 in Columbia at age 70. Survivors include her husband, **Elmer Kiehl**, BS Ag '42, MA '50; son **Fred Kiehl**, AB '72; and daugh-

ters **Marlene Kiehl Coe**, BS OT '75, and **Kathy Kiehl Emmons**, BS EdD '70.

Edna Schupp McGuire, MA '44, of Otterville, Mo., Feb. 10 at age 75. She retired from teaching in 1981.

James Willoughby, BS Med '45, May 27 at age 69 in Liberty, Mo., where he had an allergy practice.

William Coggill, BS BA '46, June 14 in Columbia at age 78. A real estate broker for more than 60 years, he owned and operated Coggill Realty in Milan and Columbia.

James Gottman, Ag '47, March 6 in Hannibal, Mo., at age 66. He was a dairy farmer until he retired in 1986.

Oliver Nelson Howard, BS Ag '47, of New London, Mo., Feb. 14 at age 77. He retired in 1980 after working for 27 years as a technician for the Soil and Water Conservation Service.

Dorothy Miller, BS Ed '47, April 25 in St. Louis, at age 68. She was an elementary schoolteacher.

Retired Lt. Col. John Cotter, BS ME '48, Feb. 2 in Albuquerque, N.M., at age 68. He was in the military from 1942 to 1945 and from 1951 until he retired from the Air Force in 1970.

Wilfred David Logan, BJ '48, Dec. 28 in Tucson, Ariz., at age 68. He was an archaeologist for the National Park Service.

Jean McGregor Bower, AB '49, May 12 in Milwaukee at age 65. She was employed with Standard Brands Corp. and Baese-Hilburn Electric Co.

Jeanne Shortt Brunda, BS Ed '49, M Ed '65, May 24 in Boonville, Mo., at age 72. She was an elementary schoolteacher.

Ethel Beal Francis, BS Ag '49, of Kirksville, Mo., March 4 in Columbia at age 73. She was an extension home economist in southeast Missouri from 1948 to 1951.

Claude Sides, BJ '49, of Kirkswood, Mo., March 3 in St. Louis at age 67. A co-founder of Kenrick Advertising, he was responsible for the Chuck Wagon television commercials.

Earl Sherman Webb, BS Ag '49, M Ed '55, EdD '59, April 15 in West Plains, Mo., at age 76. He retired in 1981 as professor emeritus of agricultural education at Texas A&M University.

Ethel Spenny Palow Bunnell, BS Ed '50, Feb. 18 in Spalding, Mo., at age 67. She was an elementary schoolteacher and librarian until she retired in 1981.

Joseph Champ, B&PA '50, Arts '62, June 2 in Elsberry, Mo. He was owner of Champ-Goodwood Farms, a 3,500-acre dairy, and vice president of Champ Spring Co. Contributions in his name may be sent to the Office of Development, 307 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo. 65211.

Raymond Ray Hoggard, M Ed '50, March

29 at age 82 in Campbell, Mo., where he was superintendent of schools.

Raymond Parker, BS EE '50, March 7 in Kansas City at age 71. He was an electrical engineer for Black and Veatch for 36 years before he retired in 1986.

A.L. Thurman, MA '50, PhD '53, of East Lansing, Mich., June 12 at age 71. He was a professor in American thought and language at Michigan State University for 38 years and was secretary of academic governance until he retired in 1989.

Helen Spradling Boylan, BS Ed '51, Feb. 1 in Kansas City at age 64. She taught school in Carthage, Mo., and in Caracas, Venezuela.

James Earl Hart, M Ed '51, EdD '56, May 25 in Columbia at age 77. He was a professor of education at the University from 1956 to 1981 and executive director of the Missouri School Boards Association from 1957 to 1979.

Nolan Rutledge, M Ed '51, April 9 at age 85 in Kansas City, where he taught physics at Central High School before he retired in 1975.

F. Monroe Dennison, M Ed '52, May 23 in Springfield, Mo., at age 80. He retired from the Springfield school system in 1974 after being an educator for 39 years in southwestern Missouri.

Rudolf Eskridge, M Ed '52, July 13 in

Liberty, Mo., at age 82. He was an area supervisor for the Missouri Department of Elementary and Secondary Education, superintendent of the Weston, Mo., school system, and a teacher and coach.

Helen Walker Boatright Hamer, BS Ed '52, of Marshall, Mo., Feb. 25 in Sedalia, Mo., at age 82. She was an elementary schoolteacher and principal.

LeRoy Cole Shannon, BS Ag '52, May 11 in Perrysburg, Ohio, at age 64. He was a general sales manager for 12 years for Pax Distributing of Coldwater, Ohio.

Mary Helen Willhoite, M Ed '52, April 9 in Monett, Mo., at age 80. A former educator, she retired from the Monett License Bureau in 1985.

John Megown, AB '53, MS '55, April 13 in Cedar Rapids, Iowa, at age 60. He was vice president and director of communications for Vigortone Products Co. for 12 years, appointed director of Farm Care USA in 1986 and was a speech communication teacher at Mount Mercy College in Cedar Rapids. He received a Faculty-Alumni Award in 1978 from the MUA Alumni Association.

Robert Sallee, BS Ag '53, April 14 in Meadville, Mo., at age 60. He was a former instructor pilot at Chillicothe (Mo.) Municipal Airport and a farmer.

John Starke, BS BA '53, of Lexington,

Individuals sharing Thomas Jefferson's commitment to quality public higher education make up Mizzou's Jefferson Club. Its members are dedicated to promoting interest in and support of the University.

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Jefferson Club

For more information on how you can join the Jefferson Club and invest in Mizzou, write Gretchen D. Collins, AB '51, BS Med '53, chairwoman, Jefferson Club Trustees, 306 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo. 65211, or call (314) 882-6514.

Mo., May 26 at age 65. He retired in 1987 as president of the Commerce Bank in Lexington.

William Ace Ellis, BS CIE '55, of Blue Springs, Mo., July 22 at age 64. He was founder of W.A. Ellis Construction Co. in Independence, owner of Missouri Rock Quarries and of Ellis-McGinnis Construction Co. in Eddy, Texas.

Redford Reichert, BS Ed '56, July 2 in Hays, Kan., at age 58. He was athletic director at Harrisonville (Mo.) High School from 1976 to 1991.

Frances Patterson Meeker, Arts '57, May 12 in St. Joseph, Mo., at age 82. She taught English in high schools in Providence, R.I., and in St. Joseph.

Dorothy Dusic Pendergast, JD '57, March 20 in New York City at age 58. Survivors include her husband, **William Pendergast**, JD '57.

Wilton Curtis Bennett, BS Ag '58, MS '59, April 2, 1991, in Houston at age 55. He was senior vice president of Jack Hughey and Associates, a real estate appraisal firm. In the early 1960s, he was a specialist in St. Joseph and in Chillicothe, Mo., for University of Missouri Extension.

James Burkeholder, AB '58, MD '61, June 27 at age 55 in Lubbock, Texas, where he was a pediatrician. A former assistant professor at MU, he had received the Award of Hippocrates from the Lubbock-Crosby-Garza County Medical Society.

Daryl Wayne Danner, Educ '58, April 3 in Chillicothe, Mo., at age 53. A partner of Danner-Miller Auction Service, he taught and coached football and track at Chillicothe High School for 1971 until 1991.

Jean Landon Graham, BS Ed '59, July 6 in St. Louis at age 54. He was a breeder and trainer of horses.

James Ducker, PhD '60, Nov. 26 in Tulsa, Okla., at age 69. He retired in 1980 from McDonnell Douglas, where he worked in several supervisory positions in the research and engineering departments.

Leon Dogfrey, BS Ed '61, May 13 in Leavenworth, Kan., at age 52. He was an assistant professor at the University of Kansas and an operation research analyst for the U.S. Army at Fort Leavenworth.

Douglas Hoback, BS Ag, DVM '61, April 25 in Pompano Beach, Fla., at age 59. He was a veterinarian.

Gerald Squibbs, BS ME '61, of Overland Park, Kan., May 23 at age 59. He was president and chief executive officer of Natkin and Co., a mechanical contracting firm.

Christopher William Arand, BS Ed '62, M Ed '68, EdSp '74, May 1 in St. Louis at age 58. He was superintendent at Gasconade R-1 School District in Hermann, Mo.

Joan Saussele-Hewett, AB '62, of Miami March 7 at age 51. She was a former airline

stewardess and ticket agent. Contributions in her name may be sent to the Ted Saussele (Arts '65) Cancer Fund, 307 Donald W. Reynolds Alumni Center, Columbia, Mo. 65211.

Betty Branson Porter, BS Ed '64, M Ed '74, of Jefferson City June 21 at age 61. She taught music and was a counselor-therapist.

Carol Beth Eggenberg Wildebrandt, BS Ed '64, March 30 in Gerald, Mo., at age 48. She was a teacher in the Union, Mo., school system.

Clare Wolkowitz Goldstein, BS Ed '67, April 8 in Creve Coeur, Mo., at age 47. She was a volunteer for six years in the Barnes Hospital auxiliary and hospice care program.

She taught home economics for about three years in Massachusetts and served for three seasons as a registrar at archaeological excavations in Sardis, Turkey.

Betty Clark Groshong, BS Ed '67, May 3 in Columbia at age 47. She was a library clerk at Hickman High School. Survivors include her husband, **Ted Groshong**, AB '63, MD '67.

Martin Kugel Jr., M Ed '67, March 1 at age 51 in Marshall, Mo., where he was ninth-grade basketball coach at Marshall High School. He coached the varsity basketball team for 10 years and led the girls track team to the state championship in 1980.

Ailyn Dietzel, BS Ag '70, DVM '73, May

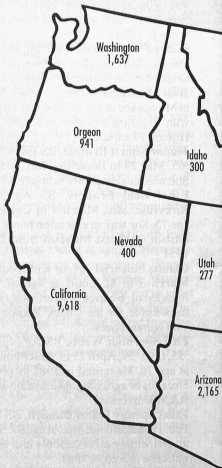
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25 in Fayetteville, Ark., at age 44. He was director of live production for Hudson Foods. Memorials in his name may be sent to the Emmett McCune Poultry Scholarship Fund, 307 Donald W. Reynolds Alumni Center, Columbia, Mo. 65211.

Michael Sievers, DVM '70, June 17 in Fenton, Mo., at age 52. He was a physician, pharmacist and veterinarian.

Randal Paul Gross, BS Ed '71, April 22 in Columbia, at age 43. A former teacher at Hickman High School, he was administrator of Candlelight Lodge.

Charles Utz, AB '73, of Charlotte, N.C., July 21 at age 41. With IBM he was a trading area general manager for the Western Carolinas Headquarters in Charlotte.

Robert Lacy, BS Ag '76, May 28 in Houston at age 38. He was a past president of the Missouri River Valley Steam Engine Association.

Lt. Michael Pohlkamp, BS ME '85, May 13 at age 28 in a mid-air collision between two Training Air Wing Five aircraft. A flight instructor for Training Squadron Two at Naval Air Station, Whiting Field in Milton, Fla., he flew more than 230 combat hours during Operation Desert Storm and was awarded the Air Medal (first and second) Strike Flight Awards.

Marc Donald Vanderslice, AB '85, MD '89, July 13 in Edmond, Okla., at age 29. He was a fourth-year resident at the University of Oklahoma Health Sciences Center in

Oklahoma City and was chief resident in the department of obstetrics and gynecology.

FACULTY DEATHS

William Fratcher June 24 in Columbia at age 79. He taught law from 1947 until he retired as professor emeritus in 1983. He returned to the University as a part-time professor from 1985 to 1986 and from 1988 to 1991. Fratcher wrote *The Law Barn*, a history of the law school through 1988. Contributions in his name for the Law School Library may be sent to the Development Office, 306 Donald W. Reynolds Alumni and Visitor Center, Columbia, Mo.

across the RED, WHITE & BLUE



James Earl Hart, M Ed '51, EdD '56, May 25 in Columbia at age 77. See alumni section.

Charles Wilkinson June 21 in Kansas City at age 70. He was a clinical associate professor of psychiatry at the University from 1959 to 1965.

BOOKS

Moving From Within: A New Method for Dance Making by **Alma Hawkins**, BS Ed '27, advises dance students on how to improve their creative potential. Published in January by A Cappella Books/Chicago Review Press; 150 pp.; \$12.95.

Of Kings and Potentates by **Romola Walter**

Metzner, Arts '28, is a series of interviews with rulers in Spain, Greece, New Delhi, Nepal, Thailand and Bangkok. Published in December by Butler Book Publishing Services Inc., Louisville, Ky., 90 pp.

Eugene O'Neill's Creative Struggle: The Decisive Decade, 1924-1933 by **Doris Alexander**, AB '44, shows how the playwright's most intimate struggles worked their way to resolution through the drama of his plays. Published in June by Penn State Press, University Park, Pa.; 349 pp. \$29.95.

The Golf Primer by **W.R. Miller**, BS Ed '54, M Ed '55, EdD '60, is a manual for beginners and high handicapped players. The book contains 16 color prints and more than 90 sketches. Published by PineCrest

Publications of Sautee-Nacoochee, Ga.; 144 pages; \$19.95.

Bringing Total Quality to Sales by **Casimir Welch**, BS EE '58, explains how to increase competitiveness through quality. Published by ASQC Quality Press, Milwaukee; 87 pp.; \$12.95 softcover.

Cotton and Capital: Boston Businessmen and Antislavery Reform, 1854-1868 by **Richard Abbott**, MA '59, examines the activities of some entrepreneurs in Boston who set up volunteer associations to lobby against slavery and southern political influence; to recruit black soldiers for the Union army; and to aid former slaves during the early Reconstruction period. Published in December by University of Massachusetts Press; \$32.50 hardcover.

The Best of the Midnight Cabby by **Don Wells**, BJ '68, is a collection of columns the taxi driver-journalist published weekly from September 1989 through July 1990 in the *Redwood City* (Calif.) *Weekly News* and in the *San Carlos* (Calif.) *Weekly News*. The book is banned in bookstores in Palo Alto, Calif., and at Stanford University. Published by The Midnight Press in Palo Alto; 95 pp. \$7.95 paper.

Body English by **Linda French Mariz**, AB '70, is the first of a mystery series set in the Pacific Northwest and features detectives Laura Ireland and Theo Talbot. Published in March by Bantam Books of New York; 201 pp.; \$4.50 paperback. The author's second book, *Snake Dance*, which will be released by Bantam in November, brings the team to Talbot's hometown on Bayou LaFourche, La.

Yankee Tigers co-edited by **Richard Baumgartner**, BJ '75, is an illustrated Civil War memoir of an officer who served in the 125th Ohio, one of the state's most famous regiments. The author's last book, *Echoes of Battle*, has been nominated for the Fletcher Pratt Award as the best Civil War book published in 1991. Both are available from Blue Acorn Press in Huntington, W.Va.

Jefferson City-Boonville KATY Trail Guide by **Sharon Kinney Hanson**, M Ed '77, is the first hiking, walking and bicycling guide to the Jefferson City-Boonville section of the Katy Trail. Published by Sheba Review-Trail of Jefferson City; \$11.95.

The Customer Comes Second: An Other Secrets of Exceptional Service co-written by **Diane McFerrin Peters**, AB '81, director of corporate development for Rosenbluth Travel Inc. of Philadelphia. The book details the company's growth, corporate culture and human development programs — all based on the firm's philosophy that companies must put their people, not their customers, first. Published in June by William Morrow and Co. Inc. of New York; 237 pp.; \$20 hardcover.

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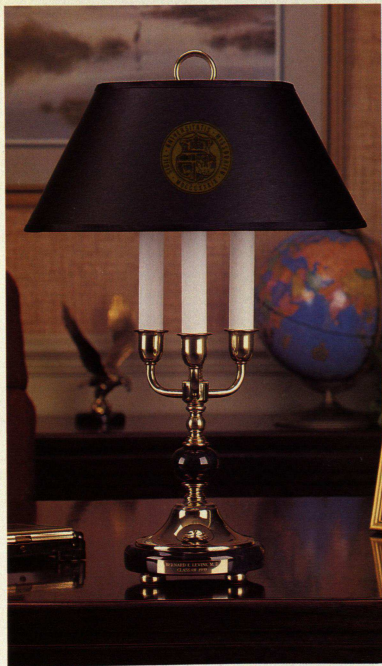
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Fiscal

Fiscal

Our mission is to provide the finest in personal service to our policyholders in meeting their insurance needs and in the prompt and fair payment of their claims. In order to do so, we must be financially able to do so and we are.

Here are the figures that assure you of our financial ability to meet our obligations to our policyholders:

- Over \$1 billion in assets
- Over \$550 million annual premium written
- Over 1.7 million policies in force
- Over \$5 billion life insurance in force
- Over \$350 million policyholder surplus



We hold the A.M. Best Company's highest rating, A+ Superior, based on their analysis of our underwriting, expense control, adequate reserves, sound investments, and sufficient capital.

SHELTER INSURANCE COMPANIES

Shelter Mutual • Shelter General • Shelter Life • Shelter Reinsurance
Home Office: 1817 West Broadway, Columbia, MO 65218